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BIBLIOGRAFI HASIL PENELITIAN PERTANIAN KOMODITAS TANAMAN OBAT



PUSAT PERPUSTAKAAN DAN PENYEBARAN TEKNOLOGI PERTANIAN
Badan Penelitian dan Pengembangan Pertanian
Departemen Pertanian
2009

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BIBLIOGRAFI 2004

PROQUEST

1. Activity of some Mexican medicinal plant extracts on carrageenan-induced rat paw edema/ M Meckes ...[et al.]
Phytomedicine. Jul 2004. Vol. 11, Iss. 5, p. 446-451
Keywords : Mexican medicinal plants; Anti inflammatory; Edema inhibition; Nor dihydroguaiaretic acid
2. Anti-gastric ulcer effect of *Gynostemma pentaphyllum* Makino/C Rujjanawate, D Kanjanapothi, D Amornlerdpison
Phytomedicine. Jul 2004. Vol. 11, Iss. 5, p. 431-5
Keywords : Gynostemma pentaphyllum; Saponin; Gastric ulcers
3. Antimicrobial and cytotoxic activity of 18 prenylated flavonoids isolated from medicinal plants: *Morus alba* L., *Morus mongolica* Schneider, *Broussonetia papyrifera* (L.) Vent, *Sophora flavescens* Ait and *Echinosophora koreensis* Nakai/H-Y Sohn, K H Son ...[et al.]
Phytomedicine. Nov 2004. Vol. 11, Iss. 7/8, p. 666-672
Keywords : Antimicrobial and cytotoxic activity; IC^{sub 50}; Minimum inhibitory concentration (MIC); Prenylated flavonoids
4. Antioxidant activity of medicinal herb *Rhodococcum vitis-idaea* on galactosamine-induced liver injury in rats/B-E Myagmar ...[et al.]
Phytomedicine. Jul 2004. Vol. 11, Iss. 5, p. 416-23
Keywords : Rhodococcum vitis idaea; Galactosamine; Hepatotoxicity; Free radical; Arbutin; Medicinal herb

5. Axillary multiplication of *Swertia chirayita* (Roxb. Ex Fleming) H. Karst., a critically endangered medicinal herb of temperate Himalayas/Pooja Joshi, Vibha Dhawan.
In Vitro Cellular & Developmental Biology.: Nov/Dec 2007. Vol. 43, Iss. 6, p. 631-638
Keywords : Conservation; Gentianaceae; Micropropagation

6. Brief communication: medicinal plant resources of the Lahu: a case study from Yunnan Province, China/Hu-Yin Huai, Sheng-Ji Pei.
Human Ecology. New York : Jun 2004. Vol. 32, Iss. 3, p. 383+
Keywords : Medicinal plants; Resources; Yunnan Province

7. Developing a *Nicotiana benthamiana* Network to Study Functional Genomics and Medicinal Plant Biology/Monto H Kumagai.
In Vitro Cellular & Developmental Biology. : Animal ABSTRACT : Spring 2004. Vol. 40, p. 30A
Keywords : Nicotiana benthamiana; Genomics; Biology

8. Effect of Juzen-taiho-to/TJ-48 on the expression of killer-cell immunoglobulin-like receptors (CD158a/b) on peripheral lymphocytes in vitro experiment/T Kogure, ..[et.al.]
Phytomedicine. May 2005. Vol. 12, Iss. 5, p. 327-332
Keywords : Juzen taiho to; Killer cell immunoglobulin like receptors (kirs); Interleukin-2; Antitumor effect; Kampo formulation; Flow cytometric analysis

9. Effect of natural mulches on crop performance, weed suppression and biochemical constituents of Catnip and St. John's Wort/L M Duppong, ...[et.al.]
Crop Science. May/June 2004. Vol. 44, Iss. 3, p. 861-869
Keywords : Crops; Mulches; Weed suppression; Biochemical constituents

10. Efficacy and tolerance of a comfrey root extract (Extr. Rad. Symphyti) in the treatment of ankle distorsions: results of a multicenter, randomized, placebo-controlled, double-blind study/
R Koll ... [et al]
Phytomedicine. Sep 2004. Vol. 11, Iss. 6, p. 470-477
Keywords : Comfrey; Symphytum officinale; Clinical trial; Ankle; Sprain; Distorsion; Inflammation; Pain; Efficacy; Tolerance
11. Efficacy of different growth regulators at different stages of somatic embryogenesis in *Eryngium Foetidum* L. - a rare medicinal plant/K P Martin.
In Vitro Cellular & Developmental Biology.: Plant Columbia:Sep/Oct 2004. Vol. 40, Iss. 5, p. 459-463
Keywords: Coconut toddy; Coconut water; 2,4-dichlorophenoxyacetic acid; Kinetin; Spiny coriander.
12. Efficient micropropagation system for *Eclipta Alba* - a valuable medicinal herb/P Baskaran, N Jayabalan.
In Vitro Cellular & Developmental Biology.: Plant Columbia : Jul/Aug 2005. Vol. 41, Iss. 4, p. 532-539
Keywords : Axillary shoot proliferation; Ex vitro; Growth characters; Growth regulators; Hardening
13. Enhanced Triterpene and Phytosterol Biosynthesis in Panax ginseng Overexpressing Squalene Synthase Gene/Mi-Hyun Lee ...[et al.]
Plant & Cell Physiology. Aug 15, 2004. Vol. 45, Iss. 8, p. 976-984
Keywords :Ginsenoside; Methyl jasinonate; Panax ginseng; Phytosterol; Squalene synthase (EC2.5.1.2.1); Triterpene saponin

14. Environmental and genetic approaches to increase productivity of medicinal plants in liquid culture / Jeffrey Adelberg.
In Vitro Cellular & Developmental Biology.: Animal ABSTRACT 2004. Vol. 40, p. 22A
Keywords : Environmental; Genetics; Productivity; Liquid culture

15. Extracts of herbal *Hypericum perforatum* l combine with light to induce cytotoxicity/Unyime Nseyo ...[et al.]
The Journal of Nutrition.: *International Research Conference on Food, Nutrition...* Dec 2004. Vol. 134, Iss. 12S, p. 3533S
Keywords : Hypericum perforatum; Cytotoxicity; Extract; Herbal

16. Flavonoids from Radix Scutellariae as potential stroke therapeutic agents by targeting the second postsynaptic density 95 (PSD-95)/disc large/zonula occludens-1 (PDZ) domain of PSD-95/W Tang, Sun ...[et al.]
Phytomedicine. Apr 2004. Vol. 11, Iss. 4, p. 277-84
Keywords : Nitric oxide synthase, NMDA receptor, PDZ domain, PSD-95, Scutellaria baicalensis Georgi, Labiatae, Stroke, Traditional Chinese medicine, TCM

17. High-frequency, direct bulblet induction from rhizome explants of *Curculigo orchioides* Gaertn., an endangered medicinal herb/T Dennis Thomas.
In Vitro Cellular & Developmental Biology.: Sep/Oct 2007. Vol. 43, Iss. 5, p. 442-448
Keywords : Bulblet regeneration ; Curculigo orchioides; Endangered medicinal plant ; Hypoxidaceae

18. *In vitro* isoflavonoid production in callus from different organs of *Pueraria lobata* (Wild.) Ohwi /Adam Matkowski.
Journal of Plant Physiology. Mar 2004. Vol.161, Iss. 3, p. 343-346
Keywords : Callus; Isoflavonoid ; Pueraria lobata ; Puerarin
19. *In vitro* propagation and extraction of Psoralen from *Psoralea corylifolia* Linn. -an endangered and rare traditional medicinal herb/Shahnaz Subhan, Veena Agrawal.
In Vitro Cellular & Developmental Biology.:
Animal ABSTRACT : Spring 2004. Vol. 40, p. 72A
Keywords : Psoralea corylifolia; Invitro propagation; Extraction
20. *In vitro* propagation of *Pluchea lanceolata*, a medicinal plant, and effect of heavy metals and different aminopurines on quercetin content/Sanjeev Kumar ...[et al.]
In Vitro Cellular & Developmental Biology.: Mar/Apr 2004. Vol. 40, Iss. 2, p. 171-176
Keywords: Abiotic stress; Aminopurines; Pluchea lanceolata; Quercetin content; Regeneration.
21. *In vitro* propagation of some important chinese medicinal plants and their sustainable usage/Satish Manohar Nalawade, Hsin-Sheng Tsay.
In Vitro Cellular & Developmental Biology.: Mar/Apr 2004. Vol. 40, Iss. 2, p. 143-154
Keywords : Angelica sinensis; Cell suspension cultures; Gentiana davidii; Organogenesis; Scrophularia yoshimurae; Somatic
22. Induction and inhibition of *Striga hermonthica* (del.) benth. germination by extracts of traditional chinese medicinal herbs/Y Q Ma ...[et al.]
Agronomy Journal. Sep/Oct 2004. Vol. 96, Iss. 5, p. 1349-1356
Keywords : Striga hermonthica; Germination; Extract; Traditional medical herbs

23. Involvement of NF-[kappa]B and c-myc signaling pathways in the apoptosis of HL-60 cells induced by alkaloids of *Tripterygium hypoglaucum* (levl.) Hutch /W-J Zhuang ...[et al.]
Phytomedicine. Apr 2004. Vol. 11, Iss. 4, p. 295-302
Keywords : Tripterygium hypoglaucum (levl.) Hutch extracts, Cytotoxicity; Apoptosis, cDNA Microarray
24. Market profiles and trade in medicinal plants in the Lowveld, South Africa /J Botha, E T F Witkowski, C M Shackleton.
Environmental Conservation. Cambridge:Mar 2004. Vol. 31, Iss. 1, p. 38-46
Keywords : Community based conservation; Kruger National Park; Sustainable livelihoods, Traditional healers
25. Micropropagation of threatened medicinal plants (*Allium wallichii*, *Bergenia ligulata* and *Lillium nepalense*) of Nepal/ Prakash Malla ...[et al.]
In Vitro Cellular & Developmental Biology.: Animal ABSTRACT 2004. Vol. 40, p. 47A
Keywords : Allium wallichii; Bergenia ligulata; Lillium nepalense; Micropropagation; Threatened
26. Need for establishing identities of 'bacoside A and B', the putative major bioactive saponins of Indian medicinal plant *Bacopa monnieri* /M Deepak, A Amit.
Phytomedicine. Feb 2004. Vol. 11, Iss. 2/3, p. 264-268
Keywords : Bacopa monnieri; Bioactive; Saponin; Indian
27. New virus targets fire ants/Steven M Valles.
Agricultural Research. Jul 2005. Vol. 53, Iss. 7, p. 23
Keywords : Fire ants; Virus
28. Pharmacognosy: Phytochemistry, medicinal plants/Wolfgang Schuhly.
Phytomedicine. Jan 2004. Vol. 11, Iss. 1, p. 90
Keywords: Medicinal plants; Pharmacognosy;Phytochemistry

29. Plant regeneration from stem nodal segments of orthosiphon stamineus benth., a medicinal plant with diuretic activity/Lee Wai Leng, Chan Lai-Keng.
In Vitro Cellular & Developmental Biology::Jan/Feb 2004. Vol. 40, Iss. 1, p. 115-118
Keywords : Acclimatization; In vitro plantlets; Medicinal plant; Multiple shoots; Orthosiphon stamineus; Stem explants.
30. Plant regeneration through somatic embryogenesis in medicinally important centella asiatica L/K P Martin.
In Vitro Cellular & Developmental Biology:: Nov/Dec 2004. Vol. 40, Iss. 6, p. 586-591
Keywords : Callus ; Embryo ; Growth regulators ; Hypocotyl and internode explants ; Regeneration
31. Preliminary immunomodulatory activities of methanol extracts of *Eclipta alba* and *Centella asiatica*/M G Jayathirtha, S H Mishra
Phytomedicine. Apr 2004. Vol. 11, Iss. 4, p. 361-5
Keywords : Antibody titer; Carbon clearance test; C. asiatica; E. alba
32. Production of genetically uniform plants from nodal explants of *Swertia chirata* Buch.-Ham. ex Wall.-an endangered medicinal herb/ Rituparna Kundu Chaudhuri, Amita Pal, Timir Baran Jha.
In Vitro Cellular & Developmental Biology:: Plant Columbia:Sep/Oct 2007. Vol. 43, Iss. 5, p. 467-472
Keywords : DNA fingerprinting ; Genetic stability; Micropropagation; Shoot organogenesis ; Swertia chirata

33. Protective effect of Keishi-bukuryo-gan and its constituent medicinal plants against nitric oxide donor-induced neuronal death in cultured cerebellar granule cells / Y Shimada ...[et al.]
Phytomedicine. Jul 2004. Vol. 11, Iss. 5, p. 404-410
Keywords : **Kampo medicine; Keishi bukuryo gan; Nitric oxide donor; Neuronal death; Protective effect**
Abbreviations: CGC, Cerebellar granule cell; NO, Nitric oxide; SNP, Sodium nitroprusside; NOC18, 2,2-(hydroxynitrosohydrazino)bis-ethanamine; MTT, 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl-tetrazolium bromide; KBG, Keishi-bukuryo-gan; KBGE, Keishi bukuryo gan extract; CCE, Cinnamomi cortex extract; PRE, Paeoniae radix extract; MCE, Moutan cortex extract; PSE, Persicae semen extract; HE, Hoelen extract
34. Protective effects of Choto-san and roots and stems of *Uncaria sinensis* against delayed neuronal death after transient forebrain ischemia in gerbil/Koichi Yokoyama ...[et al.]
Phytomedicine. Sep 2004. Vol. 11, Iss. 6, p. 478-89
Keywords : **Choto san; Uncaria sinensis; Cerebral ischemia; Reperfusion; Hippocampus; Neuroprotection**
35. Protoplast technology and medicinal plants /Praveen K Saxena.
In Vitro Cellular & Developmental Biology.: Animal ABSTRACT 2004. Vol. 40, p. 17A
Keywords : **Protoplast; Technology**
36. Recent progress in medicinal plants, Vol. 6. Diseases and their management /Sonia Mesia-Vela.
Phytomedicine. :Sep 2004. Vol. 11, Iss. 6, p. 558-559
Keywords : **Diseases; Management; Progress**

37. Recent Progress in medicinal plants. Vol. 6. Diseases and their Management /Sonia Mesia-Vela.
Phytomedicine. :Feb 2004. Vol. 11, Iss. 2/3, p. 271-272
Keywords : Medicinal plants; Diseases; Management
38. Screening of elite germplasm and micropropagation of coptis teeta, a rare and endemic medicinal plant species of Eastern Himalayas / P J Handique, S Chetia, P Bhuyan, J G Handique.
In Vitro Cellular & Developmental Biology.: Animal ABSTRACT 2004. Vol. 40, p. 51A
Keywords : Germplasm; Micropropagation; Eastern Himalayas
39. Studies on medicinal plants of Ivory Coast: investigation of *Sida acuta* for in vitro antiplasmodial activities and identification of an active constituent/J-T Banzouzi ...[et al.]
Phytomedicine. Apr 2004. Vol. 11, Iss. 4, p. 338-341
Keywords : In vitro; Investigation; Antiplasmodial; Connstituent; Ivory Coast
40. Turkish plant oils can annihilate pests/David E Wedge
Agricultural Research. Jul 2005. Vol. 53, Iss. 7, p. 23
Keywords : Plants Oils; Pests

SCIENCEDIRECT

41. Agrobacterium-mediated transformation in the high-value medicinal plant *Echinacea purpurea*/ Hsin-Mei Wang, Kin-Ying
Plant Science, Volume 166, Issue 4, April 2004, p. 1087-1096, ISSN 0168-9452,
Keywords: Agrobacterium mediated transformation; Chalcone synthase; Echinacea purpurea; Plant regeneration; Purple coneflower; Transgenic plants; Medical plants

42. Alkaloids of *Antizoma angustifolia* (Menispermaceae)/Helene De Wet ...[et al.]
Biochemical Systematics and Ecology, Volume 32, Issue 12, December 2004, p. 1145-1152, ISSN 0305-1978,
Keywords : Menispermaceae; Antizoma angustifolia; Major alkaloids; Crotsparine; Glaziovine; Pronuciferine; Bulbocapnine; Salutaridine; Cissacapine; Insularine
43. Antioxidant activity of *Piper betle* L. leaf extract in vitro/Nabasree Dasgupta, Bratati De
Food Chemistry, Volume 88, Issue 2, November 2004, p. 219-224, ISSN 0308-8146,
Keywords: Piper betle leaf; Antioxidant activity
44. Cadmium, mercury and lead in medicinal herbs in Brazil/E. D. Caldas, L. L. Machado
Food and Chemical Toxicology, Volume 42, Issue 4, April 2004, p. 599-603, ISSN 0278-6915
Keywords: Lead; Mercury; Cadmium; Medicinal plants; Herbal medicines; Brazil
45. Chemotaxonomic analysis of terpenoid variation in *Cannabis*/Karl W. Hillig,
Biochemical Systematics and Ecology, Volume 32, Issue 10, October 2004, p. 875-891, ISSN 0305-1978,
Keywords: Cannabis; Chemotaxonomy; Essential oil; Eudesmol; Guaiol; Hemp; Taxonomy; Terpene
46. Comparative determination of multi-pesticide residues in *Pimpinella anisum* using two different AOAC methods/Reema M. K. Hajou ...[et al.]
Food Chemistry, Volume 88, Issue 3, December 2004, p. 469-478, ISSN 0308-8146,
Keywords: Pesticide residues; Pimpinella anisum; Florisil cleanup

47. Effect of butanolic extracts from terrestrial herbs and seaweeds on the survival, growth and pathogen (*Vibrio parahaemolyticus*) load on shrimp *Penaeus indicus*/juveniles G. Immanuel ...[et al.]
Aquaculture, Volume 236, Issues 1-4, 14 June 2004, p. 53-65, ISSN 0044-8486
Keywords: Penaeus indicus; Vibrio parahaemolyticus; Ricinus communis; Phyllanthus niruri; Leucus aspera; Manihot esculenta; Ulva lactuca; Sargassum wightii
48. Effect of chromium accumulation on photosynthetic pigments, oxidative stress de/Vartika Rai ...[et al.]
Plant Science, Volume 167, Issue 5, November 2004, p. 1159-1169, ISSN 0168-9452,
Keywords: Chromium accumulation; Medicinal plant; Antioxidant enzymes; Eugenol and proline contents; Photosynthetic pigments and nitrate reductase activity
49. Effects of spacing and harvesting time on herbage yield and quality/quantity of oil in thyme, *Thymus vulgaris* L./Hassanali Naghdi Badi ...[et al.]
Industrial Crops and Products, Volume 19, Issue 3, May 2004, p. 231-236, ISSN 0926-6690,
Keywords: Thymus vulgaris; Dry matter; Oil; Thymol; Carvacrol
50. Flavonoids and andrographolides from *Andrographis paniculata*/ Y. Koteswara Rao ...[et al.]
Phytochemistry, Volume 65, Issue 16, August 2004, p. 2317-2321, ISSN 0031-9422
Keywords: Andrographis paniculata; Acanthaceae; Flavonoids; Andrographolide diterpenoids; Benzenoids

51. Free radical-scavenging activity of organic extracts and of pure flavonoids of *Blumea balsamifera* DC leaves/Fazilatun N. ..[et al.] *Food Chemistry*, Volume 88, Issue 2, November 2004, p. 243-252, ISSN 0308-8146,
Keywords: Blumea balsamifera DC; Antioxidants; Flavonoids; 1,1-Diphenyl-2- picrylhydrazyl radical
52. Heavy trace metals and macronutrients status in herbal plants of Nigeria/Al Moaruf Olukayode Ajasa ...[et al.] *Food Chemistry*, Volume 85, Issue 1, March 2004, p. 67-71, ISSN 0308-8146,
Keywords: Medicinal plants; Metal contents; Microwave dissolution; Atomic absorption spectrophotometer
53. High yields of artemisinin by multi-harvest of *Artemisia annua* crops/Sushil Kumar... [et al.] *Industrial Crops and Products*, Volume 19, Issue 1, January 2004, p. 77-90, ISSN 0926-6690,
Keywords: Artemisia annua cropping; Multi harvesting for high artemisinin yields; Artemisinin production in Indo Gangetic plains; Rotation of Artemisia annua and conventional crops; Ratooning in Artemisia annua
54. In vitro isoflavonoid production in callus from different organs of *Pueraria lobata* (Wild.) Ohwi /Adam Matkowski, *Journal of Plant Physiology*, Volume 161, Issue 3, 2004, p. 343-346, ISSN 0176-1617,
Keywords: Callus; Isoflavonoid; Pueraria lobata; Puerarin
55. *In vitro* production and chemical characterization of St. John's wort (*Hypericum perforatum* L. cv 'New Stem')/S. M. A. Zobayed, *Plant Science*, Volume 166, Issue 2, February 2004, p. 333-340, ISSN 0168-9452,.
Keywords: Bioreactor; Forced ventilation; Hypericin; Hyperforin; Pseudohypericin; St. John's wort

56. Increasing the content of leaf and root alkaloids of high alkaloid content mutants of periwinkle through nitrogen fertilization/Y. Sreevalli ...[et al.]
Industrial Crops and Products, Volume 19, Issue 2, March 2004, p. 191-195,ISSN 0926-6690,
Keywords: Periwinkle; Medicinal plant; Alkaloid content; Nitrogen application
57. Inhibitory effects of *Centella asiatica* on azoxymethane-induced aberrant crypt focus formation and carcinogenesis in the intestines of F344 rats/P. Bunpo ...[et al.]
Food and Chemical Toxicology, Volume 42, Issue 12, December 2004, p. 1987-1997, ISSN 0278-6915
Keywords: Azoxymethane (AOM); Aberrant crypt foci (ACF); Intestinal tumor; Centella asiatica; Cell proliferation; Apoptosis
58. Lignans from the roots of *Echinops giganteus*/Mathieu Tene ...[et al.]
Phytochemistry, Volume 65, Issue 14, Reports on Structure Elucidation, July 2004, p. 2101-2105, ISSN 0031-9422,
Keywords: Echinops giganteus; Compositae; Unsymmetrical lignans; Furofuran derivatives
59. Medicinal Plants of the World, Volume I, Chemical Constituents, Traditional and Modern Uses: Ivan A. Ross/Birgit Drager,
Plant Science, Volume 166, Issue 1, January 2004, p. 255, ISSN 0168-9452,
Keywords: Medicinal plant ; Chemical constituents ; Traditional

60. Mortality trends in the African cherry (*Prunus africana*) and the implications for colobus monkeys (*Colobus guereza*) in Kakamega Forest, Kenya/Peter J. Fashing,
Biological Conservation, Volume 120, Issue 4, December 2004, p. 449-459, ISSN 0006-3207,
Keywords: Prunus africana; Colobus guereza; Medicinal plant; Bark harvesting; Fallback resource
61. Natural antimycobacterial metabolites: current status/Adewole L. Okunade ...[et al.]
Phytochemistry, Volume 65, Issue 8, April 2004, p. 1017-1032, ISSN 0031-9422,
Keywords: Review; Antimycobacterial metabolites; Plants; Fungi; Marine organisms
62. Optimized system for biomass production, chemical characterization and evaluation of chemo-preventive properties of *Scutellaria baicalensis*/Georgi S. M. A. Zobayed, ...[et.al.]
Plant Science, Volume 167, Issue 3, September 2004, p. 439-446, ISSN 0168-9452
Keywords: Antimutagenesis; Baicalin; Baicalein; Germplasm; Huang-qin; Scutellaria baicalensis; Transgenic rat; Wogonin
63. Parasitization of melon fly (Diptera: Tephritidae) by *Fopius arisanus* and *Psytalia fletcheri* (Hymenoptera: Braconidae) and the effect of fruit substrates on host preference by parasitoids/ Renato C. Bautista ...[et al.]
Biological Control, Volume 30, Issue 2, June 2004, p. 156-164, ISSN 1049-9644,
Keywords: Tephritidae; Melon fruit fly; Bactrocera cucurbitae; Fopius arisanus; Psytalia fletcheri; Parasitoids; Life table; Host preference

64. Role of vegetative propagation in the domestication of *Pausinystalia johimbe* (K. Schum), a highly threatened medicinal species of West and Central Africa/Z. Tchoundjeu ...[et al.]
Forest Ecology and Management, Volume 188, Issues 1-3, 5 February 2004, p. 175-183, ISSN 0378-1127,
Keywords: Auxin; Leaf area; Leafy stem cuttings; Medicinal plant; Non-mist propagator; Rooting medium
65. Sanguinarine and chelerythrine: assessment of safety on pigs in ninety days feeding experiment/Pavel Kosina ...[et al.]
Food and Chemical Toxicology, Volume 42, Issue 1, January 2004, p. 85-91, ISSN 0278-6915,
Keywords: Macleya cordata; Sanguinarine; Chelerythrine; Swine; Oral Administration; Absorption; Fecal elimination; Biochemical markers; Adverse effects; Epidemic dropsy syndrome
66. Screening of radical scavenging activity of some medicinal and aromatic plant extracts/G. Miliauskas, P. R. Venskutonis, T. A. van Beek,
Food Chemistry, Volume 85, Issue 2, April 2004, p. 231-237, ISSN 0308-8146,
Keywords: Radical scavenging; DPPH; ABTS; Total phenolics; Flavonoids; Flavonols; Medicinal plants; Aromatic plants
67. Soil nutrient factors related to salidroside production of *Rhodiola sachalinensis* distributed in Chang Bai Mountain/Xiufeng Yan, Shuangxiu ...[et al.]
Environmental and Experimental Botany, Volume 52, Issue 3, December 2004, p. 267-276, ISSN
Keywords: Rhodiola sachalinensis; Medicinal plant; Salidroside; Secondary metabolism; Soil nutrition; Environmental factors

68. Terpenes from *Otostegia integrifolia*/Hailemichael Tesso, Wilfried A. König,
Phytochemistry, Volume 65, Issue 14, Reports on Structure Elucidation, July 2004, p. 2057-2062, ISSN 0031-9422,
Keywords: *Otostegia integrifolia* Benth.; Lamiaceae; Essential oil; Furanolabdane diterpenes; Otostegindiol; Preotostegindiol; (+)-Axinyssene; Pentatriacontane; Stigmasterol
69. Toxicity and repellence of African plants traditionally used for the protection of stored cowpea against *Callosobruchus maculatus*/S. J. Boeke ...[et al.]
Journal of Stored Products Research, Volume 40, Issue 4, 2004, p. 423-438, ISSN 0022-474X
Keywords: Stored product pests; Botanical insecticides; *Vigna unguiculata*; Coleoptera; Life-history; *Callosobruchus maculatus*

TEEAL

70. Determination of fumonisins B1 and B2 in herbal tea and medicinal plants in Turkey by high-performance liquid chromatography/ Omurtag-G-Z. Yazicioglu-D,
Journal of Food Protection, 2004, 67 (67), p. 1782-1786
Keywords: Herbal tea; Medicinal plants; Fumonius B1; Fumomios B2; Turkey

BIBLIOGRAFI 2005

PROQUEST

71. 1,3-dihydroxy-5-(tridec-4',7'-dienyl)benzene: a new cytotoxic compound from *Lithraea molleoides* /P López ...[et al.]
Phytomedicine. Jan 2005. Vol. 12, Iss. 1/2, p. 108-111
Keywords: Lithraea molleoides ; Cytotoxic compound
72. Antibacterial efficacy of *Withania somnifera* (ashwagandha) an indigenous medicinal plant against experimental murine salmonellosis /M Owais ...[et al.]
Phytomedicine. Mar 2005. Vol. 12, Iss. 3, p. 229-235
Keywords: Withania somnifera ; Indigenous medicinal plant ; Antibacterial ; Salmonellosis
73. Bitter melon: an exotic vegetable with medicinal values/A H Subratty, A Gurib-Fakim, F Mahomoodally.
Nutrition and Food Science. . 2005Vol. 35, Iss. 3/4, p. 143-147
Keywords: Biter melon ; Exotic vegetable
74. Characterization, genetic improvement and cultivation of *Chlorophytum borivilianuman* important medicinal plant of India /Satyabrata Maiti, KA Geetha.
Plant Genetic Resources. Aug 2005. Vol. 3, Iss. 2, p. 264-272
Keywords : Chlorophytum borivilianuman; Medicinal plant ; India
75. Chemical Composition of the Essential Oil from the Leaves of *Curcuma zedoaria* Rosc. of Indian Origin/S N Garg ...[et al.]
Journal of Essential Oil Research : Jan/Feb 2005. Vol. 17, Iss. 1, p. 29-31
Keywords: Curcuma zedoaria ; Essential oil ; Leaves ; Chemical composition

76. Effect of auxins on indirect in vitro morphogenesis and expression of gusa transgene in a lectinaceous medicinal plant, *Euphorbia Nivulia* Buch.-Ham/C Sunandakumari ...[et.al.]
In Vitro Cellular & Developmental Biology.: Sep/Oct 2005. Vol. 41, Iss. 5, p. 695-699
Keywords : Euphorbia Nivulia ; Auxins ; In vitro ; Medicinal plants
77. *Ex situ* conservation of *Aconitum heterophyllum* Wall.--an endangered medicinal plant of the Himalaya through mass propagation and its effect on growth and alkaloid content/ Subedar Pandey ...[et al.]
Plant Genetic Resources. Aug 2005. Vol. 3, Iss. 2, p. 127-135
Keywords: Aconitum heterophyllum; Ex situ; Himalaya
78. Fungal endophytes from the three-leaved caper, *Crataeva magna* (Lour.) DC. (Capparidaceae)/Monnanda S. Nalini ...[et al.]
Mycopathologia. Feb 2005. Vol. 159, Iss. 2, p. 245-249
Keywords: Crataeva magna ; Fungal endophytes ; Capparidaceae
79. Genomic and ploidy manipulation for enhanced production of phytopharmaceuticals/UC Lavania.
Plant Genetic Resources. Aug 2005. Vol. 3, Iss. 2, p. 170-177
Keywords: Phytopharmaceuticals; Genomic; Ploidy manipulation
80. Improvement of medicinal plant quality: a *Hypericum perforatum* literature review as an example/A Poutaraud, P Girardin.
Plant Genetic Resources. :Aug 2005. Vol. 3, Iss. 2, p. 178-189
Keywords: Hypericum perforatum ; Medicinal plant ; Quality

81. *In vitro* culture and cultivation of Chinese medicinal plants for industrial utilization and genetic resource conservation/Wenyuan Gao ...[et al.]
Plant Genetic Resources. Aug 2005. Vol. 3, Iss. 2, p. 116-126
Keywords: Chinese medicinal plants ; In vitro Industrial uses
82. In vitro propagation of the chinese medicinal plant, dendrobium candidum wall. ex lindl., from axenic nodal segments/Yih-Juh Shiau ...[et al.]
In Vitro Cellular & Developmental Biology.: Sep/Oct 2005. Vol. 41, Iss. 5, p. 666-670
Keywords : Dendrobium candidum; In vitro ; Chinese medicinal plants
83. Influence of auxins in direct in vitro morphogenesis of *euphorbia nivulia*, a lectinaceous medicinal plant/K P Martin ...[et al.]
In Vitro Cellular & Developmental Biology.: May/Jun 2005. Vol. 41, Iss. 3, p. 314-319
Keywords: Euphorbia nivulia ; Auxins ; In vitro ; Medicinal plant
84. Integrated approach to identification and conservation of medicinal plants in the tropical forest--a Brazilian experience/Luiz Claudio Di Stasi.
Plant Genetic Resources. Aug 2005. Vol. 3, Iss. 2, p. 199-205
Keywords : Medicinal plants ; Tropical forest ; Conservation ; Brazil
85. Macropropagation of an endangered medicinal plant, *Enantia chlorantha* oliv./A E Gbadamosi, O Oni.
Journal of Arboriculture. Mar 2005. Vol. 31, Iss. 2, p. 78-82
Keywords: Eunantia chlorantha ; Medicinal plant ; Macropropagation ;

86. Micropropagation of *Clitoria ternatea* Linn. (Fabaceae) - An important medicinal plant/G R Rout.
In Vitro Cellular & Developmental Biology.: Jul/Aug 2005.
 Vol. 41, Iss. 4, p. 516-519
Keywords: Clitoria ternatea ; Micropropagation ; Medicinal plants
87. Micropropagation of *Eclipta alba* (L.) Hassk - An important medicinal plant/Neeti Dhaka, S L Kothari.
In Vitro Cellular & Developmental Biology.: Sep/Oct 2005.
 Vol. 41, Iss. 5, p. 658-661
Keywords : Eclipta alba ; Medicinal plant ; Micropropagation
88. Micropropagation of *Terminalia bellirica* Roxb. - A sericulture and medicinal plant/M Ramesh ...[et al.]
In Vitro Cellular & Developmental Biology.: May/Jun 2005.
 Vol. 41, Iss. 3, p. 320-323
Keywords: Terminalia bellirica ; Medicinal plant ; Micropropagation
89. Organogenesis, embryogenesis, and synthetic seed production in *Arnebia euchroma* - A critically endangered medicinal plant of the Himalaya/Sumit Manjkhola, Uppeandra Dhar, Meena Joshi.
In Vitro Cellular & Developmental Biology.: May/Jun 2005.
 Vol. 41, Iss. 3, p. 244-248
Keywords: Arnebia euchroma ; Seed production ; Himalaya
90. *Plantago ovata*: genetic diversity, cultivation, utilization and chemistry/MK Dhar, S Kaul, S Sareen, AK Koul.
Plant Genetic Resources. Aug 2005. Vol. 3, Iss. 2, p. 252-263
Keywords: Plantago ovata ; Cultivation ; Genetic diversity

91. Platelet-activating factor (PAF) receptor-binding antagonist activity of Malaysian medicinal plants/I Jantan, I A A Rafi, J Jalil.
Phytomedicine. Jan 2005. Vol. 12, Iss. 1/2, p. 88-92
Keywords: Medicinal plants ; Malaysia ; Platelet activating ; Factor
92. Pre- and post-harvest processing of medicinal plants/Hakibu Tanko ...[et al.]
Plant Genetic Resources. Aug 2005. Vol. 3, Iss. 2, p. 304-313
Keywords: Medicinal plant ; Postharvest processing
93. Preliminary studies of *Mammea americana* L. (Guttiferae) bark/latex extract point to an effective antiulcer effect on gastric ulcer models in mice/W Toma ...[et al.]
Phytomedicine. May 2005. Vol. 12, Iss. 5, p. 345-350
Keywords: Mammea americana ; Latex extract ; Antiulcer ; Mice
94. Recent progress in medicinal plants, Vol. 5-crop improvement, production technology, trade and commerce (1st Edition)/Rainer W Bussmann.
Phytomedicine. Jan 2005. Vol. 12, Iss. 1/2, p. 161
Keywords: Medicinal plants ; Ethnomedicine ; Pharmacognosy
95. Recent progress in medicinal plants, Vol. I: Ethnomedicine and Pharmacognosy/Ezra Bejar.
Phytomedicine. :Jan 2005. Vol. 12, Iss. 1/2, p. 162-163
96. Somatic embryogenesis, encapsulation, and plant regeneration of *rotula aquatica* Lour., a rare rheophytic woody medicinal plant /M Chithra ...[et al.]
In Vitro Cellular & Developmental Biology.: Jan/Feb 2005. Vol. 41, Iss. 1, p. 28-31
Keywords: Rotula aquatica ; Medicinal plants ; Rheophytic

97. Thidiazuron induced in vitro shoot organogenesis of the medicinal plant *Arnebia euchroma* (Royle) Johnston/Bo Jiang ...[et al]
In Vitro Cellular & Developmental Biology.: Sep/Oct 2005. Vol. 41, Iss. 5, p. 677-681)
Keywords : Arnebia euchroma ; In vitro ; Medicinal plant
98. Traditional medicines and medicinal plants, and their protection modalities from an Intellectual Property Rights perspective/MD Nair.
Plant Genetic Resources. Aug 2005. Vol. 3, Iss. 2, p. 314-319
Keywords: Medicinal plant ; Protection modalitis ; Intellectual property

SCIENCE DIRECT

99. Alkaloids of *Antizoma miersiana* (Menispermaceae)/Helene de Wet ...[et al.]
Biochemical Systematics and Ecology, Volume 33, Issue 8, August 2005, p. 799-807, ISSN 0305-1978,
Keywords: Menispermaceae; Antizoma miersiana; A. angustifolia; Isoquinoline alkaloids; chemotaxonomy; Southern Africa
100. Antioxidative properties and stability of ethanolic extracts of Holy basil and Galangal/T. Juntachote, E. Berghofer
Food Chemistry, Volume 92, Issue 2, September 2005, p. 193-202, ISSN 0308-8146,
Keywords: Ocimum sanctum Linn; Alpinia galanga; Antioxidant activity; Scavenging effect; Chelating effect; Reducing power; Lipoxigenase inhibitory activity

101. cDNA cloning and characterization of a ribosome inactivating protein of a hemi-parasitic plant (*Viscum album* L.) from North-Western Himalaya (India/Vandana Mishra ...[et al.]
Plant Science, Volume 168, Issue 3, March 2005, p. 615-625, ISSN 0168-9452,
Keywords: Viscum album; Himalayan mistletoe ribosome inactivating protein; Mistletoe lectin; Sugar specificity; Amino acid sequence; cDNA cloning; Phylogeny
102. Characterization of cell wall polysaccharides from the medicinal plant *Panax notoginseng*/Ying Zhu...[et al.]
Phytochemistry, Volume 66, Issue 9, May 2005, p. 1067-1076, ISSN 0031-9422,
Keywords: Index Panax notoginseng; Cell walls; Composition; Polysaccharides; Protein; Medicinal plant
103. Chlorinated coumarinolignan from the African medicinal plant, *Mondia whitei*/Ramesh Patnam ...[et al.]
Phytochemistry, Volume 66, Issue 6, Reports on Structure Elucidation, March 2005, p. 683-686, ISSN 0031-9422,
Keywords: Mondia whitei; Asclepiadiaceae; Chlorinated coumarinolignan; Propacin, 5-Chloropropecin
104. Conservation of Himalayan medicinal plants: Harvesting patterns and ecology of two threatened species, *Nardostachys grandiflora* DC. and *Neopicrorhiza scrophulariiflora* (Pennell) Hong/Suresh Kumar Ghimire ...[et al.]
Biological Conservation, Volume 124, Issue 4, August 2005, p. 463-475, ISSN 0006-3207,
Keywords: Smoke; Seedling vigour; Medicinal plants; Albuca pachyklamys; Merwillia natalensis; Tulbaghia violacea

105. Cyclohexanoid protoflavanones from the stem-bark and roots of *Ongokea gore*/Gerold Jerz, Reiner Waibel, Hans Achenbach
Phytochemistry, Volume 66, Issue 14, Structure Elucidation, Reports on Structure Elucidation, July 2005, p. 1698-1706, ISSN 0031-9422,
Keywords: **Ongokea gore; Olacaceae; Cyclohexanoid protoflavanones; Ongokein; (2S)-Ongokein-4'-one; (2S)-4',4'-Dimethoxy-ongokein; (2S)-cis-4'-Hydroxy-ongokein; (2S)-trans-4'-Hydroxy-ongokein; (2S)-Ongokein-2'-en-4'-one; (2S)-5-Hydroxy-2-(4'-oxo-2'-cyclohexenyl)-7-methoxychroman-4-one; (-)-(S)-Sakuranetin**
106. Cyclopeptide alkaloids from *Scutia buxifolia* Reiss and their antimicrobial activity/Ademir F. Morel ...[et al.]
Phytochemistry, Volume 66, Issue 21, November 2005, p. 2571-2576, ISSN 0031-9422,
Keywords: **Scutia buxifolia; Rhamnaceae; Cyclopeptide alkaloids; Antimicrobial activity**
107. Effect of water and temperature stress on the content of active constituents of *Hypericum brasiliense* Choisy/Ilka Nacif de Abreu, Paulo Mazzafera,
Plant Physiology and Biochemistry, Volume 43, Issue 3, March 2005, p. 241-248, ISSN 0981-9428,
Keywords: **Hypericum brasiliense; Water stress; Temperature; Betulinic acid; Phenolics**
108. Enhancement of anthraquinone accumulation in *Morinda citrifolia* suspension cultures/Palle Komaraiah, ...[et.al.]
Plant Science, Volume 168, Issue 5, May 2005, p. 1337-1344, ISSN 0168-9452,
Keywords: **Methyl jasmonate; Linolenic acid; Salicylate; Nitric oxide; Ultrasonication; Confocal fluorescence microscopy**

109. Evaluation of a method to determine the natural occurrence of aflatoxins in commercial traditional herbal medicines from Malaysia and Indonesia/N. Ali, ...[et.al.]
Food and Chemical Toxicology, Volume 43, Issue 12, December 2005, p. 1763-1772, ISSN 0278-6915,
Keywords: Aflatoxins; Herbal medicines; Natural occurrence; Malaysia; Indonesia
110. Evolution of herbal medicine: behavioural perspectives/
 Benjamin L. Hart,
Animal Behaviour, Volume 70, Issue 5, November 2005, p. 975-989, ISSN 0003-3472,
111. Expression, purification and characterization of recombinant (E)-[beta]-farnesene synthase from *Artemisia annua*/Sarah Picaud, Maria Brodelius, Peter E. Brodelius
Phytochemistry, Volume 66, Issue 9, May 2005, p. 961-967, ISSN 0031-9422,
Keywords: Artemisia annual; Purification; Characterization
112. First prenylation step in hyperforin biosynthesis/Zakia Boubakir ...[etal.]
Phytochemistry, Volume 66, Issue 1, January 2005, p. 51-57, ISSN 0031-9422,
Keywords: Hypericum calycinum cell cultures; Hyperforin biosynthesis; Prenylation; Phlorisobutyrophenone dimethylallyl
113. Furanocoumarin and polymethoxylated flavonoids from the Yucatec Mayan plant *Casimiroa tetrameria*/Bilkis Heneka ...[et al.]
Phytochemistry, Volume 66, Issue 6, Reports on Structure Elucidation, March 2005, p. 649-652, ISSN 0031-9422,
Keywords: Polymethoxyflavones; Furanocoumarin; Yucatec Maya; Rutaceae

114. Genetic transformation of the medicinal plant *Ruta graveolens* L. by an *Agrobacterium tumefaciens*-mediated method/Karine Lievre ...[et.al.]
Plant Science, Volume 168, Issue 4, April 2005, p. 883-888, ISSN 0168-9452,
Keywords: Agrobacterium tumefaciens; Ruta graveolens; Hypocotyl; Transgenic plant; gus; nptII
115. Hemlock alkaloids from Socrates to poison aloes/Tom Reynolds
Phytochemistry, Volume 66, Issue 12, June 2005, p. 1399-1406, ISSN 0031-9422,
Keywords: Hemlock; Aloes; Piperidine alkaloids; Poisons; Biosynthesis
116. High efficiency of genetic transformation and regeneration of *Artemisia annua* L. via *Agrobacterium tumefaciens*-mediated procedure/Jun-li Han ...[et al.]
Plant Science, Volume 168, Issue 1, January 2005, p. 73-80, ISSN 0168-9452,
Keywords: Artemisia annua L.; Agrobacterium tumefaciens; Transformation efficiency; Shoot induction frequency; GFP plant
117. Human capital, wealth, and nutrition in the Bolivian Amazon/Ricardo Godoy, ...[et.al.]
Economics & Human Biology, Volume 3, Issue 1, March 2005, p. 139-162, ISSN 1570-677X,
Keywords: Anthropometrics; Wealth; Human capital; Nutritional status; Tsimane'; Income inequality; Bolivia; Amazon; Indigenous populations; Height; Physical stature; Amerindians; Latin America

118. Immunological activities and structure of pectin from *Centella asiatica*/Xue Song Wang, Liu Liu, Ji Nian Fang
Carbohydrate Polymers, Volume 60, Issue 1, 7 April 2005, p. 95-101, ISSN 0144-8617
Keywords: Centella asiatica; Pectin; Immunological activity; Acetyl group; Carboxyl group
119. Improved efficiency of somatic embryogenesis from zygotic embryos in *Hyoscyamus niger* by seed water-soaking/Shanjun Tu, R.S. Sangwan, B.S. Sangwan-Norreel,
Scientia Horticulturae, Volume 106, Issue 3, 3 October 2005, p. 440-445, ISSN 0304-4238,
Keywords: Black henbane; Medicinal plant; Plant regeneration; Seed water soaking; Somatic embryogenesis
120. Indole alkaloids from the leaves of Philippine *Alstonia scholaris*/Allan Patrick G. ...[et.al.]
Phytochemistry, Volume 66, Issue 10, May 2005, p. 1158-1162, ISSN 0031-9422,
Keywords: Alstonia scholaris; Apocynaceae; Manilamine; N4-Methyl angustilobine B; Mass spectrometry; NMR spectroscopy; Monoterpene indole alkaloid biogenesis
121. Influence of chemical characteristics of soil on mineral and alkaloid seed contents of *Colchicum autumnale*/Anne Poutaraud, Philippe Girardin,
Environmental and Experimental Botany, Volume 54, Issue 2, September 2005, p. 101-108, ISSN 0098-8472,
Keywords: Alkaloid; Cobalt; Calcium; Manganese; Colchicum autumnale

122. Influence of different AM-fungi on the growth, nutrition and forskolin content of *Coleus forskohlii*/Gracy L. Sailoand, Davis J. Bagyaraj
Mycological Research, Volume 109, Issue 7, July 2005, p. 795-798, ISSN 0953-7562,
Keywords: Coleus forskohlii; AM-fungi; Growth; Nutrition; Forskolin
123. Influence of temperature and watering frequencies on seed germination and seedling growth of *Ornithogalum longibracteatum* and *Tulbaghia violacea*/M.G. Kulkarni, S.G. Sparg, J. van Staden,
Scientia Horticulturae, Volume 107, Issue 1, 1 December 2005, p. 103-109,
 ISSN 0304-4238,
Keywords: Bulbous plants; Growth requirements; Horticultural; Medicinal; Ornithogalum longibracteatum; Tulbaghia violacea
124. Insecticidal, repellent and oviposition-deterrent activity of selected essential oils against *Anopheles stephensi*, *Aedes aegypti* and *Culex quinquefasciatus*/Veena Prajapati ...[et al.]
Bioresource Technology, Volume 96, Issue 16, November 2005, p. 1749-1757,
 ISSN 0960-8524,
Keywords: Anopheles stephensi; Aedes aegypti; Culex quinquefasciatus; Essential oils; Oviposition-deterrence; Repellent; Insecticidal
125. Mass production of *Eleutherococcus koreanum* plantlets via somatic embryogenesis from root cultures and accumulation of eleutherosides in regenerants/So-Young Park ...[et al.]
Plant Science, Volume 168, Issue 5, May 2005, p. 1221-1225, ISSN 0168-9452,
Keywords: Eleutherococcus koreanum; Somatic embryogenesis; Root culture; Bioreactor; Eleutheroside; Woody plant

126. Metabolic stability of plants regenerated from cryopreserved shoot tips of *Dioscorea deltoidea* - an endangered medicinal plant/Sonali Dixit-Sharma ...[et al.]
Scientia Horticulturae, Volume 105, Issue 4, 29 July 2005, p. 513-517, ISSN 0304-4238,
Keywords: Dioscorea deltoidea; Cryopreservation; Diosgenin; Genetic stability; Medicinal plant
127. Micropropagation of *Vitis thunbergii* Sieb. et Zucc., a medicinal herb, through high-frequency shoot tip culture/ Mei-Chun Lu,
Scientia Horticulturae, Volume 107, Issue 1, 1 December 2005, p. 64-69, ISSN 0304-4238,
Keywords: Vitis thunbergii; Medium formulation; Cytokinin; Chlorophyll; Auxin; Medicinal plant; Micropropagation
128. Molecular evolution of flavonoid dioxygenases in the family Apiaceae/Yvonne Gebhardt ...[et al.]
Phytochemistry, Volume 66, Issue 11, Evolution of Metabolic Diversity, June 2005, p. 1273-1284, ISSN 0031-9422,
Keywords: Apiaceae; Flavonoid 2-oxoglutarate dependent dioxygenases; Evolution; Flavone synthase I; Flavanone 3[beta]-hydroxylase
129. New starches from *Fritillaria* species medicinal plants/ Shujun Wang ...[et al.]
Carbohydrate Polymers, Volume 61, Issue 1, 4 July 2005, p. 111-114, ISSN 0144-8617,
Keywords: Fritillaria; Starch; Crystallography; Morphology; Thermal; Medicinal plant

130. Paddy weed control by medicinal and leguminous plants from Southeast Asia/Tran Dang Khanh,
Crop Protection, Volume 24, Issue 5, May 2005, p. 421-431, ISSN 0261-2194,
Keywords: Allelopathy; Inhibition; Medicinal plant; Leguminous plant; Paddy field; Weed; Southeast Asia
131. Partial vacuum extends the longevity of primed bitter gourd seeds by enhancing their anti-oxidative activities during storage/Y.M. Yeh ...[et al.]
Scientia Horticulturae, Volume 104, Issue 1, 15 March 2005, p. 101-112, ISSN 0304-4238
Keywords: Anti oxidative activity; Bitter gourd; Bitter melon; Momordica charantia L.; Seed longevity; Seed priming; Partial vacuum storage
132. Partially purified bitter gourd (*Momordica charantia*) peroxidase catalyzed decolorization of textile and other industrially important dyes/Suhail Akhtar, Amjad Ali Khan, Qayyum Husain,
Bioresource Technology, Volume 96, Issue 16, November 2005, p. 1804-1811, ISSN 0960-8524.
Keywords: Bitter gourd; Peroxidases; 1-Hydroxybenzotriazole; Dye decolorization; Degradation activity
133. Pesticidal activities in five medicinal plants collected from mid hills of Western Himalayas/Dhananjay Kumar Tewary, Anu Bhardwaj, Adarsh Shanker
Industrial Crops and Products, Volume 22, Issue 3, November 2005, p. 241-247, ISSN 0926-6690,
Keywords: Medicinal plants; Agricultural pests; Aphid; Insecticides; Western Himalayas

134. RAPD based genetic relationships between populations of three chemotypes of *Cunila galioides* Benth/Fernando Fracaro ...[et al.]
Biochemical Systematics and Ecology, Volume 33, Issue 4, April 2005, p. 409-417, ISSN 0305-1978,
Keywords: Cunila galioides; Lamiaceae; Molecular markers; Chemotaxonomy; Genetic variation
135. Rescue of the Seychelles warbler on Cousin Island, Seychelles: the role of habitat restoration/Jan Komdeur, Mariette D. Pels
Biological Conservation, Volume 124, Issue 1, July 2005, p. 15-26, ISSN 0006-3207, DOI:
Keywords: Seychelles warbler; Habitat restoration; Population saturation; Demography; Effective breeding population; Buffer population; Genetic resilience
136. Responses of *Artemisia annua* L. to lead and salt-induced oxidative stress/M. Irfan Qureshi, ...[et.al.]
Environmental and Experimental Botany, Volume 53, Issue 2, April 2005, p. 185-193, ISSN 0098
Keywords: Artemisia annua; Lead; Oxidative stress
137. Slow post-hydration drying improves initial quality but reduces longevity of primed bitter melon seeds/R.H. Lin, ...[et.al.]
Scientia Horticulturae, Volume 106, Issue 1, 3 August 2005, p. 114-124, ISSN 0304-4238,
Keywords: Bitter melon; Momordica charantia; Post hydration drying; Seed priming; Seedling emergence; Storage; Total anti-oxidative

138. Structural features of an immunoactive acidic arabinogalactan from *Centella asiatica*/XueSong Wang ...[et al.]
Carbohydrate Polymers, Volume 59, Issue 3, 18 February 2005, p. 281-288, ISSN 0144-8617
Keywords: Centella asiatica; Immunological activity; Polysaccharide; Arabinogalactan; Pectolyase; Modification
139. Structure-antioxidant activity relationships of flavonoids isolated from different plant species/Braca, Cosimo Pizza ...[et al.]
Food Chemistry, Volume 92, Issue 2, September 2005, p. 349-355, ISSN 0308-8146,
Keywords: Flavonoids; Medicinal plants; Antioxidant activity; Free radicals
140. Sub-acute intoxication by *Senna occidentalis* seeds in rats/Marcos Barbosa-Ferreira,
Food and Chemical Toxicology, Volume 43, Issue 4, April 2005, p. 497-503, ISSN 0278-6915,
Keywords: Senna occidentalis; Rats; Hepatic degeneration; Cardiac degeneration; Muscle degeneration; CNS toxicity; Mitochondrial degeneration
141. Systematics and health effects of chemically distinct tannins in medicinal plants/Takuo Okuda
Phytochemistry, Volume 66, Issue 17, Tannins and Related Polyphenols (Part 1), September 2005, p. 2012-2031, ISSN 0031-9422,
Keywords: Hydrolyzable tannins; Polyphenols; Classification of hydrolyzable tannins; Hydrolyzable tannin oligomers; Oxidized polyphenols; Plant evolution; Inhibition of peroxidation, Radical scavenger

142. Trade and conservation of Himalayan medicinal plants: *Nardostachys grandiflora* DC. and *Neopicrorhiza scrophulariiflora* (Pennell) Hong/C.S. Olsen, *Biological Conservation*, Volume 125, Issue 4, October 2005, p. 505-514, ISSN 0006-3207,
Keywords: Non-timber forest products; Trade; Conservation; CITES; Nepal; India; Himalayas
143. Validation of Geospatial model for Biodiversity Characterization at Landscape Level--a study in Andaman & Nicobar Islands, India/P.S. Roy, ...[et.al.] *Ecological Modelling*, Volume 185, Issues 2-4, 10 July 2005, p. 349-369, ISSN 0304-3800,
Keywords: Biodiversity; Fragmentation; Disturbance; Biological richness; Andaman & Nicobar Islands; Validation; Regression analysis

TEEAL

144. Characterization of cell wall polysaccharides from the medicinal plant *Panax notoginseng*/Zhu-Ying. ...[et.al.] *Phytochemistry*, 2005, 66 (66), p. 1067-1076
Keywords: Polysaccharides; Medicinal plant; Panax notoginseng
145. Improving seedling vigour of indigenous medicinal plants with smoke/Sparg-S-G. ..[et.al.] *Bioresource Technology*, 2005, 96 (96), p. 1323-1330
Keywords: Medicinal plant; Seedling; Smoke

146. Influence of medicinal plants meal in piglets/Tesfaye-A. Selepcova-L,
Indian Veterinary Journal, 2005, 82 (82), p. 410-412
Keywords: Medicinal plant; Meal; Piglets
147. Medicinal plants in urban districts of Tanzania: plants gender roles and sustainable use/Augustino-S. Gillah-P-R,
International Forestry Review, 2005, 7 (7), p. 44-58,79,81
Keywords: Medicinal plant; Tanzania; Urban districts; Gender
148. Organogenesis on root, leaf, stem-disc, and scape explants of *Eryngium foetidum* L., a rare medicinal plant/Martin-K-P,
Journal of Herbs, Spices & Medicinal Plants, 2005, 11 (11), p. 9-17
Keywords: Medicinal plant; Eryngium foetidum; Organogenesis

BIBLIOGRAFI 2006

PROQUEST

149. Biomass Production of *Cymbopogon citratus* (D.C.) Stapf., A Medicinal Plant, In Temporary Immersion Systems/Elisa Quiala ...[et al.] *In Vitro Cellular & Developmental Biology.*: May/Jun 2006. Vol. 42, Iss. 3, p. 298-300
Keywords: Biomass production; Medicinal plant; Cymbopogon citrates
150. Himalayan medicinal plant diversity in an ecologically complex high altitude anthropogenic landscape, Dolpo, Nepal/Suresh Kumar Ghimire, Doyle McKey, Yildiz Aumeeruddy-Thomas. *Environmental Conservation.* Cambridge:Jun 2006. Vol. 33, Iss. 2, p. 128-140
Keywords: Conservation, Grazing, Himalaya, Human impact, Landscape heterogeneity, Medicinal plants, Rare species, Species diversity
151. *In vitro* clonal propagation through mature nodes of *Tinospora cordifolia* (Willd.) Hook. F. & Thoms.: An important ayurvedic medicinal plant/A V Raghu ...[et al.] *In Vitro Cellular & Developmental Biology.* Plant Columbia:Nov/Dec 2006. Vol. 42, Iss. 6, p. 584-588
Keywords: Direct regeneration; Medicinal climber; Menispermaceae; Tinospora cordifolia.
152. *In Vitro* Micropropagation And Ex Vitro Acclimation Of Bupleurum Kaoi - An Endangered Medicinal Plant Native To Taiwan/Uei-Chern Chen...[et al.] *In Vitro Cellular & Developmental Biology.* Plant Columbia:Mar/Apr 2006. Vol. 42, Iss. 2, p. 128-133
Keywords: Acclimation; Bupleurum kaoi; Container closure; Hyperhydricity; Proliferation; Rooting; Scanning electron microscope.

153. Influence of Ventilation Closure, Gelling Agent And Explant Type On Shoot Bud Proliferation And Hyperhydricity In *Scrophularia Yoshimurae* - A Medicinal Plant/Hsin-Sheng Tsay ...[et al.]
In Vitro Cellular & Developmental Biology.: Columbia:Sep/Oct 2006. Vol. 42, Iss. 5, p. 445-449
Keywords: Gelling agent; Hyperhydricity; In vitro propagation; Scrophularia yoshimurae; Ventilation closure of vessels.
154. Liquid Culture For Efficient Micropropagation of *Wasabia Japonica* (Miq.) Matsumura/Cao Dinh Hung, Krystyna Johnson, Fraser Torpy.
In Vitro Cellular & Developmental Biology.: Plant Columbia:Nov/Dec 2006. Vol. 42, Iss. 6, p. 548-552
Keywords: In vitro propagation; Liquid medium; Semi-solid medium; Shoot proliferation; Wasabia japonica.
155. Micropropagation of *Lepidium Virginicum* (Brassicaceae), A Plant With Antiprotozoal Activity/Lidia Osuna ...[et al.]
In Vitro Cellular & Developmental Biology. Plant Columbia:Nov/Dec 2006. Vol. 42, Iss. 6, p. 596-600
Keywords: Acclimatization; Antiprotozoal activity; Lepidium virginicum; Micropropagation
156. Plant regeneration from mesophyll protoplasts of a medicinal plant, *Phellodendron amurense* Rupr/M A K Azad ...[et al.]
In Vitro Cellular & Developmental Biology Nov/Dec 2006. Vol. 42, Iss. 6, p. 502-507
Keywords: Enzyme; Osmoticum; Plating density; Plant growth regulator; Protoplast culture.

157. Screening For Antiyeast Activities From Selected Medicinal Plants /I Darah, K Jain, S Suraya, S H Lim, et al.
Journal of Tropical Forest Science. Kuala Lumpur:Oct 2006.
 Vol. 18, Iss. 4, p. 231-235
Keywords : Antifungal activity, Methanolic extracts, Yeasts, pathogenic yeasts, Malaysia
158. Spontaneous somatic embryogenesis on in vitro root segment cultures of *Rauvolfia micrantha* hook. f. - a rare medicinal plant/ C G Sudha, S Seeni.
In Vitro Cellular & Developmental Biology.: Mar/Apr 2006. Vol. 42, Iss. 2, p. 119-123
Keywords : Direct somatic embryogenesis; In vitro roots; Medicinal plant; Rauvolfia micrantha.

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159. Abietane diterpenoid dimers from the roots of *Salvia prionitis*
 Jun Xu ...[et al.]
Phytochemistry, Volume 67, Issue 8, Reports on Structure Elucidation, April 2006, p. 795-799, ISSN 0031-9422,
Keywords: Salvia prionitis; Labiatae; Abietane diterpenoid dimer; Bispriterones A-C
160. Antibacterial activity of maytenonic acid isolated from the root-bark of *Maytenus senegalensis*/K.L. Lindsey ...[et al.]
South African Journal of Botany, Volume 72, Issue 3, August 2006, p. 473-477, ISSN 0254-6299,
Keywords: Maytenus senegalensis; Maytenonic acid; Antibacterial

161. Antileishmanial activity assessment of unusual flavonoids from *Kalanchoe pinnata*/Michelle F. Muzitano ...[et al.]
Phytochemistry, Volume 67, Issue 18, September 2006, p. 2071-2077, ISSN 0031-9422,
Keywords: Kalanchoe pinnata; Crassulaceae; Leishmaniasis; NMR; Flavonoids; Kaempferol 3-O-[alpha]-l-arabinopyranosyl (1-->2) [alpha]-l-rhamnopyranoside
162. Antimicrobial properties and action of galangal (*Alpinia galanga* Linn.) on *Staphylococcus aureus*/Jirawan Oonmetta-aree ...[et al.]
Food Science and Technology, Volume 39, Issue 10, December 2006, p. 1214-1220, ISSN 0023-6438,
Keywords: Galangal; Antimicrobial activity; Membrane damage; Staphylococcus aureus
163. Antioxidant activity and hepatoprotective potential of *Phyllanthus niruri*/R. Harish, T. Shivanandappa,
Food Chemistry, Volume 95, Issue 2, March 2006, p. 180-185, ISSN 0308-8146,
Keywords: Phyllanthus niruri; Antioxidant activity; Lipid peroxidation; Hepatoprotective
164. Antioxidant activity of some algerian medicinal plants extracts containing phenolic compounds/ A. Djeridane ...[et al.]
Food Chemistry, Volume 97, Issue 4, August 2006, p. 654-660, ISSN 0308-8146,
Keywords: Antioxidant activity; Total phenolic content; Flavonoids; Medicinal plants
165. Antioxidant and hypolipidaemic effects of a novel yam-boxthorn noodle in an in vivo murine model/Jin-Yuarn Lin ...[et al.]
Food Chemistry, Volume 94, Issue 3, February 2006, p. 377-384, ISSN 0308-8146,.
Keywords: Yam-boxthorn noodles; Hypolipidaemic effect; Antioxidant capacity; In vivo murine model

166. Antioxidative activities of chromatographic fractions obtained from root, fruit and leaf of Mengkudu (*Morinda citrifolia* L.)/Z. Mohd Zin,
Food Chemistry, Volume 94, Issue 2, January 2006, p. 169-178, ISSN 0308-8146,
Keywords: Morinda citrifolia; Antioxidative activity; Chromatographic fractions
167. Aqueous extract of *Trigonella foenum-graecum* L. ameliorates additive urotoxicity of buthionine sulfoximine and cyclophosphamide in mice/K. Bhatia ...[et al.]
Food and Chemical Toxicology, Volume 44, Issue 10, October 2006, p. 1744-1750, ISSN 0278-6915,
Keywords: Cyclophosphamide; BSO; Urinary bladder anti-oxidants; Fenugreek extract; Protection
168. Arbuscular mycorrhizal fungal dynamics under *Mitragyna parvifolia* (Roxb.) Korth. in Thar Desert/Jitendra Panwar, J.C. Tarafdar
Applied Soil Ecology, Volume 34, Issues 2-3, December 2006, p. 200-208, ISSN 0929-1393,
Keywords: Arbuscular mycorrhizal fungal diversity; Temporal and spatial dynamics; Thar Desert; Endangered medicinal
169. *Artemisia annua* L. (Asteraceae) trichome-specific cDNAs reveal CYP71AV1, a cytochrome P450 with a key role in the biosynthesis of the antimalarial sesquiterpene lactone artemisinin/Keat H. Teoh, ...[et.al.]
FEBS Letters, Volume 580, Issue 5, 20 February 2006, p. 1411-1416, ISSN 0014-5793
Keywords: Artemisinin; Sesquiterpene; Cytochrome P450; Trichome; Artemisia annua

170. Assessment of DNA damage by extracts and fractions of *Strychnos pseudoquina*, a Brazilian medicinal plant with antiulcerogenic activity/F.V. Santos
Food and Chemical Toxicology, Volume 44, Issue 9, September 2006, p. 1585-1589, ISSN 0278-6915,
Keywords: Strychnos pseudoquina; Mutagenicity; Salmonella typhimurium; Micronucleus; Ames test
171. Availability of weight-loss supplements: results of an audit of retail outlets in a Southeastern City/Patricia A. Sharpe ...[et al.]
Journal of the American Dietetic Association, Volume 106, Issue 12, December 2006, p. 2045-2051, ISSN 0002-8223.
Keywords : Wight lost supplement; Retail outlets; Southeastern city
172. Biosynthesis of curcuminoids and gingerols in turmeric (*Curcuma longa*) and ginger (*Zingiber officinale*):Identification of curcuminoid synthase and hydroxycinnamoyl-CoA thioesterases/Maria del Carmen Ramirez-Ahumada, ...[et.al.]
Phytochemistry, Volume 67, Issue 18, September 2006, p. 2017-2029, ISSN 0031-9422,
Keywords: Polyketide synthase; Phenylpropanoid pathway; Rhizome; Acyltransferase; Phenylalanine ammonia lyase; O-methyltransferase; Medicinal plant; Curcuma longa; Zingiber officinale
173. Callus induction and plant regeneration in *Cardiospermum halicacabum* Linn. an important medicinal plant/T. Dennis Thomas, E.A. Maseena,
Scientia Horticulturae, Volume 108, Issue 3, 8 May 2006, p. 332-336,ISSN 0304-4238,
Keywords: Acclimatization; Callus induction; Medicinal plant; Rooting; Sapindaceae; Shoot regeneration

174. Characterization of the phenolic constituents in Mauritian endemic plants as determinants of their antioxidant activities in vitro/Vidushi S. Neergheen ...[et al.]
Journal of Plant Physiology, Volume 163, Issue 8, 3 July 2006, p. 787-799, ISSN 0176-1617,
Keywords: Mauritian endemic plants; African medicinal plants; Myrtaceae genus; Rubiaceae genus; Antioksidan activities; Phenolic constituents
175. Conjugated fatty acids accumulate to high levels in phospholipids of metabolically engineered soybean and Arabidopsis seeds/ Edgar B. Cahoon ...[et al.]
Phytochemistry, Volume 67, Issue 12, June 2006, p. 1166-1176, ISSN 0031-9422
Keywords: Arabidopsis thaliana; Soybean; Glycine max; Leguminosae; Conjugated fatty acid; Calendic acid; [alpha]-Eleostearic acid; Unusual fatty acid; Phosphatidylcholine; Triacylglycerol; Oilseed engineering; Metabolic engineering; Fatty acid conjugase; FAD2
176. Conservation of zingiber germplasm through in vitro rhizome formation/Rishi K. Tyagi, Anuradha Agrawal, Akkara Yusuf
Scientia Horticulturae, Volume 108, Issue 2, 10 April 2006, p. 210-219, ISSN 0304-4238,
Keywords: Ginger; Maleic hydrazide; Micro rhizome; Multiplication; Slow growth; Storage; Tissue culture; Conservation
177. Crude extract of *Astragalus mongholicus* root inhibits crop seed germination and soil nitrifying activity/Jian Mao ...[et al.]
Soil Biology and Biochemistry, Volume 38, Issue 2, February 2006, p. 201-208, ISSN 0038-0717,
Keywords: Seed germination; Soil nitrification; Astragalus mongholicus; Allelopathy

178. Cryobank of plant genetic resources in Russian Academy of Sciences/A.S. Popov, ...[et.al.]
International Journal of Refrigeration, Volume 29, Issue 3, Issue with Special Emphasis on Cryobiolog
Keywords: Cryogenics; Cryopreservation; Data bank; Liquid nitrogen; Chilling injury; Cell; Dehydration; Storage life; Cryogenic; Cryoconservation; Banque de donnees; Azote liquide; Maladie due au froid; Cellule; Deshydratation; Duree de conservation
179. Crystallography, morphology and thermal properties of starches from four different medicinal plants of *Fritillaria species*/Wang Shujun ...[et al.]
Food Chemistry, Volume 96, Issue 4, June 2006, p. 591-596, ISSN 0308-8146,
Keywords: Fritillaria; Starch; Crystallography; Crystallinity; Morphology; Thermal stability
180. Cytotoxic and aromatic constituents from *Salvia miltiorrhiza*/Ming-Jaw Don ...[et al.]
Phytochemistry, Volume 67, Issue 5, Reports on Structure Elucidation, March 2006, p. 497-503, ISSN 0031-9422,
Keywords: Salvia miltiorrhiza; Labiatae; Danshen; Cytotoxicity; Aromatic constituents
181. Cytotoxicity of six South African medicinal plant extracts used in the treatment of cancer/V. Steenkamp, M.C. Gouws
South African Journal of Botany, Volume 72, Issue 4, November 2006, p. 630-633, ISSN 0254-6299,
Keywords: Cancer; Cytotoxicity; Medicinal plants; South Africa

182. Development of an embryogenic suspension culture of bitter melon (*Momordica charantia* L.)/M. Thiruvengadam ...[et al.]
Scientia Horticulturae, Volume 109, Issue 2, 29 June 2006, p. 123-129, ISSN 0304-4238,
Keywords: Embryogenic callus; Cell suspension culture; Somatic embryos; Growth regulators; Momordica charantia L
183. Dimeric progestins from rhizomes of *Ligusticum chuanxiong*/L.S. Lim ...[et al.]
Phytochemistry, Volume 67, Issue 7, April 2006, p. 728-734, ISSN 0031-9422,
Keywords: Ligusticum chuanxiong; Umbelliferae; Bioassay-guided isolation and structure elucidation; Dimeric phthalides; 3,8-Dihydro-diligustilide (1); 4,5-Dehydro-diligustilide (2); Levistolide A (3); Tokinolide B (4); Riligustilide (5)
184. Effect of methyl jasmonate on triterpene and sterol metabolisms of *Centella asiatica*, *Ruscus aculeatus* and *Galphimia glauca* cultured plants/Susana Mangas ...[et al.]
Phytochemistry, Volume 67, Issue 18, September 2006, p. 2041-2049, ISSN 0031-9422,
Keywords: Centella asiatica; Ruscus aculeatus; Galphimia glauca; Elicitation; Triterpenes; Ursane saponins; Spirostane saponins; Galphimine-B; Phytosterols; Aterol metabolisms
185. Effects of burning season and frequency on saw palmetto (*Serenoa repens*) flowering and fruiting/Mary E. Carrington, J. Jeffrey Mullahey
Forest Ecology and Management, Volume 230, Issues 1-3, 15 July 2006, p. 69-78, ISSN 0378-1127,
Keywords: Serenoa repens; Fire ecology; Flatwoods

186. Effects of heat treatments on the stabilities of polysaccharides substances and barbaloin in gel juice from *Aloe vera* Miller/Xiu Lian Chang ...[et al.]
Journal of Food Engineering, Volume 75, Issue 2, July 2006, p. 245-251,ISSN 0260-8774
Keywords: Aloe vera; Polysaccharide; Barbaloin; Thermal stability
187. Effects of supercritical fluid extraction on *Curcuma longa* L. and *Zingiber officinale* R. starches/Mara E.M. Braga ...[et al.]
Carbohydrate Polymers, Volume 63, Issue 3, 3 March 2006, p. 340-346, ISSN 0144-8617,
Keywords: Curcuma longa L.; Ginger; Starch; Supercritical fluid extraction; Turmeric; Zingiber officinale R.
188. Effects of temperature, pre-chilling and light on seed germination of *Withania somnifera*; a high value medicinal plant/L. Kambizi, P.O. Adebola, A.J. Afolayan,
South African Journal of Botany, Volume 72, Issue 1, February 2006, p. 11-14, ISSN 0254-6299,
Keywords: Germination; Medicinal plant; Pre-chilling; Temperature; Withania somnifera; Hight
189. Environmental factors influence on chemical polymorphism of the essential oils of *Lychnophora ericoides*/Marco A. Curado ...[et al.]
Phytochemistry, Volume 67, Issue 21, November 2006, p. 2363-2369, ISSN 0031-9422,
Keywords: Lychnophora ericoides; Asteraceae; Essential oils; Chemical variability; Edaphic factors; Canonical correlation; Canonical discriminant analysis

190. Establishing a multi-stakeholder value index in medicinal plantsan economic study on selected plants in Kerala and Tamilnadu States of India/M.S. Suneetha, M.G. Chandrakanth
Ecological Economics, Volume 60, Issue 1, 1 November 2006, p. 36-48, ISSN 0921-8009,
Keywords: Economic valuation; Medicinal plants; Benefit sharing; Multistakeholder priorities; India
191. Ethnobotanical reputation of plant species from two forests of Madagascar: A preliminary investigation/I. Norscia, S.M. Borgognini-Tarli
South African Journal of Botany, Volume 72, Issue 4, November 2006, p. 656-660, ISSN 0254-6299,
Keywords: Antanosy; Ethnobotany; Kirindy; Madagascar; Sainte Luce; Veso-Sakalava
192. Expressed sequence tags from Madagascar periwinkle (*Catharanthus roseus*)/Jun Murata ...[et al.]
FEBS Letters, Volume 580, Issue 18, 7 August 2006, p. 4501-4507, ISSN 0014-5793,
Keywords: Expressed sequence tags; Secondary metabolism; Catharanthus
193. GC-MS analysis of the essential oils, and the isolation of phenylpropanoid derivatives from the aerial parts of *Pimpinella aurea*Abbas Delazar ...[et al.]
Phytochemistry, Volume 67, Issue 19, Reports on Structure Elucidation, October 2006, p. 2176-2181, ISSN 0031-9422,
Keywords: Pimpinella aurea; Umbelliferae; Apiaceae; Phenylpropanoid; Erythro-1'-(4-methoxyphenyl)-propan-1',2'-diol; Erythro-1'-[4-(sec-butyl)-phenyl]-propan-1',2'-diol; GC-MS; DPPH; Antioxidant; Chemotaxonomy

194. Genetic diversity of bitter gourd (*Momordica charantia* L.) genotypes revealed by RAPD markers and agronomic traits/S.S. Dey ...[et al.]
Scientia Horticulturae, Volume 109, Issue 1, 9 June 2006, p. 21-28, ISSN 0304-4238,
Keywords: Momordica charantia; Genetic diversity; RAPD
195. Genotoxicity evaluation of kaurenoic acid, a bioactive diterpenoid present in Copaiba oil/B.C. Cavalcanti ...[et al.]
Food and Chemical Toxicology, Volume 44, Issue 3, March 2006, p. 388-392, ISSN 0278-6915,
Keywords: Kaurenoic acid; Plant diterpene; Comet assay; Micronucleus test; In vitro genotoxicity
196. Ginsenoside content and variation among and within American ginseng (*Panax quinquefolius* L.) populations/Erin M. Schlag, Marla S. McIntosh
Phytochemistry, Volume 67, Issue 14, July 2006, p. 1510-1519, ISSN 0031-9422,
Keywords: Panax quinquefolius; Araliaceae; American ginseng; Saponins; Ginsenosides; Chemical variation; Rg1; Re
197. Hairy root research: recent scenario and exciting prospects/Stephanie Guillon ...[et al.]
Current Opinion in Plant Biology, Volume 9, Issue 3, Physiology and metabolism / edited by Eran Pichersky and Krishna Niyogi, June 2006, p. 341-346, ISSN 1369-5266,
Keywords: Research; Exciting prospect

198. Highly stable glycosylated serine protease from the medicinal plant *Euphorbia milii*/Subhash C. ...[et al.]
Phytochemistry, Volume 67, Issue 14, July 2006, p. 1414-1426, ISSN 0031-9422,
Keywords: Euphorbia milii; Euphorbiaceae; Serine proteases; Plant endopeptidases; Milin; Anti-milin
199. Hirsutenone inhibits phorbol ester-induced upregulation of COX-2 and MMP-9 in cultured human mammary epithelial cells: NF-[kappa]B as a potential molecular target/Jung-Hwan Kim ...[et al.]
FEBS Letters, Volume 580, Issue 2, 23 January 2006, p. 385-392, ISSN 0014-5793,
Keywords: Hirsutenone; Cyclooxygenase-2; Matrix metalloproteinase-9; Human breast epithelial cells; Nuclear factor kappa B; Invasion; Migration
200. HPLC and HPTLC densitometric determination of andrographolides and antioxidant potential of *Andrographis paniculata*/ G.A. Akowuah ...[et al.]
Journal of Food Composition and Analysis, Volume 19, Issues 2-3, March-May 2006, p. 118-126, ISSN 0889-1575
Keywords: Andrographis paniculata; Andrographolides; HPLC; HPTLC; Free radical scavenging activity; Lipid peroxidation
201. Influence of selected Indian immunostimulant herbs against white spot syndrome virus (WSSV) infection in black tiger shrimp, *Penaeus monodon* with reference to haematological, biochemical and immunological changes/ Thavasimuthu Citarasu ...[et al.]
Fish & Shellfish Immunology, Volume 21, Issue 4, October 2006, p. 372-384, ISSN 1050-4648,
Keywords: Herbals; Immunostimulants; Molecular diagnosis ; Oxyhaemocynin; Peneaus monodon

202. Insecticidal and antifeedant activities of medicinal plant extracts against *Attagenus unicolor japonicus* (*Coleoptera: Dermestidae*)/ Mi-Kyeong Han, Soon-Il Kim, Young-Joon Ahn, *Journal of Stored Products Research*, Volume 42, Issue 1, 2006, p. 15-22, ISSN 0022-474X,
Keywords: Natural insecticide; Antifeedant; Medicinal plants; Japanese black carpet beetle; Attagenus unicolor japonicus
203. Lack of chemopreventive effects of ginger on colon carcinogenesis induced by 1,2-dimethylhydrazine in rats/M.C. Dias ...[et al.] *Food and Chemical Toxicology*, Volume 44, Issue 6, June 2006, p. 877-884, ISSN 0278-6915,
Keywords: Dimethylhydrazine; Aberrant crypt foci; Colon carcinogenesis; Ginger; Chemoprevention
204. Leaves of *Pelargonium sidoides* may substitute for its roots in the treatment of bacterial infections/F.B. Lewu, D.S. Grierson, A.J. Afolayan, *Biological Conservation*, Volume 128, Issue 4, April 2006, p. 582-584, ISSN 0006-3207,
Keywords: Pelargonium sidoides; Substitution of plant parts; Plant conservation; Medicinal plants; Eastern Cape
205. Medicinal plants of the world: Volume 3 Chemical constituents, traditional and modern medicinal uses/Monique S.J. Simmonds, Ivan A. Ross *Phytochemistry*, Volume 67, Issue 7, April 2006, p. 754, ISSN 0031-9422,
Keywords: Medicinal plants; Chemical; Traditional

206. Membrane-bound geranylgeranyl diphosphate phosphatases: Purification and characterization from *Croton stellatopilosus* leaves/Natsajee Nualkaew ...[et al.]
Phytochemistry, Volume 67, Issue 15, Rod Croteau Special Issue, Part 1, August 2006, p. 1613-1620, ISSN 0031-9422,
Keywords: **Croton stellatopilosus; Euphorbiaceae; Geranylgeraniol; Geranylgeranyl diphosphate; Geranylgeranyl diphosphate phosphatase; Acyclic diterpene biosynthesis; Enzyme purification; Enzyme characterization**
207. Metabolic profiling and phylogenetic analysis of medicinal zingiber species: tools for authentication of ginger (*Zingiber officinale* Rosc.)/Hongliang Jiang ...[et al.]
Phytochemistry, Volume 67, Issue 15, Rod Croteau Special Issue, Part 1, August 2006, p. 1673-1685, ISSN 0031-9422,
Keywords: **Zingiber officinale; Zingiberaceae; Ginger; Authentication; Metabolic profiling GC/MS; HPLC; Gingerols; Anti inflammatory; TrnL-F; Rps16**
208. Metabolic profiling of in vitro micropropagated and conventionally greenhouse grown ginger (*Zingiber officinale*)/Xiaoqiang Ma, David R. Gang
Phytochemistry, Volume 67, Issue 20, October 2006, p. 2239-2255, ISSN 0031-9422,
Keywords: **Zingiber officinale; Zingiberaceae; Ginger; Metabolic profiling; Terpenoids; Gingerols; Diarylheptanoids**
209. Micropropagation of *Chamomilla recutita* (L.) Rauschert: A shock treatment model with growth regulators/Alice Sato ...[et al.]
Scientia Horticulturae, Volume 109, Issue 2, 29 June 2006, p. 160-164, ISSN 0304-4238,
Keywords: **Tissue culture; Growth regulators; Medicinal plant; Chamomile**

210. Natural herbicidal potential of saururaceae (*Houttuynia cordata* Thunb) dried powders on paddy weeds in transplanted rice/ Dongzhi Lin ...[et al.]
Crop Protection, Volume 25, Issue 10, October 2006, p. 1126-1129, ISSN 0261-2194,
Keywords: Saururaceae (*Houttuynia cordata* Thunb.); Weed control; Medicinal plant; Inhibitions
211. Neurotoxicity of *Coscinium fenestratum* stem, a medicinal plant used in traditional medicine/Jintanaporn Wattanathorn ...[et al.]
Food and Chemical Toxicology, Volume 44, Issue 8, August 2006, p. 1327-1333, ISSN 0278-6915,
Keywords: Coscinium fenestratum; Neurotoxicity; Neurobehavior
212. Noni fruit (*Morinda citrifolia* L.): A review of agricultural research, nutritional and therapeutic properties/Yanine Chan-Blanco ...[et al.]
Journal of Food Composition and Analysis, Volume 19, Issues 6-7, September-November 2006, p. 645-654, ISSN 0889-1575,
Keywords: Beta carotene; Lycopene; Alpha-tocopherol; Fruit; *Momordica cochinchinensis* Spreng; Gac
213. Non-ionic glucomannan from the seeds of an indigenous medicinal plant: *Bryonia lacinosa*/Vandana Singh, Tulika Malviya p. 481-483, ISSN 0144-8617,
Keywords: *Bryonia lacinosa*; Glucomannan; Polysaccharide
214. Overexpression of the *Saussurea medusa* chalcone isomerase gene in *S. involucreta* hairy root cultures enhances their biosynthesis of apigenin/ Feng-Xia Li ...[et al.]
Phytochemistry, Volume 67, Issue 6, March 2006, p. 553-560, ISSN 0031-9422,
Keywords: *Saussurea involucreta*; Compositae; Hairy root; Genetic transformation; Chalcone isomerase; Flavonoids; Apigenin

215. Phytoextract-induced developmental deformities in malaria vector/Preeti Sharma, Lalit Mohan, C.N. Srivastava
Bioresource Technology, Volume 97, Issue 14, September 2006, p. 1599-1604, ISSN 0960-8524
Keywords : Anopheles stephensi; Artemisia annua; Chenopodium album; Sonchus oleraceus; Metamorphosis; Growth index
216. Polysaccharide composition of the fruit juice of *Morinda citrifolia* (Noni)/Anh Kim T. Bui, Antony Bacic, Filomena Pettolino
Phytochemistry, Volume 67, Issue 12, June 2006, p. 1271-1275, ISSN 0031-9422
Keywords: Morinda citrifolia; Rubiaceae; Noni fruit juice; Polysaccharides
217. Pregnane, coumarin and lupane derivatives and cytotoxic constituents from *Helicteres angustifolia*/Wenliang Chen... [et al.]
Phytochemistry, Volume 67, Issue 10, May 2006, p. 1041-1047, ISSN 0031-9422,
Keywords: Helicteres angustifolia; Sterculiaceae; Pregnane; Coumarin; Triterpenoid; Cytotoxicity
218. Prostaglandin inhibitory activity by lectin-like proteins from South African medicinal plants/ M. Gaidamashvili, J. van Staden
South African Journal of Botany, Volume 72, Issue 4, November 2006, p. 661-663, ISSN 0254-6299,
Keywords: Anti inflammatory; Cyclooxygenase; Lectins; Medicinal plants

219. Rapid inventory of wild medicinal plant populations in Sri Lanka/Jeremy Russell-Smith ...[et al.]
Biological Conservation, Volume 132, Issue 1, September 2006, p. 22-32, ISSN 0006-3207,
Keywords: Ayurveda; Traditional medicine; Sustainable use; Ecological sustainability; Rain forest; Savanna; Fire; Cultivation
220. Screening and optimization of *Andrographis paniculata* (Burm.f.) Nees for total andrographolide content, yield and its components/M.K. Bhan ...[et al.]
Scientia Horticulturae, Volume 107, Issue 4, 27 February 2006, p. 386-391, ISSN 0304-4238
Keywords: Acanthaceae; Andrographis paniculata; Kalmegh; Medicinal plant; Yield; Andrographolides
221. Screening of 70 medicinal plant extracts for antioxidant capacity and total phenols/V. Katalinic ...[et al.]
Food Chemistry, Volume 94, Issue 4, March 2006, p. 550-557, ISSN 0308-8146,
Keywords: Medicinal plants; Infusions; Melissa officinalis L.; FRAP; DPPH; ABTS
222. Screening of antioxidative properties of the methanolic extracts of *Pelargonium endlicherianum* Fenzl., *Verbascum wiedemannianum* Fisch. & Mey., *Sideritis libanotica* Labill. subsp. *linearis* (Bentham) Borm., *Centaurea mucronifera* DC. and *Hieracium cappadocicum* Freyn from Turkish flora/Bektas Tepe ...[et al.]
Food Chemistry, Volume 98, Issue 1, 2006, p. 9-13, ISSN 0308-8146,
Keywords: Turkish medicinal plants; Antioxidant activity; Methanolic extract; BHT; Curcumine; Ascorbic acid

223. Screening of the antioxidative and antimicrobial properties of the essential oils of *Pimpinella anisetum* and *Pimpinella flabellifolia* from Turkey/Bektas Tepe ...[et al.]
Food Chemistry, Volume 97, Issue 4, August 2006, p. 719-724, ISSN 0308-8146,
Keywords: Pimpinella anisetum; Pimpinella flabellifolia; Essential oil; Antimicrobial activity; Antioxidant activity; GC-MS
224. Studies on the morphological, thermal and crystalline properties of starches separated from medicinal plants/Shujun Wang ... [et al.]
Journal of Food Engineering, Volume 76, Issue 3, October 2006, p. 420-426, ISSN 0260-8774,
Keywords: Fritillaria; Starch; Morphology; Thermal; Crystallinity; Water binding capacity
225. Systematic survey of antioxidant activity of 30 Chinese medicinal plants using the ferric reducing antioxidant power assay/Chi-Chun Wong ...[et al.]
Food Chemistry, Volume 97, Issue 4, August 2006, p. 705-711, ISSN 0308-8146,
Keywords: Chinese medicinal plants; Antioxidant activity; Ferric-reducing antioxidant power assay; Phenolic content
226. Triadimefon induced changes in the antioxidant metabolism and ajmalicine production in *Catharanthus roseus* (L.) G. Don/C. Abdul Jaleel ...[et al.]
Plant Science, Volume 171, Issue 2, August 2006, p. 271-276, ISSN 0168-9452,
Keywords: Catharanthus roseus; Ajmalicine; Rosea; Alba; Triadimefon; Antioxidant

227. Variation in polyphenolic content of *Athrixia phylicoides* (L.) (bush tea) leaves with season and nitrogen application/F.N. Mudau ...[et al.]
South African Journal of Botany, Volume 72, Issue 3, August 2006, p. 398-402,ISSN 0254-6299,
Keywords: Bush tea; Nitrogen; Polyphenolic; Season
228. Viability and ultrastructural responses of seeds and embryonic axes of *Trichilia emetica* to different dehydration and storage conditions/J.I. Kioko, P. Berjak, N.W. Pammenter,
South African Journal of Botany, Volume 72, Issue 1, February 2006, p. 167-176, ISSN 0254-6299,
Keywords: Desiccation sensitivity; Medicinal plants; Recalcitrant seed; Seed storage; Trichilia emetica

TEEAL

229. Abaco bush medicine: chemical composition of the essential oils of four aromatic medicinal plants from Abaco Island, Bahamas/Schmidt-J-M. ...[et al.]
Journal of Herbs, Spices & Medicinal Plants, 2006, 12 (12), p. 43-65
Keywords: Medicinal plants; Aromatic plants; sssential oils; Chemical composition
230. Antioxidant activity of some Algerian medicinal plants extracts containing phenolic compounds/Djeridane-A...[et al.]
Food Chemistry, 2006, 97 (97), p. 654-660
Keywords: Medicinal plants; Extracts; Phenolic compounds; Antioxidant

231. Distribution of three endangered medicinal plant species and their colonization with arbuscular mycorrhizal fungi/Panwar-J. Tarafdar-J-C
Journal of Arid Environments, 2006, 65 (65), p. 337-350
Keywords: Medicinal plant; Endangered species; Colonization; Arbuscular mycorrhizal fungi
232. Highly stable glycosylated serine protease from the medicinal plant *Euphorbia milii*/Yadav-S-C. Pande-M. Jagannadham M.V,
Phytochemistry, 2006, 67 (67), p. 1414-1426
Keywords: Euphorbia milii; Glycosylated serine protease; Medicinal plants
233. *In vitro* rapid regeneration of plantlets from nodal explants of *Mucuna pruriens* - a valuable medicinal plant/Faisal M. Siddique.I. Anis.M,
Annals of Applied Biology, 2006, 148 (148), p. 1-6
Keywords: Mucuna pruriens; Medicinal plants; In vitro regeneration; Planlets; Nodal explants
234. Influence of applied nitrogen on growth and tissue nutrient concentration in the medicinal plant Ajowain (*Trachyspermum ammi*)/Ashraf-M. Noman-A,
Australian Journal of Experimental Agriculture, 2006, 46 (46), p. 425-428
Keywords: Trachyspermum ammi; Ajowain; Nitrogen; Growth; Tissue nutrient
235. Medicinal plant extracts as anti-*Escherichia coli* O157:H7 agents and their effects on bacterial cell aggregation/Voravuthikunchai S.P. Limsuwan S,
Journal of Food Protection, 2006, 69 (69), p. 2336-2341
Keywords: Medicinal plants; Extracts; Anti Escherichia coli; Bacterial cell; Aggregation

236. Presence of major and trace elements in seven medicinal plants growing in the South-Eastern Desert, Egypt/Sheded M.G. ... [et al.]
Journal of Arid Environments, 2006, 66 (66), p. 210-217
Keywords: Medicinal plant; Major elements; Trace elements; Egypt
237. Screening of 70 medicinal plant extracts for antioxidant capacity and total phenols/Katalinic-V. ...[et al.]
Food Chemistry, 2006, 94 (94), p. 550-557
Keywords: Medical plants; Extracts; Sreening; Antioxidant; Phenols
238. Systematic survey of antioxidant activity of 30 Chinese medicinal plants using the ferric reducing antioxidant power assay /Wong-ChiChun. ...[et al.]
Food Chemistry, 2006, 97 (97), p. 705-711
Keywords: Medicinal plants; Antioxidant; Ferric reducing

BIBLIOGRAFI 2007

PROQUEST

239. Antibacterial activity of aerial parts as well as in vitro raised calli of the medicinal plant *Saraca asoca* (Roxb.) de Wilde/M Shahid ...[et al.]
Canadian Journal of Microbiology. Jan 2007. Vol. 53, Iss. 1, p. 75-81
Keywords: Saraca asoca, Antibacterial activity, In vitro, Callus, Minimal inhibitory concentration.
240. Essential Oil Composition of *Pimpinella tragioides* (Boiss.) Benth. et Hook. from Iran/Fatemeh Askari, Fatemeh Sefidkon
Journal of Essential Oil Research : Jan/Feb 2007. Vol. 19, Iss. 1, p. 54-56
Keywords: Pimpinella tragioides; Umbelliferae; Essential oil composition; Trans- α -bergamotene; Pregeijerene; Isoacarone
241. Low-cost media for in vitro conservation of turmeric (*Curcuma longa* L.) and genetic stability assessment using RAPD markers/Rishi K Tyagi ...[et al.]
In Vitro Cellular & Developmental Biology.: Jan/Feb 2007. Vol. 43, Iss. 1, p. 51-58
Keywords: Curcuma; Isabgol; Low cost tissue culture media; Matric potential; Osmotic potential; Psyllium husk
242. Medicinal biotechnology in the genus scutellaria/Ian B Cole, Praveen K Saxena, Susan J Murch.
In Vitro Cellular & Developmental Biology.: Jul/Aug 2007. Vol. 43, Iss. 4, p. 318-327
Keywords: Indoleamines; Flavonoids; Baicalin; Melatonin; Bioreactors; Plant secondary metabolism.

243. Medicinal Plants of the Southern Appalachians/T Lawrence Mellichamp.
Tropical Animal Health and Production. Oct 2007. Vol. 39, Iss. 7, p. 515-519
Keywords: Medicinal plants; Southern Appalachians
244. Rapid clonal propagation of *Curculigo orchioides* Gaertn., an endangered medicinal plant/Salema Valencio Francis, Sunil Kumar Senapati, Gyana Ranjan Rout.
In Vitro Cellular & Developmental Biology. Mar/Apr 2007. Vol. 43, Iss. 2, p. 140-143
Keywords: Curculigo orchioides; Clonal propagation; Medicinal plant

SCIENCEDIRECT

245. [alpha]-Glucosidase inhibitors from Devil tree (*Alstonia scholaris*)/Nilubon Jong-Anurakkun, Megh Raj Bhandari, Jun Kawabata
Food Chemistry, Volume 103, Issue 4, 2007, p. 1319-1323, ISSN 0308-8146,
Keywords: Alstonia scholaris; [alpha]-Glucosidase inhibitors; Diabetes; Thailand
246. Achene morphology and slime structure in some taxa of *Artemisia* L. and *Neopallasia* L. (*Asteraceae*)/Agnieszka Kreitschitz, Joan Valles
Flora - Morphology, Distribution, Functional Ecology of Plants, Volume 202, Issue 7, 28 September 2007, p. 570-580, ISSN 0367-2530
Keywords: Morphology; Artemisia L; Neopallasia L

247. Aflatoxins in spices, aromatic herbs, herb-teas and medicinal plants marketed in Italy/B. Romagnoli ...[et al.]
Food Control, Volume 18, Issue 6, June 2007, p. 697-701, ISSN 0956-7135,
Keywords: Aflatoxins; Aromatic herbs; Herb-teas; Medicinal plants; Moulds; Mycotoxins; Spices
248. Alterations in lipid peroxidation, electrolyte leakage, and proline metabolism in *Catharanthus roseus* under treatment with triadimefon, a systemic fungicide/Cheruth Abdul Jaleel ...[et al.]
Comptes Rendus Biologies, Volume 330, Issue 12, December 2007, p. 905-912, ISSN 1631-0691,
Keywords: Catharanthus roseus; Electrolyte leakage; Glycine betaine; Lipid peroxidation; Proline; Proline oxidase; Triadimefon; [gamma]-Glutamyl kinase
249. Antibacterial, anti-inflammatory and mutagenic effects of some medicinal plants used in South Africa for the treatment of wounds and retained placenta in livestock/D. Luseba ...[et al.]
South African Journal of Botany, Volume 73, Issue 3, July 2007, p. 378-383, ISSN 0254-6299,
Keywords: Antibacterial; Anti inflammatory; Medicinal plants; Mutagenicity; Retained placenta; Wounds
250. Anti-listerial activity of ethanolic extracts of medicinal plants, *Eremophila alternifolia* and *Eremophila duttonii*, in food homogenates and milk/Roxanne J. Owen, Enzo A. Palombo
Food Control, Volume 18, Issue 5, May 2007, p. 387-390, ISSN 0956-7135
Keywords: Antibacterial activity; Medicinal plants; Phytochemicals

251. Antimicrobial activity of medicinal plants against oral microorganisms/G.K. More ...[et al.]
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 332, ISSN 0254-6299,
Keywords: Antimicrobial; Medicinal plants; Oral microorganisms; Periodontal disease
252. Antioxidant activity of a ginger extract (*Zingiber officinale*)/I. Stoilova ... [et al.]
Food Chemistry, Volume 102, Issue 3, 2007, p. 764-770, ISSN 0308-8146,
Keywords: Zingiber officinale; Ginger extract; CO2 extract; DPPH; OH; Chelating capacity
253. Antioxidant activity of Knipholone anthrone/Solomon Habtemariam
Food Chemistry, Volume 102, Issue 4, 2007, p. 1042-1047, ISSN 0308-8146,
Keywords: Knipholone anthrone; Kniphofia foliosa; Antioxidant activity; DPPH; Reducing power; Superoxide anion; Hydroxyl radical; Iron chelation; DNA damage
254. Antioxidant activity of stem and root extracts of Rhubarb (*Rheum ribes*): An edible medicinal plant/Mehmet Ozturk ...[et al.]
Food Chemistry, Volume 103, Issue 2, 2007, p. 623-630, ISSN 0308-8146,
Keywords: Rheum ribes; Rhubarb; Iskin; Antioxidant activity; Edible plant; Medicinal plant

255. Antioxidant and cytotoxic activities of naturally occurring phenolic and related compounds: a comparative study/Yerra Koteswara Rao ...[et al.]
Food and Chemical Toxicology, Volume 45, Issue 9, September 2007, p. 1770-1776, ISSN 0278-6915,
Keywords: Natural compounds; Antioxidant; Cytotoxicity
256. Anti-oxidant constituents from *Sedum takesimense*/Phuong Thien Thuong ...[et al.]
Phytochemistry, Volume 68, Issue 19, Reports on Structure Elucidation, October 2007, p. 2432-2438, ISSN 0031-9422,
Keywords: Sedum takesimense; Crassulaceae; Phenolic compound; Anti oxidant activity
257. Antioxidative effects of daikon sprout (*Raphanus sativus* L.) and ginger (*Zingiber officinale* Roscoe) in rats/Katsunari Ippoushi ...[et al.]
Food Chemistry, Volume 102, Issue 1, 2007, p. 237-242, ISSN 0308-8146,
Keywords: Raphanus sativus L.; Zingiber officinale Roscoe; Daikon sprout; Ginger; Antioxidative effect; Rat
258. Assessment of sensitization potential of monoterpenes using the rat popliteal lymph node assay/ Karen Friedrich ...[et al.]
Food and Chemical Toxicology, Volume 45, Issue 8, August 2007, p. 1516-1522, ISSN 0278-6915,
Keywords: Monoterpenes; Popliteal lymph node assay; Chlorpromazine; Hypersensitivity reactions; Allergy; Auto-immunity

259. Botanical survey and screening of plant species which accumulate ²²⁶Ra from contaminated soil of uranium waste depot/Petr Soudek ...[et al.]
European Journal of Soil Biology, Volume 43, Issue 4, July-August 2007, p. 251-261, ISSN 1164-5563,
Keywords: Uranium; Uptake; Radium; Mill tailings; Radiophytoremediation; Plant distribution
260. Burning biodiversity: Woody biomass use by commercial and subsistence groups in western Uganda's forests/Lisa Naughton-Treves, Daniel M. Kammen, Colin Chapman
Biological Conservation, Volume 134, Issue 2, January 2007, p. 232-241, ISSN 0006-3207,
Keywords: Deforestation; Fuelwood; Charcoal; Devolution; Community based conservation
261. Cancer preventive properties of ginger: a brief review/Yogeshwer Shukla, Madhulika Singh
Food and Chemical Toxicology, Volume 45, Issue 5, May 2007, p. 683-690, ISSN 0278-6915,
Keywords: Ginger; Cancer; Chemoprevention; 6-Gingerol; 6-Paradol
262. Changes in composition of essential oils and volatile emissions of *Minthostachys mollis*, induced by leaf punctures of *Liriomyza huidobrensis*/Erika Banchio, ...[et al.]
Biochemical Systematics and Ecology, Volume 35, Issue 2, February 2007, p. 68-74, ISSN 0305-1978,
Keywords: Phytochemical induction; Aromatic plants; Monoterpenes; Pulegone; Menthone; Minthostachys mollis; Liriomyza huidobrensis

263. Changing the chemical mosaic of South African medicinal plants through biotechnological strategies/N.P. Makunga ... [et al.]
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 299, ISSN 0254-6299,
264. Chemical composition and antioxidative activity of Moldavian balm (*Dracocephalum moldavica* L.) extracts/Keyvan Dastmalchi ... [et al.]
Food Science and Technology, Volume 40, Issue 9, November 2007, p. 1655-1663, ISSN 0023-6438,
Keywords: Dracocephalum moldavica; Moldavian balm; Soxhlet; Antioxidant; Free radicals; Chemical composition
265. Chemical variation in selected Karoo medicinal plants/J.H. Van Tonder, B.-E. Van Wyk,
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 318, ISSN 0254-6299,
Keywords: Karoo medicinal plant; Chemical variation
266. Comparative anatomy of bisexual and female florets, embryology in *Calendula officinalis* (Asteraceae), a naturalized horticultural plant/Chengqi Ao
Scientia Horticulturae, Volume 114, Issue 3, 1 November 2007, p. 214-219, ISSN 0304-4238,
Keywords: Calendula officinalis; Florets; Comparative anatomy; Embryology
267. Comparative evaluation of the antioxidant potential of some Iranian medicinal plants/Jaouad Bouayed ... [et al.]
Food Chemistry, Volume 104, Issue 1, 2007, p. 364-368, ISSN 0308-8146,
Keywords: Medicinal plants; Phenolics; Flavonoids; Vitamin C equivalent antioxidant capacity (VCEAC)

268. Contact and fumigant toxicity of oriental medicinal plant extracts against *Dermanyssus gallinae* (Acari: *Dermanyssidae*)/Soon-Il Kim ...[et al.]
Veterinary Parasitology, Volume 145, Issues 3-4, 30 April 2007, p. 377-382, ISSN 0304-4017,
Keywords: Dermanyssus gallinae; Botanical acaricide; Natural fumigant; Plant extract; Mode of action
269. Cryopreservation of hairy roots of medicinal plants by vitrification and droplet-vitrification procedure/Haeng-Hoon Kim ...[et al.]
Cryobiology, Volume 55, Issue 3, December 2007, p. 370-371, ISSN 0011-2240,
Keywords: Medicinal plants; Hairy root; Cryopreservation; Vitrification
270. Determination of cytotoxic activity and antimicrobial effects of selected medicinal plants against clinical isolates of *Campylobacter* species and *Entamoeba histolytica*/A. Samie ...[et al.]
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 310, ISSN 0254-6299,
Keywords: Campylobacter; Entamoeba histolytica; Cytotoxic activity; Antimicrobial; Medicinal plant
271. Determination of mineral elements and heavy metals in indigenous medicinal plants of KwaZulu-Natal/R.A. Street...[et al.]
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 315, ISSN 0254-6299,
Keywords: Indigenous medicinal plant; Mineral element; Heavy metal

272. Differences in leaf yield and indigo precursors production in woad (*Isatis tinctoria* L.) and Chinese woad (*Isatis indigotica* Fort.) genotypes/Luciana G. Angelini ...[et al.]
Field Crops Research, Volume 101, Issue 3, 15 March 2007, p. 285-295, ISSN 0378-4290,
Keywords: Isatis tinctoria; Isatis indigotica; Genotypes; Leaf yield; Indigo yield; Indigo precursors; Isatan B; Indican; Indigo producing crops
273. Differential accumulation of hyperforin and secohyperforin in *Hypericum perforatum* tissue cultures/Armen Charchoglyan ...[et al.]
Phytochemistry, Volume 68, Issue 21, November 2007, p. 2670-2677, ISSN 0031-9422,
Keywords: Hypericum perforatum; Clusiaceae; In vitro cultures; Hyperforin; Secohyperforin; HPLC-NMR; Online analysis; Biosynthesis
274. Effect of gamma irradiation on microbial load and sensory characteristics of aniseed (*Pimpinella anisum*)/M. Al-Bachir
Bioresource Technology, Volume 98, Issue 10, July 2007, p. 1871-1876, ISSN 0960-8524,
Keywords: Decontamination; Extract; Irradiation; Aniseed; Sensory evaluation
275. Effect of heavy metals on germination and seedling development of widely used medicinal plants belonging to the Hyacinthaceae/R.A. Street ...[et al.]
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 338, ISSN 0254-6299,
Keywords: Hyacinthaceae; Medicinal plants; heavy metal; Germination; Seedling

276. Effect of some of the indigenous medicinal plants in treatment of tick infected cattle-wounds in the Vhembe district of Limpopo Province/RSA K. Madzena, M.P. Tshisikhawe, D. Luseba,
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 298, ISSN 0254-6299,
Keywords: Indigenous medicinal plant; Tick infected; Cattle
277. Effects of some Chinese medicinal plant extracts on five different fungi/Sheng-Hsien Lee ..[et al.]
Food Control, Volume 18, Issue 12, December 2007, p.1547-1554, ISSN 0956-7135,
Keywords: Chinese medicinal plants; Antifungal activity; MIC
278. Enhancement of nonspecific immunity and disease resistance in *Oreochromis mossambicus* by *Solanum trilobatum* leaf fractions/M. Divyagnaneswari ...[et al.]
Fish & Shellfish Immunology, Volume 23, Issue 2, August 2007, p. 249-259, ISSN 1050-4648,
Keywords: Immunostimulant; Nonspecific immunity; ROS; RNS; Serum lysozyme; Disease resistance; Oreochromis mossambicus; Solanum trilobatum
279. Establishing a medicinal incubator at the Agricultural Research Council -- Vegetable and Ornamental Plant Institute/G. Prinsloo, E. Van der Heever, M. Mofokeng
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 308, ISSN 0254-6299,
Keywords: Medicinal incubator

280. Ethnoveterinary medicines used to treat endoparasites and stomach problems in pigs and pets in British Columbia, Canada/Cheryl Lans ...[et al.]
Veterinary Parasitology, Volume 148, Issues 3-4, 30 September 2007, p. 325-340, ISSN 0304-4017,
Keywords: British Columbia; Ethnoveterinary medicine; Pets; Endoparasites; Stomach problems
281. Evaluation of antioxidant capacity and total phenolic content of different fractions of selected microalgae/Hua-Bin Li...[et al.]
Food Chemistry, Volume 102, Issue 3, 2007, p. 771-776, ISSN 0308-8146,
Keywords: Microalgae; Antioxidant capacity; Phenolic content; Trolox equivalent antioxidant capacity assay
282. Evaluation of antioxidant potential of ethyl acetate extract/fractions of *Acacia auriculiformis* A. Cunn/Rajbir Singh ...[et al.]
Food and Chemical Toxicology, Volume 45, Issue 7, July 2007, p. 1216-1223, ISSN 0278-6915,
Keywords: Antioxidants; Acacia auriculiformis; Polyphenols; Medicinal plant
283. Evaluation of medicinal plants and synthesized naphthoquinones on cancer cells/B. Binneman ...[et al.]
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 325, ISSN 0254-6299,
Keywords: Medicinal plant; Naphthoquinones; Cancer cell

284. Evolution and current status of the phytochemistry of nitrogenous compounds/Meinhart H. Zenk, Melanie Juenger, *Phytochemistry*, Volume 68, Issues 22-24, November-December 2007, p. 2757-2772, ISSN 0031-9422,
Keywords: Alkaloids; Cyanogenic glucosides/gluconolates; Nonprotein amino acids; History; Discovery; Medicinal use; Cell cultures; Raison d'etre; Biosynthesis
285. Examination of the consistency of plant traits driving oil yield and quality in short-rotation coppice cultivation of *Eucalyptus polybractea*/Jason Q.D. Goodger ...[et al.]
Forest Ecology and Management, Volume 250, Issue 3, 20 October 2007, p. 196-205, ISSN 0378-1127,
Keywords: Eucalyptus oil; Cineole; Coppice; Mallee; Short rotation forestry
286. Exotic plant species in the southern boreal forest of Saskatchewan/ W.H. Sumners, O.W. Archibold
Forest Ecology and Management, Volume 251, Issue 3, 15 November 2007, p. 156-163, ISSN 0378-1127
Keywords: Boreal forest; Disturbance; Exotic plants; Forest management; Invasive species; Roadside right-of-ways; Saskatchewan
287. Extraction and characterization of antioxidant compositions from fermented fruit juice of morinda citrifolia (Noni)/Chang-hong LIU
Agricultural Sciences in China, Volume 6, Issue 12, December 2007, p. 1494-1501, ISSN 1671-2927,
Keywords: Antioxidant activity; Morinda citrifolia L.; Fermented fruit

288. Free-radical-scavenging activity and total phenols of noni (*Morinda citrifolia* L.) juice and powder in processing and storage/J. Yang
Food Chemistry, Volume 102, Issue 1, 2007, p. 302-308, ISSN 0308-8146,
Keywords: Noni juice; Noni powder; Radical-scavenging activity; Antioxidants; Total phenols
289. Functional genomics and the biosynthesis of artemisinin/
 Patrick S. Covello ...[et al.]
Phytochemistry, Volume 68, Issue 14, Phytochemical Society of North America, July 2007, p. 1864-1871, ISSN 0031-9422,
Keywords: Genomics; Biosynthesis; Artemisinin
290. Grain-protective properties of herbal extracts against the bean weevil *Acanthoscelides obtectus* Say/Zlatko Jovanovic, Miroslav Kostic, Zorica Popovic
Industrial Crops and Products, Volume 26, Issue 1, June 2007, p. 100-104,ISSN 0926-6690,
Keywords: Medicinal plants; Insecticidal and repellent bioassay; Botanical insect control agent
291. Handbook of medicinal plants/G.I. Stafford Zohara Yaniv Uriel Bachrach, editors, 2005, Binghampton, N.Y.: Food Products Press(R), The Haworth Medical Press(R), London, United Kingdom. 500 pp, ISBN 1-560-22995-0
South African Journal of Botany, Volume 73, Issue 3, July 2007, p. 476-477, ISSN 0254-6299,
Keywords: Medicinal plant; Handbook
292. Immunomodulating pectic polymer from *Glinus oppositifolius*/
 Kari T. Inngjerdingen ...[et al.]
Phytochemistry, Volume 68, Issue 7, April 2007, p. 1046-1058, ISSN 0031-9422,
Keywords: Glinus oppositifolius; Aizoaceae; Immunomodulating; Pectic polysaccharides; Arabinogalactans

293. *In vitro* anthelmintic, antibacterial and cytotoxic effects of extracts from plants used in South African ethnoveterinary medicine/L.J. McGaw ...[et al.]
The Veterinary Journal, Volume 173, Issue 2, March 2007, p. 366-372, ISSN 1090-0233,
Keywords: Antibacterial; Anthelmintic; Brine shrimp; Cytotoxicity; Ethnoveterinary medicine
294. *In vitro* antiplasmodial and cytotoxicity activities of 14 medicinal plants from Kenya/Beatrice N. Irungu ...[et al.]
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 204-207, ISSN 0254-6299,
Keywords: Antiplasmodial; Medicinal plants; Plasmodium; Cytotoxicity
295. *In vitro* flowering of *Withania somnifera* Dunal.--An important antitumor medicinal plant/K.V. Saritha, C.V. Naidu
Plant Science, Volume 172, Issue 4, April 2007, p. 847-851, ISSN 0168-9452,
Keywords: In vitro flowering; In vitro fruiting; Seed set; Withania somnifera
296. *In vitro* germination and plantlet establishment of *Labisia pumila* (Bl.) F. Vill/M. Hartinie, G. Azlan Jualang,
Scientia Horticulturae, Volume 115, Issue 1, 10 December 2007, p. 91-97, ISSN 0304-4238,
Keywords: Medicinal plant; Micropropagation; Myrsinaceae; Plant growth regulators
297. *In vitro* induction of tetraploids in *Colophospermum mopane* by colchicines/T. Rubuluza ...[et al.]
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 259-261,ISSN 0254-6299,
Keywords: Colchicine; Flow cytometry; In vitro; Polyploidy; Tetraploid

298. *In vivo* hepatoprotective effects of *Rhoicissus tridentata* subsp. *cuneifolia*, a traditional Zulu medicinal plant, against CCl₄-induced acute liver injury in rats/A.R. Opoku...[et al.]
South African Journal of Botany, Volume 73, Issue 3, July 2007, p. 372-377,ISSN 0254-6299,
Keywords: Alanine aminotransferase (ALT); Aspartate aminotransferase (AST); Carbon tetrachloride (CCl₄)-intoxication; Glucose-6-phosphatase (G-6-Pase); Lipid peroxidaton (LPO); R. tridentata
299. Induced transcriptional changes in adventitious roots of *Bupleurum kanoi*/ Li-Ru Chen ...[et al.]
Plant Science, Volume 173, Issue 1, July 2007, p. 12-24, ISSN 0168-9452,
Keywords: Adventitious root; Bupleurum kanoi; cDNA microarray; Methyl jasmonate (MeJA); Relative quantification in real-time PCR (qRT-PCR)
300. Inhibitory activity of Thai condiments on pandemic strain of *Vibrio parahaemolyticus*/Varaporn Vuddhakul ...[et al.]
Food Microbiology, Volume 24, Issue 4, June 2007, p. 413-418, ISSN 0740-0020,
Keywords: V. parahaemolyticus; Thai condiments; Galangal; Antibacterial activity
301. Isolation and characterization of microsatellite markers for analysis of molecular variation in the medicinal plant Madagascar periwinkle (*Catharanthus roseus* (L.) G. Don)/ Bhumika Shokeen ...[et al.]
Plant Science, Volume 172, Issue 3, March 2007, p. 441-451, ISSN 0168-9452,
Keywords: Catharanthus roseus; Microsatellites; Genetic diversity; Madagascar periwinkle; STMS

302. Isolation of an antiplasmodially active sesquiterpene lactone from South African indigenous medicinal plant *Warbugia salutaris*/M. Sekhoacha ...[et al.]
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 311-312, ISSN 0254-6299,
Keywords: Warbugia salutaris; Antiplasmodially; Indigenous medicinal plant; South Africa
303. ISSR analysis of genetic diversity of the Qinghai-Tibet Plateau endemic *Rhodiola chrysanthemifolia* (*Crassulaceae*)/Tao Xia...[et al.]
Biochemical Systematics and Ecology, Volume 35, Issue 4, April 2007, p. 209-214, ISSN 0305-1978,
Keywords: Rhodiola chrysanthemifolia; ISSRs; Genetic diversity; Qinghai-Tibet Plateau
304. Larvicidal activities against *Aedes aegypti* of some Brazilian medicinal plants/M.C. de Omena ...[et al.]
Bioresource Technology, Volume 98, Issue 13, September 2007, p. 2549-2556, ISSN 0960-8524,
Keywords: Larvicidal activities; Mosquito control; Aedes aegypti
305. Lignan profile of *Piper cubeba*, an Indonesian medicinal plant/Elfahmi ...[et al.]
Biochemical Systematics and Ecology, Volume 35, Issue 7, July 2007, p. 397-402, ISSN 0305-1978,
Keywords: Lignan profile; Piper cubeba; Indonesian
306. Maca: An Andean crop with multi-pharmacological functions/Yali Wang, ...[et al.]
Food Research International, Volume 40, Issue 7, August 2007, p. 783-792, ISSN 0963-9969,
Keywords: Composition; Maca (*Lepidium meyenii* walp.); Pharmacological functions; Secondary metabolites; Toxicity

307. Medicinal chemistry and pharmacology of genus *Tripterygium* (*Celastraceae*)/Anita M. Brinker ...[et al.]
Phytochemistry, Volume 68, Issue 6, March 2007, p. 732-766, ISSN 0031-9422,
Keywords: Tripterygium; Celastraceae; Thunder god vine; Terpenoids; Triptolide; Inflammation; Antiinflammatory drugs; Immunosuppression
308. Modulation of oxidative damage by natural products/
 Rakshamani Tripathi, H. Mohan, J.P. Kamat,
Food Chemistry, Volume 100, Issue 1, 2007, p. 81-90, ISSN 0308-8146
Keywords: Antioxidant activity; Lipid peroxidation; Free radical scavenging ability; Photosensitization; Radiation; Andrographis paniculata and Swertia chirata extracts
309. Molecular cloning and characterization of violaxanthin de-epoxidase (VDE) in *Zingiber officinale*/Jin-Li Huang, Lai-Liang Cheng, Zhen-Xian Zhang
Plant Science, Volume 172, Issue 2, February 2007, p. 228-235, ISSN 0168-9452
Keywords: Ginger; VDE; Antisense vector; Northern blot; NPQ; (A + Z)/(V + A + Z)
310. Monoamine oxidase inhibition by southern African traditional medicinal plants/ G.I. Stafford ...[et al.]
South African Journal of Botany, Volume 73, Issue 3, July 2007, p. 384-390, ISSN 0254-6299,
Keywords: Anxiety disorder; Depression; Monoamine oxidase; Parkinson's disease; Traditional medicine

311. *Mycorrhizal fungi* and growth and development of micropropagated *Scutellaria integrifolia* plants/N. Joshee, S.R. Mentreddy, Anand K. Yadav
Industrial Crops and Products, Volume 25, Issue 2, February 2007, p. 169-177, ISSN 0926-6690,
Keywords: Bioactive compounds; Medicinal plant; Root:shoot ratio; Shoot bud induction
312. NaCl as a physiological modulator of proline metabolism and antioxidant potential in *Phyllanthus amarus*/Cheruth Abdul Jaleel ...[et al.]
Comptes Rendus Biologies, Volume 330, Issue 11, November 2007, p. 806-813, ISSN 1631-0691,
Keywords: Antioxidant enzymes; Osmolytes; Phyllanthus amarus; Proline metabolism; Salinity
313. Oral administration of *Eclipta alba* leaf aqueous extract enhances the non-specific immune responses and disease resistance of *Oreochromis mossambicus*/D. Christyapita, M. Divyagnaneswari, R. Dinakaran Michael
Fish & Shellfish Immunology, Volume 23, Issue 4, October 2007, p. 840-852, ISSN 1050-4648,
Keywords: Eclipta alba; Oreochromis mossambicus; Non-specific immune response; Disease resistance; Aeromonas hydrophila
314. Physicochemical properties of starch obtained from *Dioscorea nipponica* Makino comparison with other tuber starches/Yi Yuan...[et al.]
Journal of Food Engineering, Volume 82, Issue 4, October 2007, p. 436-442, ISSN 0260-8774,
Keywords: Dioscorea nipponica Makino starch; Morphology; Amylose; Pasting properties

315. Phytochemistry and pharmacognosy/J. David Phillipson
Phytochemistry, Volume 68, Issues 22-24, Highlights
 November-December 2007, p. 2960-2972, ISSN 0031-9422,
**Keywords: Phytochemistry; Pharmacognosy; Natural
 products chemistry; Biological activities;
 Medicinal plants; Drug discovery**
316. Phytotoxicity of a medicinal plant, *Anisomeles indica*, against
Phalaris minor and its potential use as natural herbicide in
 wheat fields/Daizy R. Batish
Crop Protection, Volume 26, Issue 7, July 2007, p. 948-952,
 ISSN 0261-2194,
**Keywords: Anisomeles indica; Catmint; Phalaris minor;
 Littleseed canarygrass; Mulching; Weed
 management; Natural herbicide**
317. Plant regeneration of an endangered medicinal plant *Hydrastis
 canadensis* L./Shan-shan He,
Scientia Horticulturae, Volume 113, Issue 1, 5 June 2007, p.
 82-86, ISSN 0304-4238,
**Keywords: Bioreactor culture; Germplasm conservation;
 Goldenseal; Hydrastis canadensis L.;**
Thidiazuron
318. Potential utilization of dried powder of *Tagetes minuta* as a
 natural herbicide for managing rice weeds/Daizy R. Batish,
Crop Protection, Volume 26, Issue 4, April 2007, p. 566-571,
 ISSN 0261-2194,
Keywords: Tagetes minuta; Mexican marigold
319. Principal phenolic phytochemicals and antioxidant activities of
 three Chinese medicinal plants/Hung-Der Jang ...[et al.]
Food Chemistry, Volume 103, Issue 3, 2007, p. 749-756, ISSN
 0308-8146,
**Keywords: Cinnamaldehyde; Berberin; Curcumin; HPLC;
 Total phenols; Antioxidant activity**

320. Process for preparing a natural antioxidant enriched dairy product (Sandesh)/Mahuya Bandyopadhyay, Runu Chakraborty, Utpal Raychaudhuri
LWT - Food Science and Technology, Volume 40, Issue 5, June 2007, p. 842-851, ISSN 0023-6438,
Keywords: Radox's chemical; Total antioxidant level; Solvent extraction; Sandesh; Sensory evaluation
321. Production of transgenic *Hypericum perforatum* plants via particle bombardment-mediated transformation of novel organogenic cell suspension cultures/G. Franklin, M. Oliveira, A.C.P Dias,
Plant Science, Volume 172, Issue 6, June 2007, p. 1193-1203, ISSN 0168-9452,
Keywords: Hypericum perforatum; Organogenic nodular structures; Agrobacterium transformation; GUS gene; Particle bombardment
322. Protective effect of *Centella asiatica* extract and powder on oxidative stress in rats/Mahanom Hussin ...[et al.]
Food Chemistry, Volume 100, Issue 2, 2007, p. 535-541, ISSN 0308-8146
Keywords: Centella asiatica; Oxidative stress; Malonaldehyde; Antioxidant enzymes
323. Protein isolate from the herb, *Phyllanthus niruri* L. (Euphorbiaceae), plays hepatoprotective role against carbon tetrachloride induced liver damage via its antioxidant properties/Rajesh Bhattacharjee, Parames C. Sil
Food and Chemical Toxicology, Volume 45, Issue 5, May 2007, p. 817-826, ISSN 0278-6915
Keywords: CCl4-induced hepatotoxicity; Phyllanthus niruri; Protein isolate; Antioxidant; Hepatoprotection

324. Proteomic analysis of *Chelidonium majus* milky sap using two-dimensional gel electrophoresis and tandem mass spectrometry/
Robert Nawrot, Andrzej Kalinowski, Anna Gozdzicka-Jozefiak
Phytochemistry, Volume 68, Issue 12, June 2007, p. 1612-1622, ISSN 0031-9422,
Keywords: Chelidonium majus; Papaveraceae; Greater Celandine; Milky sap; Plant defence; Proteomics; Two-dimensional gel electrophoresis; Tandem mass spectrometry; LC-ESI-MS/MS
325. Relationship between bark thickness and diameter at breast height for six tree species used medicinally in South Africa/
V.L. Williams, E.T.F. Witkowski, K. Balkwill,
South African Journal of Botany, Volume 73, Issue 3, July 2007, p. 449-465, ISSN 0254-6299,
Keywords: Bark thickness; DBH; Medicinal plants; Resource use; Rhytidome
326. Safety evaluation of a standardized phytochemical composition extracted from *Bacopa monnieri* in Sprague-Dawley rats/J. Joshua Allan ...[et al.]
Food and Chemical Toxicology, Volume 45, Issue 10, October 2007, p. 1928-1937, ISSN 0278-6915,
Keywords: BacoMind(TM); Bacopa monnieri; Bacosides; Nootropic activity; Median lethal dose; No-observed adverse effect level (NOAEL)
327. Screening of Venda medicinal plants for antifungal activity against *Candida albicans*/V. Steenkamp, A.C. Fernandes, C.E.J. Van Rensburg
South African Journal of Botany, Volume 73, Issue 2, April 2007, p. 256-258, ISSN 0254-6299,
Keywords: Antifungal activity; Candida albicans; Traditional medicine; Venda

328. Screening the antiviral activity of Indian medicinal plants against white spot syndrome virus in shrimp/G. Balasubramanian ...[et al.]
Aquaculture, Volume 263, Issues 1-4, 6 March 2007, p. 15-19, ISSN 0044-8486
Keywords: WSSV; Antiviral activity; Indian traditional plants; C. dactylon
329. Semisynthesis and in vitro anticancer activities of andrographolide analogues/Srinivasa Rao Jada ...[et al.]
Phytochemistry, Volume 68, Issue 6, March 2007, p. 904-912, ISSN 0031-9422
Keywords: Andrographis paniculata; Acanthaceae; Andrographolide; Semisynthesis; Anticancer; Cell cycle
330. Sinaicinone, a complex adamantanyl derivative from *Hypericum sinaicum*/ Tomas Rezanka, Karel Sigler
Phytochemistry, Volume 68, Issue 9, Reports on Structure Elucidation, May 2007, p. 1272-1276, ISSN 0031-9422,
Keywords: Hypericum sinaicum; Guttiferae; Sinaicinone; Adamantanyl derivative; Sinai Peninsula (Egypt)
331. Systematic evaluation of natural phenolic antioxidants from 133 Indian medicinal plants/Siddharthan Surveswaran ...[et al.]
Food Chemistry, Volume 102, Issue 3, 2007, p. 938-953, ISSN 0308-8146,
Keywords: Antioxidants; Indian medicinal plants; Systematic

332. Terpenoids from Stinking toe (*Hymenae courbaril*) fruits with cyclooxygenase and lipid peroxidation inhibitory activities/ Bolleddula Jayaprakasam ...[et al.]
Food Chemistry, Volume 105, Issue 2, 2007, p. 485-490, ISSN 0308-8146,
Keywords: Hymenaea courbaril; Sucrose; Diterpenoids; Cyclooxygenase inhibition; Lipid peroxidation inhibition
333. Total phosphorus and its extractable form in plant drugs. Interrelation with selected micro- and macroelements/Pawel Konieczynski, Marek Wesolowski
Food Chemistry, Volume 103, Issue 1, 2007, p. 210-216, ISSN 0308-8146,
Keywords: Leaves of medicinal plants; Total phosphorus; Extractable inorganic phosphorus; Speciation; Essential metals
334. Traditional phytotherapy of some remedies used in treatment of malaria in Meru district of Kenya /C.N. Muthaura...[et al.]
South African Journal of Botany, Volume 73, Issue 3, July 2007, p. 402-411, ISSN 0254-6299,
Keywords: Antimalarial plants; Meru district; Kenya
335. Use of *Eucalyptus tereticornis* Sm. (Myrtaceae) oil (leaf extract) as a natural larvicidal agent against the malaria vector *Anopheles stephensi* Liston (Diptera: Culicidae)/Sengottayan Senthil Nathan,
Bioresource Technology, Volume 98, Issue 9, July 2007, p. 1856-1860, ISSN 0960-8524,
Keywords: Mosquito vector; Forest redgum; Biology, mortality, larvicide, adulticide; Oviposition deterrence; Eucalyptus tereticornis

TEEAL

336. Antibacterial activity of 'rial parts as well as *in vitro* raised calli of the medicinal plant *Saraca asoca* (Roxb.) de Wilde/Shahid-M.
Canadian Journal of Microbiology, 2007, 53 (53), p. 75-81
Keywords: Saraca asoca; Antibacterial activity; In vitro; Medicinal plants
337. Antioxidant activity of stem and root extracts of Rhubarb (*Rheum ribes*): an edible medicinal plant/Ozturk-M ...[et al.]
Food Chemistry, 2007, 103 (103), p. 623-630
Keywords: Rhubarb; Antioxidant activity; Stem; Root; Medicial plant
338. Bioprospecting highly diverse endophytic *Pestalotiopsis* spp. with antibacterial properties from *Maytenus ilicifolia*, a medicinal plant from Brazil/Gomes-Figueiredo-J. ...[et al.]
Canadian Journal of Microbiology, 2007, 53 (53), p. 1123-1132
Keywords: Pestalotiopsis; Maytenus ilicifolia; Antibacterial
339. Comparative evaluation of the antioxidant potential of some Iranian medicinal plants/Bouayed-J. ...[et al.]
Food Chemistry, 2007, 104 (104), p. 364-368
Keywords: Iranian; Medicinal plants; Antioxidant
340. Effect of oriental medicinal plant extracts on spore germination of *Alternaria brassicicola* and nature of inhibitory substances from speedweed/Ho-Wang Ching. ...[et.al.]
Plant Disease, 2007, 91 (91), p. 1621-1624
Keywords: Alternaria brassicicola; Inhibitory substances; Speed weed; Medicinal plants

341. Larvicidal activities against *Aedes aegypti* of some Brazilian medicinal plants/Omena M.C.de[et al.]
Bioresource Technology, 2007, 98 (98), p. 2549-2556
Keywords: Aedes aegypti; Larvicidal activities; Medicinal plants; Brazil
342. Medicinal plants used by the criollos of Calamuchita to treat blood, cardiovascular, and neuroendocrinous diseases/Martinez-G-J
Journal of Herbs, Spices & Medicinal Plants, 2007, 13 (13), p. 55-82
Keywords: Calamuchita; Criollos; Blood; Cardiovascular; Neuroendocrinous diseases
343. Principal phenolic phytochemicals and antioxidant activities of three Chinese medicinal plants/Jang Hung Der....[et al.]
Food Chemistry, 2007, 103 (103), p. 749-756
Keywords: Phenolic p-hytochemical; Antioxidant activities; Medicinal plants; China
344. Systematic evaluation of natural phenolic antioxidants from 133 Indian medicinal plants/Siddharthan-Surveswaran....[et.al.]
Food Chemistry, 2007, 102 (102), p. 938-953
Keywords: Natural phenolic; Antioxidant; Medicinal plants; India

BIBLIOGRAFI 2008

SCIENCEDIRECT

345. Acidic heteroxylans from medicinal plants and their anti-ulcer activity/Thales R. Cipriani ...[et al.]
Carbohydrate Polymers, Volume 74, Issue 2, 16 October 2008, p. 274-278, ISSN 0144-8617,
Keywords: Maytenus ilicifolia; Phyllanthus niruri; Polysaccharide; Acidic heteroxylan; Anti-ulcer activity
346. Allelopathic effect of ginger on seed germination and seedling growth of soybean and chive/Chun-Mei Han ...[et al.]
Scientia Horticulturae, Volume 116, Issue 3, 1 May 2008, p. 330-336, ISSN 0304-4238,
Keywords: Ginger; Zingiber officinale Rosc.; Soybean; Glycine max (L.) Merr.; Chive; Allium schoenoprasum L.; Germination; Seedling growth; Water uptake; Lipase activity; Allelochemicals
347. Analysis of urinary andrographolides and antioxidant status after oral administration of *Andrographis paniculata* leaf extract in rats/G.A. Akowuah, I. Zhari, A. Mariam
Food and Chemical Toxicology, Volume 46, Issue 12, December 2008, p. 3616-3620, ISSN 0278-6915,
Keywords: Andrographolides; Andrographis paniculata; Rats; Urine; Antioxidant status

348. Anti-bacterial and anti-oxidant activity of *Hypoxis hemerocallidea* (Hypoxidaceae): Can leaves be substituted for corms as a conservation strategy?/D.R. Katerere, J.N. Eloff, *South African Journal of Botany*, Volume 74, Issue 4, November 2008, p. 613-616, ISSN 0254-6299,
Keywords: African potato; Anti-bacterial; Anti-oxidant; Hypoxis hemerocallidea; Hypoxis; MIC; Conservation
349. Antifeedant Activity and Active Ingredients Against *Plutella xylostella* from *Momordica charantia* Leaves/Bing Ling ...[et al.] *Agricultural Sciences in China*, Volume 7, Issue 12, December 2008, p. 1466-1473, ISSN 1671-2927
Keywords: Momordica charantia; Plutella xylostella; Antifeedant activities; Momordicin I; momordicin II
350. Antimicrobial activity and mutagenic effects of twelve traditional medicinal plants used to treat ailments related to the gastrointestinal tract in South Africa/O.A. Fawole, J.F. Finnie, J. Van Staden
South African Journal of Botany, In Press, Corrected Proof, Available online 9 December 2008, ISSN 0254-6299,
Keywords: Antibacterial; Fungicidal; Fungistatic; Gastroenteritis; Mutagenicity
351. Antimicrobial and antioxidant activities of Indian gooseberry and galangal extracts/Pornpimon Mayachiew, Sakamon Devahastin
LWT - Food Science and Technology, Volume 41, Issue 7, September 2008, p. 1153-1159, ISSN 0023-6438,
Keywords: GC-MS; Minimum inhibitory concentration; Natural antioxidants; Staphylococcus aureus; Total phenolic contents; UV-HPLC

352. Antioxidant activity of natural plant sources in dairy dessert (Sandesh) under thermal treatment/Mahuya Bandyopadhyay, ...[et.al.]
Food Science and Technology, Volume 41, Issue 5, June 2008, p. 816-825, ISSN 0023-6438,
Keywords: Natural antioxidants; Peroxide value; Chhana; Antioxidant activity; Sandesh
353. Antioxidant activity of *Smilax excelsa* L. leaf extracts/N. Ozsoy ...[et al.]
Food Chemistry, Volume 110, Issue 3, 1 October 2008, p. 571-583, ISSN 0308-8146,
Keywords: Smilax excelsa; Antioxidant activity; Free radical; Scavenging activity
354. Antioxidant and free radical scavenging activities of wild bitter melon (*Momordica charantia* Linn. var. *abbreviata* Ser.) in Taiwan/ Shu-Jing Wu, Lean-Teik
Food Science and Technology, Volume 41, Issue 2, March 2008, p. 323-330, ISSN 0023-6438
Keywords: Momordica charantia; Wild bitter melon; Antioxidant; Free radical scavenging
355. Antioxidant and tyrosinase inhibition properties of leaves and rhizomes of ginger species/E.W.C. Chan ...[et al.]
Food Chemistry, Volume 109, Issue 3, 1 August 2008, p. 477-483, ISSN 0308-8146,
Keywords: Zingiberaceae; Leaves; Rhizomes; Total phenolic content; Antioxidant activity; Tyrosinase inhibition activity
356. Application of essential oils in maize grain: Impact on *Aspergillus* section *Flavi* growth parameters and aflatoxin accumulation/Romina V. Bluma, Miriam G. Etcheverry
Food Microbiology, Volume 25, Issue 2, February 2008, p. 324-334, ISSN 0740-0020
Keywords: Aspergillus section Flavi; Aflatoxin B1; Maize

357. Artemisia afra: A potential flagship for African medicinal plants?/N.Q. Liu, F. Van der Kooy, R. Verpoorte
South African Journal of Botany, In Press, Corrected Proof, Available online 11 December 2008, ISSN 0254-6299,
Keywords: Artemisia afra; Traditional African Medicine; Volatile secondary metabolites
358. Chemical composition and antiaflatoxic activity of *Carum carvi* L., *Thymus vulgaris* and *Citrus aurantifolia* essential oils/Mehdi Razzaghi-Abyaneh ...[et al.]
Food Control, In Press, Corrected Proof, Available online 27 December 2008, ISSN 0956-7135,
Keywords: Aspergillus parasiticus; Aflatoxin; Essential oil; Medicinal plants; Carum carvi; Thymus vulgaris; Citrus aurantifolia
359. Classification of antituberculosis herbs for remedial purposes by using fuzzy sets/Gabriela Dudek...[et.al.]
Biosystems, Volume 94, Issue 3, December 2008, p. 285-289, ISSN 0303-2647,
Keywords: Medicinal plants; Tuberculosis; Fuzzy set
360. Comparative analysis of genetic diversity in Indian bitter melon (*Momordica charantia* L.) using RAPD and ISSR markers for developing crop improvement strategies/T.K. Behera, A.K. Singh, Jack.E. Staub,
Scientia Horticulturae, Volume 115, Issue 3, 1 February 2008, p. 209-217, ISSN 0304-4238
Keywords: Bitter melon; DNA markers; Breeding strategies

361. Copper toxicity in *Withania somnifera*: Growth and antioxidant enzymes responses of *in vitro* grown plants/Serida Khatun ... [et al.]
Environmental and Experimental Botany, Volume 64, Issue 3, December 2008, p. 279-285, ISSN 0098-8472,
Keywords: Antioxidant enzymes; Copper; Malondialdehyde; Phenol; Superoxide radicals; Withania somnifera
362. Endogenous hormonal and enzymatic responses of *Catharanthus roseus* with triadimefon application under water deficits/ Cheruth Abdul Jaleel ...[et al.]
Comptes Rendus Biologies, Volume 331, Issue 11, November 2008, p. 844-852, ISSN 1631-0691,
Keywords: Catharanthus roseus; Water deficits; Triadimefon; Abscisic
363. Essential oil composition and antibacterial activity of *Thymus caramanicus* at different phenological stages/S. Nejad Ebrahimi ...[et al.]
Food Chemistry, Volume 110, Issue 4, 15 October 2008, p. 927-931, ISSN 0308-8146,
Keywords: Thymus caramanicus; Essential oil; Phenological variation; Antibacterial activity
364. Ethnobotanical survey of medicinal plants in the southeastern Karoo, South Africa/ B.-E. Van Wyk ...[et al.]
South African Journal of Botany, Volume 74, Issue 4, November 2008, p. 696-704, ISSN 0254-6299,
Keywords: Cape Dutch culture; Ethnobotanical survey; Khoi-San culture; Medicinal plants; Phytotherapy; Southeastern Karoo

365. Ethnoveterinary study for antidermatophytic activity of *Piper betle*, *Alpinia galanga* and *Allium ascalonicum* extracts in vitro/N. Trakranrungsie, A. Chatchawanchonteera, W. Khunkitti *Research in Veterinary Science*, Volume 84, Issue 1, February 2008, p. 80-84, ISSN 0034-5288,
Keywords: Dermatophytes; Piperaceae; Zingiberaceae; Liliaceae; Antifungal activity
366. Evaluation of antioxidant and antibacterial activities of *Ficus microcarpa* L. fil. Extract/Changwei Ao ...[et al.] *Food Control*, Volume 19, Issue 10, October 2008, p. 940-948, ISSN 0956-7135,
Keywords: Ficus microcarpa; Antioxidant activity; Antibacterial activity; Phenolic compounds; Flavonoid
367. Identification of an amino acid determinant of pH regiospecificity in a seed lipoxygenase from *Momordica charantia*/Ellen Hornung ...[et al.] *Phytochemistry*, Volume 69, Issue 16, November 2008, p. 2774-2780, ISSN 0031-9422,
Keywords: Dioxygenase; Lipid peroxidation; Oxylipins; Positional specificity; Substrate alignment
368. *In vitro* anti-influenza screening of several Euphorbiaceae species: Structure of a bioactive Cyanoglucoside from *Codiaeum variegatum*/ Jorge Eduardo Forero ...[et al.] *Phytochemistry*, Volume 69, Issue 16, November 2008, p. 2815-2819, ISSN 0031-9422
Keywords: Phyllanthus niruri; Euphorbia pulcherrima; Codiaeum variegat; Euphorbiaceae; Antiviral; Influenza; Cyanoglucoside

369. *In vitro* antitrypanosomal activities of quassinoid compounds from the fruits of a medicinal plant, *Brucea javanica*/Saw Bawm ...[et al.]
Veterinary Parasitology, Volume 158, Issue 4, 20 December 2008, p. 288-294, ISSN 0304-4017,
Keywords: Brucea javanica; Quassinoids; Trypanosoma evansi; Antitrypanosomal; Medicinal plant
370. *In vitro* screening of plant extracts to enhance the efficiency of utilization of energy and nitrogen in ruminant diets/G. Alexander ...[et al.]
Animal Feed Science and Technology, Volume 145, Issues 1-4, 14 August 2008, p. 229-244, ISSN 0377-8401,
Keywords: Plant extracts; Rumen fermentation; Microbial protein synthesis; Partitioning factor; Protein degradation
371. *In vitro* screening of various tropical foliages, seeds, fruits and medicinal plants for low methane and high ammonia generating potentials in the rumen/C.R. Soliva ...[et al.]
Animal Feed Science and Technology, Volume 147, Issues 1-3, 14 November 2008, p. 53-71, ISSN 0377-8401,
Keywords: Tropical plants; Methane; Ammonia; Ruminant nutrition; Protozoa; Rusitec
372. Influence of biological, environmental and technical factors on phenolic content and antioxidant activities of Tunisian halophytes/Riadh Ksouri...[et al.]
Comptes Rendus Biologies, Volume 331, Issue 11, November 2008, p. 865-873, ISSN 1631-0691,
Keywords: Antioxidant activities; Biological factors; Growing environment; Halophytes; Phenolics; Solvent nature; Activites antioxydantes; Facteurs biologiques; Environnement; Halophytes; Polyphenols; Solvant

373. Inhibitory activities of mushroom tyrosine and DOPA oxidation by plant extracts/S. Momtaz, N. Lall, A. Basson
South African Journal of Botany, Volume 74, Issue 4, November 2008, p. 577-582, ISSN 0254-6299,
Keywords: Tyrosinase inhibition; DOPA auto-oxidation; Plant extracts; Melanin; Melanocyte cell
374. Interactions between cytochromes P450, glutathione S-transferases and Ghanaian medicinal plants/Regina Appiah-Opong ...[et al.]
Food and Chemical Toxicology, Volume 46, Issue 12, December 2008, p. 3598-3603, ISSN 0278-6915,
Keywords: Cytochromes P450; Glutathione S-transferases; Enzyme inhibition; Herb-drug interactions
375. Investigation of the foliar trichomes of *Tetradenia riparia* (Hochst.) Codd [Lamiaceae]: An important medicinal plant of Southern Africa/Sanjay Gairola ...[et al.]
Flora - Morphology, Distribution, Functional Ecology of Plants, In Press, Corrected Proof, Available online 8 October 2008, ISSN 0367-2530,
Keywords: Glandular trichomes; Lamiaceae; Tetradenia riparia; Medicinal plant
376. Isolation and molecular analysis of R-gene in resistant *Zingiber officinale* (ginger) varieties against *Fusarium oxysporum* f.sp. *zingiberi*/R. Swetha Priya, R.B. Subramanian
Bioresource Technology, Volume 99, Issue 11, Exploring Horizons in Biotechnology: A Global Venture, July 2008, p. 4540-4543, ISSN 0960-8524,
Keywords: CC-NBS-LRR class; Fusarium oxysporum f.sp. zingiberi; Marker assisted selection; RT-PCR; R-genes

377. Medicinal properties of mangosteen (*Garcinia mangostana*)/Jose Pedraza-Chaverri ...[et al.]
Food and Chemical Toxicology, Volume 46, Issue 10, October 2008, p. 3227-3239, ISSN 0278-6915
Keywords: Medicinal properties; Mangosteen
378. Metal uptake by medicinal plant species grown in soils contaminated by a smelter/Valcho D. Zheljazkov ...[et al.]
Environmental and Experimental Botany, Volume 64, Issue 3, December 2008, p. 207-216, ISSN 0098-8472,
Keywords: Heavy metals; Medicinal crops; Phytoextraction; Metal fractionation; Essential oils
379. Mineral content of some herbs and herbal teas by infusion and decoction/Mehmet Musa Ozcan ...[et al.]
Food Chemistry, Volume 106, Issue 3, 1 February 2008, p. 1120-1127, ISSN 0308-8146,
Keywords: Herbal tea; ICP-AES; Mineral; Infusion; Decoction
380. Modulation of the expression of the [pi] class of glutathione S-transferase by *Andrographis paniculata* extracts and andrographolide/ Kuei-Ting Chang, ...[et.al.]
Food and Chemical Toxicology, Volume 46, Issue 3, March 2008, p. 1079-1088, ISSN 0278-6915,
Keywords: Andrographis paniculata; Andrographolide; [pi] Class of glutathione S- transferase (GSTP); GSTP enhancer 1 (GPE1); Phosphatidylinositol 3- kinase (PI3K)/Akt; Rat primary hepatocytes

381. Nematicidal prenylated flavanones from *Phyllanthus niruri* /N.A. Shakil ...[et al.]
Phytochemistry, Volume 69, Issue 3, February 2008, p. 759-764, ISSN 0031-9422
Keywords: Phyllanthus niruri; Flavanones; Meloidogyne incognita; Rotylenchulus reniformis; Nematodes; Euphorbiaceae
382. Nonenolides and cytochalasins with phytotoxic activity against *Cirsium arvense* and *Sonchus arvensis*: A structure-activity relationships study/Alexander Berestetskiy ...[et al.]
Phytochemistry, Volume 69, Issue 4, February 2008, p. 953-960, ISSN 0031-9422,
Keywords: Cirsium arvense; Sonchus arvensis; Weeds; Phytotoxins; Nonenolides; Cytochalasins; Structure-activity relationships; Leaf optics
383. Optimising DNA isolation for medicinal plants/M. Moyo ...[et al.]
South African Journal of Botany, Volume 74, Issue 4, November 2008, p. 771-775, ISSN 0254-6299,
Keywords: DNA isolation; Gel electrophoresis; Medicinal plants; PCR amplification; Restriction endonuclease digestion; Secondary metabolites
384. Optimization of the production of *Momordica charantia* L. Var. *abbreviata* Ser. protein hydrolysates with hypoglycemic effect using Alcalase/ Xiaoqing Yuan, Xiaohong Gu, Jian Tang
Food Chemistry, Volume 111, Issue 2, 15 November 2008, p. 340-344, ISSN 0308-8146
Keywords: Momordica charantia L. Var. abbreviata Ser; Protein hydrolysates; Hypoglycemic effect; Alcalase 2.4L; Optimization

385. Partial properties of an aspartic protease in bitter gourd (*Momordica charantia* L.) fruit and its activation by heating/
Lianzhen Wang ...[et al.]
Food Chemistry, Volume 108, Issue 2, 15 May 2008, p. 496-502, ISSN 0308-8146
Keywords: Bitter gourd; Aspartic protease; Heat-treatment; Activation; SDSgelatin-PAGE
386. Phenolic contents and antioxidant activities of bitter gourd (*Momordica charantia* L.) leaf, stem and fruit fraction extracts *in vitro*/Jittawan Kubola, Sirithon Siriamornpun
Food Chemistry, Volume 110, Issue 4, 15 October 2008, p. 881-890, ISSN 0308-8146,
Keywords: Bitter gourd (*Momordica charantia* L.); DPPH assay; Hydroxyl radical-scavenging activity; [beta]-Carotene-linoleate bleaching assay; FRAP assay; Total antioxidant capacity; Total phenol content
387. Purification and characterisation of a hypoglycemic peptide from *Momordica Charantia* L. Var. *abbreviata* Ser/Xiaoqing Yuan, Xiaohong Gu, Jian Tang,
Food Chemistry, Volume 111, Issue 2, 15 November 2008, p. 415-420, ISSN 0308-8146
Keywords: *Momordica charantia* L. Var. *abbreviata* Ser.; Diabetes mellitus; Peptide; Hypoglycemic effect; Alloxan
388. Quantification of *Pythium* populations in ginseng soils by culture dependent and real-time PCR methods/G. Kernaghan, R.D. Reeleder, S.M.T. Hoke
Applied Soil Ecology, Volume 40, Issue 3, November 2008, p. 447-455, ISSN 0929-1393,
Keywords: Soil pathogen populations; rDNA sequences; Cryptic species; Dilution plating

389. Quinic acid esters and sesquiterpenes from *Sonchus arvensis*/ Yang-Jun Xu ...[et al.]
Food Chemistry, Volume 111, Issue 1, 1 November 2008, p. 92-97, ISSN 0308-8146,
Keywords: Sonchus arvensis; Quinic acid; Eudesmanolide; Sesquiterpene; DPPH; Antioxidant
390. Reinhold Carle Enzyme-assisted liquefaction of ginger rhizomes (*Zingiber officinale* Rosc.) for the production of spray-dried and paste-like ginger condiments/Ute Schweiggert ...[et al.]
Journal of Food Engineering, Volume 84, Issue 1, January 2008, p. 28-38, ISSN 0260-8774,
Keywords: Ginger; Processing; Enzymatic hydrolysis; Gingerols; Shogaols; Ginger paste
391. Relationship between vegetative and rhizome characters and final rhizome yield in micropropagated ginger plants (*Zingiber officinale* Rosc.) over two generations/A.K. Lincy, K. Jayarajan, B. Sasikumar
Scientia Horticulturae, Volume 118, Issue 1, 2 September 2008, p. 70-73, ISSN 0304-4238,
Keywords: Aerial stem regenerated plants; Correlation; Ginger; Path analysis
392. Screening the activity of plants and spices for decreasing ruminal methane production *in vitro*/R.Garcia-Gonzalez...[et al.]
Animal Feed Science and Technology, Volume 147, Issues 1-3, Shrubby vegetation and agro-industrial by-products as alternative feed resources for sheep and goats, 14 November 2008, p. 36-52, ISSN 0377-8401,
Keywords: Ruminal fermentation; Methane production; Medicinal plant; Additive

393. Structure and biochemical properties of starch from an unconventional source Mango ginger (*Curcuma amada* Roxb.) rhizome/R.S. Policegoudra, S.M. Aradhya
Food Hydrocolloids, Volume 22, Issue 4, June 2008, p. 513-519, ISSN 0268-005X
Keywords: Curcuma amada; Mango ginger starch; Biochemical properties; DSC; Amylose; Water-holding capacity; X-ray diffraction; FT-IR; SEM
394. Study of cytotoxic and apoptogenic properties of saffron extract in human cancer cell lines/Jalil Tavakkol-Afshari, Azam Brook, Seyed Hadi Mousavi
Food and Chemical Toxicology, Volume 46, Issue 11, November 2008, p. 3443-3447, ISSN 0278-6915,
Keywords: Crocus sativus L.; Cytotoxicity; Apoptosis; HeLa; Hep G2
395. Superoxide and hydroxyl radical scavenging actions of botanical extracts of *Wagatea spicata*/ Geetha Samak...[et al.]
Food Chemistry, In Press, Corrected Proof, Available online 30 December 2008,ISSN 0308-8146,
Keywords: Wagatea spicata; Free radical; Superoxide; Hydroxyl; Phenolics; Flavonoid
396. Trinorcucurbitane and cucurbitane triterpenoids from the roots of *Momordica charantia*/ Jianchao Chen ...[et al.]
Phytochemistry, Volume 69, Issue 4, February 2008, p. 1043-1048, ISSN 0031-9422,
Keywords: Momordica charantia; Cucurbitaceae; Roots; Kuguacins A-E; Trinorcucurbitane triterpenoids; Anti-HIV-1

397. Water-extractable phytochemicals from *Phyllanthus niruri* exhibit distinct in vitro antioxidant and in vivo hepatoprotective activity against paracetamol-induced liver damage in mice/S.M. Sabir, J.B.T. Rocha
Food Chemistry, Volume 111, Issue 4, 15 December 2008, p. 845-851, ISSN 0308-8146,
Keywords: Phyllanthus niruri; Lipid peroxidation; Pro-oxidants; Serum enzymes; Antioxidant; Paracetamol

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