



# BIBLIOGRAFI HASIL PENELITIAN PERTANIAN KOMODITAS TANAMAN REMPAH



**PUSAT PERPUSTAKAAN DAN PENYEBARAN TEKNOLOGI PERTANIAN**  
**Badan Penelitian dan Pengembangan Pertanian**  
**Kementerian Pertanian**

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Diterbitkan oleh  
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Kepala Pusat,

Ir.Farid Hasan Baktir, M.Ec.

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**Keywords : Metronidazole; Genotoxicity; Micronucleus; Binucleus; Coriandrum sativum**

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305. Vacuum pulse-assisted pickling whole jalapeno pepper optimization/ A.Valdez-Fragoso...[*et al.*] *Journal of Food Engineering*, Volume 79, Issue 4, April 2007, p. 1261-1268, ISSN 0260-8774  
**Keywords : Response surface methodology; Jalapeno pepper; Pickling; Dehydration-impregnation; Optimization**
306. Antioxidant activity of some phenolic constituents from green pepper (*Piper nigrum* L.) and fresh nutmeg mace (*Myristica fragrans*)/ Suchandra Chatterjee...[*et al.*] *Food Chemistry*, Volume 101, Issue 2, 2007, p. 515-523, ISSN 0308-8146  
**Keywords : Antioxidant activity; DNA protection; Lignans; Pepper; Phenolics**
307. Extraction of the essential oil of thyme and black pepper by superheated steam/ Mouin Rouatbi, Albert Duquenoy, Pierre Giampaoli  
*Journal of Food Engineering*, Volume 78, Issue 2, January 2007, p. 708-714, ISSN 0260-8774  
**Keywords : Superheated steam distillation; Thyme; Black pepper; Quality**

308. Behavior of Salmonella Rubislaw on ground black pepper (*Piper nigrum* L.)/ Christiane Asturiano Ristori, Marco Antonio dos Santos Pereira, Dilma Scala Gelli  
*Food Control*, Volume 18, Issue 3, March 2007, p. 268-272, ISSN 0956-7135  
**Keywords : Ground black pepper; Salmonella Rubislaw; Water activity; Storage temperature**
309. Antioxidant activity of Japanese pepper (*Zanthoxylum piperitum* DC.) fruit/ Eiji Yamazaki...[*et al.*]  
*Food Chemistry*, Volume 100, Issue 1, 2007, p. 171-177, ISSN 0308-8146  
**Keywords : Japanese pepper; Antioxidant; 1,1-Diphenyl-2-picrylhydrazyl; Hyperoside; Quercitrin**
310. Thermoluminescence parameters and kinetics of irradiated inorganic dust collected from black peppers/ Birol Engin  
*Food Control*, Volume 18, Issue 3, March 2007, p. 243-250, ISSN 0956-7135  
**Keywords : Detection method; Food irradiation; Thermoluminescence; Black pepper**
311. Pathogenicity and RAPD analysis of *Phytophthora nicotianae* pathogenic to pepper in Tunisia/ Trabelsi Darine...[*et al.*]  
*Physiological and Molecular Plant Pathology*, Volume 70, Issues 4-6, April-June 2007, p. 142-148, ISSN 0885-5765  
**Keywords : Phytophthora nicotianae; RAPD pathogenicity**
312. Use of pepper crop residues for the control of root-knot nematodes/ A.Piedra Buena...[*et al.*]  
*Bioresource Technology*, Volume 98, Issue 15, November 2007, p. 2846-2851, ISSN 0960-8524  
**Keywords : Organic amendments; Biofumigation; Solarization; Meloidogyne incognita; Integrated crop management**
313. Functional analysis of the promoter of the pepper pathogen-induced gene, CAPIP2, during bacterial infection and abiotic stresses/ Sung Chul Lee...[*et al.*]  
*Plant Science*, Volume 172, Issue 2, February 2007, p.236-245, ISSN 0168-9452

**Keywords : Cis-acting elements; Environmental stress; Pathogenesis-related gene; Promoter analysis; Systemic acquired resistance**

314. Effect of illumination on the display life of fresh pork sausages packaged in modified atmosphere. Influence of the addition of rosemary, ascorbic acid and black pepper/ Luis Martinez...[*et al.*]  
*Meat Science*, Volume 75, Issue 3, March 2007, p. 443-450, ISSN 0309-1740

**Keywords : Pork fresh sausages; Modified atmosphere packaging; Lighting; Antioxidants; Colour**

315. High oxygen combined with high carbon dioxide improves microbial and sensory quality of fresh-cut peppers/ Andres Conesa...[*et al.*]  
*Postharvest Biology and Technology*, Volume 43, Issue 2, February 2007, p; 230-237, ISSN 0925-5214

**Keywords : Minimal processing; Quality attributes; Bacteria; Yeast and mould; Food safety**

316. Enhanced synthesis of feruloyltyramine and 4-coumaroyltyramine is associated with tyramine availability in transgenic rice expressing pepper tyramine N-hydroxycinnamoyltransferase/ Da Eun Lee...[*et al.*]  
*Plant Science*, Volume 172, Issue 1, January 2007, p. 57-63, ISSN 0168-9452

**Keywords : Tyramine N-hydroxycinnamoyltransferase; Transgenic rice; Feruloyltyramine; 4-Coumaroyltyramine; Tyramine**

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317. Host marking by female pepper weevils, *Anthonomus eugenii*/ Addresso K.M...[*et al.*]  
*Entomologia Experimentalis et Applicata*, 2007, 125 (3), p. 269-276

**Keywords : Crop damage; Insect pests; Insect repellents; Oviposition deterrents; Pheromones**

318. Antioxidant activity of some phenolic constituents from green pepper (*Piper nigrum* L.) and fresh nutmeg mace (*Myristica fragrans*)/ Suchandra-Chatterjee...[*et al.*]  
*Food Chemistry*, 2007, 101 (2), p. 515-523  
**Keywords : Antioxidant-properties; Antioxidants; Chemical composition; Free radicals; Mace**
319. Pathogenicity and RAPD analysis of *Phytophthora nicotianae* pathogenic to pepper in Tunisia/ Darine Trabelsi...[*et al.*]  
*Physiological and Molecular Plant Pathology*, 2007, 70 (4-6), p. 142-148  
**Keywords : Methods and techniques; Infection; Molecular Genetics; Horticulture ; Phytophthora; Nicotianae infection; Fungal disease**
320. Greenhouse microclimate and soilless pepper crop production and quality as affected by a fog evaporative cooling system/ Katsoulas N...[*et al.*]  
*Transactions of the ASABE*, 2007, 50 (5), p. 1831-1840  
**Keywords : Air temperature; Cooling systems; Crop production; Crop quality; Crop yield**
321. Pathogenicity of Pepper mild mottle virus is controlled by the RNA silencing suppression activity of its replication protein but not the viral accumulation/ Tsuda S...[*et al.*]  
*Phytopathology*, 2007, 97 (4), p. 412-420  
**Keywords : Gene-silencing; Genetic transformation; Genetically engineered microorganisms; Mutants; Mutations**
322. Effect of illumination on the display life of fresh pork sausages packaged in modified atmosphere, Influence of the addition of rosemary, ascorbic acid and black pepper/ Martinez L...[*et al.*]  
*Meat Science*, 2007, 75 (3), p. 443-450  
**Keywords : Antioxidants; Ascorbic acid; Black pepper; Discoloration; Food packaging**
323. Monitoring nitrate leaching in sandy soils: comparison of three methods/ Zotarelli L...[*et al.*]  
*Journal of Environmental Quality*, 2007, 36 (4), p. 953-962  
**Keywords : Application rates; Fertigation; Groundwater; Groundwater pollution; Leaching**

324. Cattle are cash generating assets for mixed smallholder farms in the Eastern Amazon/ Siegmund-Schultze M...[*et al.*]  
*Agricultural Systems*, 2007, 94 (3), p. 738-749  
**Keywords : Assets; Back pepper; Cassava; Cattle farming; Costs**
325. Sulphur accumulation after *Verticillium dahliae* infection of two pepper cultivars differing in degree of resistance/ Novo M...[*et al.*]  
*Plant Pathology*, 2007, 56 (6), p. 998-1004  
**Keywords : Chemical composition; Cysteine; Disease resistance; Fungal diseases; Glutathione**
326. The incidence of root-knot nematodes *Meloidogyne arenaria*, *M. incognita*, and *M. javanica* on vegetables and weeds in Montenegro/ Pajovic I...[*et al.*]  
*Plant Disease*, 2007, 91 (11), p.1514  
**Keywords : Cucumbers; Geographical distribution; Lettuces; New geographic records; Plant parasitic nematodes**
327. Photoperiod regulates elicitation of growth promotion but not induced resistance by plant growth-promoting rhizobacteria/ Kloepper J W, Gutierrez Estrada A, McInroy J A,  
*Canadian Journal of Microbiology*, 2007, 53 (2), p. 159-167  
**Keywords : Biomass; Disease resistance; Growth; Induced resistance; photoperiodism**
328. Characterization of the nonconserved *hpaB hrpF* region in the *hrp* pathogenicity island from *Xanthomonas campestris* pv. *vesicatoria*/ Buttner D...[*et al.*]  
*Molecular Plant Microbe Interactions*, 2007, 20 (9), p. 1063-1074  
**Keywords : Genes; Genetic analysis; Operons; Pepper; Plant diseases**
329. Storage stability of dehydrated chicken chunks in different packaging materials/ Hameed R S...[*et al.*]  
*Indian Veterinary Journal*, 2007, 84 (12), p. 1283-1285  
**Keywords : Black pepper; Chicken meat; Dehydration; Food packaging; Food storage; Meat quality**
330. Induction of cell cycle arrest and apoptosis in HT 29 human colon cancer cells by the dietary compound luteolin/ Lim do Y...[*et al.*]

*American Journal of Physiology: Gastrointestinal and Liver Physiology*, 2007, 292 (1), p. G66-G75

**Keywords : Black pepper; Apoptosis; Cell Cycle; Cyclin Dependent Kinase 2; Cyclin Dependent ; Kinase 4; DNA Replication**

331. Essential oils as modifiers of rumen microbial fermentation/ Calsamiglia S...[*et al.*]  
*Journal of Dairy Science*, 2007, 90 (6), p. 2580-2595  
**Keywords : Black pepper; Ammonia; Capsaicin; Dairy cattle; Dets; Disease control**
332. Metal accumulation in soil after application of municipal solid waste compost under intensive farming conditions/ Madrid F, Lopez R, Cabrera F.  
*Agriculture, Ecosystems & Environment*, 2007, 119 (3-4), p. 249-256  
**Keywords : Agricultural soils; Copper; Crop yield; Cropping systems; Greenhouse soils**
333. Evaluating temperate species for the subtropics.1. Annual ryegrasses/ Lowe K F  
*Tropical Grasslands*, 2007, 41 (1), p. 9-25  
**Keywords : Application rates; Crop yield; Disease resistance; Fungal diseases; Grass sward**
334. Occurrence of antibiotic-resistant bacteria and endotoxin associated with the land application of biosolids/ Brooks J P...[*et al.*]  
*Canadian Journal of Microbiology*, 2007, 53 (5), p. 616-622  
**Keywords : Black pepper; Agricultural soils; Antibiotic residues; Antibiotics; Application to land; Drug residues**
335. Evaluating temperate species for the subtropics. 1. Annual ryegrasses/ Lowe K F...[*et al.*]  
*Tropical Grasslands*, 2007, 41 (1), p. 9-25  
**Keywords : Application rates; Crop yield; Disease resistance; Fungal diseases; Grass sward**
336. Total phenolic contents, chelating capacities, and radical scavenging properties of black peppercorn, nutmeg, rosehip, cinnamon and oregano leaf/ Su L...[*et al.*]  
*Food Chemistry*, 2007, 100 (3), p. 990-997



**Keywords : Antioxidant properties; Antioxidants; Black pepper; Chelation; Chemical composition**

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337. Effects of biosolarization as methyl bromide alternative for *Meloidogyne incognita* control on quality of soil under pepper/ Margarita Ros...[*et al.*]  
*Biology and Fertility of Soils*. Berlin: Oct 2008. Vol. 45, Iss. 1, p. 37-44  
**Keywords : Biosolarization ; Methyl bromide ; Meloidogyne incognita Pepper Margarita Ros**
338. Involvement of the pepper antimicrobial protein Ca AMP1 gene in broad spectrum disease resistance/ Sung Chul Lee...[*et al.*]  
*Plant Physiology*. Rockville : Oct 2008. Vol.148, Iss. 2, p. 1004-20  
**Keywords : Pepper; Antimicrobial Protein ; CaAMP1 Gene; Disease Resistance**

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339. Sequential selection and efficacy of antagonistic rhizobacteria for controlling *Phytophthora* blight of pepper/ Hye Sook Kim...[*et al.*]  
*Crop Protection*, Volume 27, Issues 3-5, March-May 2008, p. 436-443, ISSN 0261-2194  
**Keywords : Antagonistic bacteria; Biological control; Pepper disease; Phytophthora capsici; Screening method**
340. Assessment of spore contamination in pepper by determination of dipicolinic acid with a highly sensitive HPLC approach/ Jorg Fichtel, Henrik Sass, Jurgen Rullkotter  
*Food Control*, Volume 19, Issue 10, October 2008, p. 1006-1010, ISSN 0956-7135  
**Keywords : Pepper; Spices; Endospores; Dipicolinic acid; HPLC**
341. Evaluation of a wide range of pepper genotypes for regeneration and transformation with an *Agrobacterium tumefaciens* shooter strain/ E. Balazs...[*et al.*]  
*South African Journal of Botany*, Volume 74, Issue 4, November 2008, p. 720-725, ISSN 0254-6299

**Keywords : Doubled haploid transgenic cultivars; Pepper regeneration; Transgenic virus resistance**

342. Fate of fluazinam in pepper and soil after application/ Feng shou Dong...[*et al.*]  
*Agricultural Sciences in China*, Volume 7, Issue 2, February 2008, p. 193-199, ISSN 1671-2927  
**Keywords : Fluazinam; Residue; Pepper; Soil**
343. Development of shelf stable pepper based appetizers by response surface methodology (RSM)/ D.D. Wadikar...[*et al.*]  
*LWT - Food Science and Technology*, Volume 41, Issue 8, November 2008, p. 1400-1411, ISSN 0023-6438  
**Keyword s: Appetizer; Pepper; Convenience beverage mixes; Response surface methodology (RSM); Pungency**
344. Effects of chitin and salicylic acid on biological control activity of *Pseudomonas* spp. against damping off of pepper/ M. Rajkumar, K. J. Lee, H. Freitas  
*South African Journal of Botany*, Volume 74, Issue 2, April 2008, p. 268-273, ISSN 0254-6299  
**Keywords : Biocontrol; Chitin; Damping off; Pepper; Salicylic acid**
345. Fast determination of capsaicinoids from peppers by high-performance liquid chromatography using a reversed phase monolithic column/ G.F. Barbero...[*et al.*]  
*Food Chemistry*, Volume 107, Issue 3, 1 April 2008, p. 1276-1282, ISSN 0308-8146  
**Keywords : Capsaicinoids; Peppers; Liquid chromatography; Monolithic column**
346. Modelling Na and Cl concentrations in the recycling nutrient solution of a closed cycle pepper cultivation/ D. Savvas...[*et al.*]  
*Biosystems Engineering*, Volume 99, Issue 2, February 2008, p. 282-291, ISSN 1537-5110  
**Keywords : Pepper, Na, Cl**
347. Cryogenic grinding of black pepper/ C.T. Murthy, Suvendu Bhattacharya  
*Journal of Food Engineering*, Volume 85, Issue 1, March 2008, p.18-28, ISSN 0260-8774

**Keywords : Liquid nitrogen; Volatile oil; Chromatographic analysis; Monoterpenes; Sesquiterpenes**

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348. Effect of cooking on the antioxidant properties of coloured peppers/ Chuah Ai Mey...[*et al.*]  
*Food Chemistry*, 2008, 111 (1), p. 20-28  
**Keywords : Biochemistry and Molecular Biophysics; Foods boiling, Antioxidant property, Radical scavenging activity, Stir frying**
349. Bactericidal activity of ozone against Escherichia coli in whole and ground black peppers/ Emer-Zehr...[*et al.*]  
*QJournal of Food Protection*, 2008, 71 (5), p. 914-917  
**Keywords : Pesticides; Foods black pepper (herbs and spices), Microbial reduction**
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*eed Science*, 2008, 56 (4), p. 606-613  
**Keywords : Crop density; Fallow; Mulching; Straw; Tillage**
351. Functional markers for selection of potyvirus resistance alleles at the pvr2 eIF4E locus in pepper using tetra-primer ARMS-PCR/ Rubio Manue, Caranta Carol, Palloix Alain (alain.palloix@avignon.inra.fr),  
*Genome*, 2008, 51 (9), p. 767-771  
**Keywords : Molecular Genetics (Biochemistry and Molecular Biophysics) phenotypic variation; Potyvirus resistance; Genotype resistant**
352. Correlation and calibration of phosphorus analysis in soils from Yucatan, Mexico, for growing habanero peppers/ Borges Gomez L...[*et al.*]  
*Agrociencia*, 2008, 42 (1), p. 21-27  
**Keywords : Calibration; Correlation analysis; Crop yield; Dry matter; Fruits**
353. Aflatoxins contamination in spices and processed spice products commercialized in Korea/ Cho Sung Hy...[*et al.*]

*Food Chemistry*, 2008, 107 (3), p.1283-1288

**Keywords : Methods and Techniques; Biochemistry and Molecular Biophysics; Foods pepper paste (herbs and spices)**

354. Identification of *Phytophthora cryptogea* as the cause of rapid decline of petunia (*Petunia x hybrida*) in Chile/ Ampuero J...[*et al.*]  
*Plant Disease*, 2008, 92 (11), p. 1529-1536  
**Keywords : Avocados; Chemical control; Chlorothalonil; Cucumbers; Fungal iseases**
355. Effects of a chemical company fire on the occurrence of polycyclic aromatic hydrocarbons in plant foods/ Rey Salgueiro Ledici...[*et al.*]  
*Food Chemistry*, 2008, 108 (1), p. 347-353  
**Keywords : Pollution Assessment Control and Management; Foodspepper (vegetable); Chemical company fire**
356. Life history parameters of *Lasioderma serricorne* (F.) as influenced by food sources/ Mahroof Rizana M, (rmahroof@scsu.edu), Phillips Thomas W,  
*Journal of Stored Products Research*, 2008, 44 (3), p. 219-226  
**Keywords : Pest Assessment Control and Management body weight; Survival rate; Fecundity; Oviposition; Adult longevity**
357. Aroma impact components of Brazilian Cabernet Sauvignon wines using detection frequency analysis (GC olfactometry)/ Falcao Leila Denis...[*et al.*]  
*Food Chemistry*, 2008, 107 (1), p. 497-505  
**Keywords : Methods and Techniques; Foods food aroma, Brazilian Cabernet Sauvignon wine (wine), BR wine (wine)**
358. Effect of water cooking on free phytosterol levels in beans and vegetables/ Amiot Carlin Marie. J...[*et al.*]  
*Food Chemistry*, 2008, 107 (4), p. 1379-1386  
**Keywords : Biochemistry and Molecular Biophysics; Methods and Techniques; Foods**
359. Exposure time to lethal temperatures for *Meloidogyne incognita* suppression and its implication for soil solarization/ Wang K H, McSorley R,  
*Journal of Nematology*, 2008, 40 (1), p. 7-12

**Keywords : Effects; Hatching; Heat sums; Heat treatment; Peat**

360. Spice-derived essential oils: effective antifungal and possible therapeutic agents/ Kamble V A, Patil S D,  
*Journal of Herbs, Spices & Medicinal Plants*, 2008, 14 (3-4), p. 129-143  
**Keywords : Allspice; Antifungal properties; Cardamoms; Celery; Cloves**
361. Morphological and molecular characterization of *Pratylenchus lentis* sp (Nematoda: *Pratylenchidae*) from Sicily/ Troccoli A...[*et al.*]  
*Journal of Nematology*, 2008, 40 (3), p. 190-196  
**Keywords : Parasitology; Systematics and Taxonomy; Horticulture (Agriculture) host range, Morphological characterization**

#### SCIENCE DIRECT (2009)

362. The degradation kinetics of flavor in black pepper (*Piper nigrum* L.)/ P. Nisha...[*et al.*]  
*Journal of Food Engineering*, Volume 92, Issue 1, May 2009, p. 44-49, ISSN 0260-8774  
**Keywords : Flavor degradation; Kinetics; Black pepper; Piperine; Oleoresin**
363. Translocation and distribution of <sup>32</sup>P labelled potassium phosphonate in black pepper (*Piper nigrum* L.)/ R. Anil Kumar...[*et al.*]  
*Crop Protection*, Volume 28, Issue 10, October 2009, p. 878-881, ISSN 0261-2194  
**Keywords : Autoradiography; Black pepper; Liquid scintillation counting; Phosphorus-32; Potassium phosphonate**
364. Dissipation rates of insecticides and fungicides in peppers grown in greenhouse and under cold storage conditions/ Jose Fenoll  
*Food Chemistry*, Volume 113, Issue 2, 15 March 2009, p. 727-732, ISSN 0308-8146  
**Keywords : Pirimicarb; Pyriproxyfen; Buprofezin; Cyprodinil; Fludioxonil**
365. Improved productivity and quality associated with salicylic acid application in greenhouse pepper/ M.W.M. Elwan, M.A.M, El-Hamahmy

*Scientia Horticulturae*, Volume 122, Issue 4, 3 November 2009, p. 521-526, ISSN 0304

**Keywords : Pepper; Greenhouse; Salicylic acid; Fruit productivity and quality**

366. Molecular characterization of a biotic and abiotic stress resistance-related gene RelA/SpoT homologue (PepRSH) from pepper/ Tae Ho Kim...[*et al.*]

*Plant Science*, Volume 176, Issue 5, May 2009, p. 635-642, ISSN 0168-9452

**Keywords : (p)ppGpp synthetase; Biotic and abiotic stress; Pepper**

367. Repellent activity of alligator pepper, *Aframomum melegueta*, and ginger, *Zingiber officinale*, against the maize weevil, *Sitophilus zeamais*/ Donald A, Ukeh...[*et al.*]

*Phytochemistry*, Volume 70, Issue 6, April 2009, p. 751-758, ISSN 0031-9422

**Keywords : Aframomum melegueta; Zingiber officinale; Repellent; Sitophilus zeamais**

368. Influence of dietary spices Black pepper, red pepper and ginger on the uptake of [beta] carotene by rat intestines/ Supriya Veda, Krishnapura Srinivasan

*Journal of Functional Foods*, Volume 1, Issue 4, October 2009, p. 394-398, ISSN 1756-4646

**Keywords : Dietary pungent spices; [beta] Carotene; Intestinal uptake; Micronutrient deficiency**

369. Analyses of selected non-authorized insecticides in peppers by gas chromatography/mass spectrometry and gas chromatography/tandem mass spectrometry/ Milagros Mezcu...[*et al.*]

*Food Chemistry*, Volume 112, Issue 1, 1 January 2009, p. 221-225, ISSN 0308-8146

**Keywords : Insecticides; Food; Gas chromatography; Mass spectrometry; Pesticides**

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370. Correlation of metabolites in the leaf and berries of selected black pepper varieties/ T, John Zachariah...[*et al.*]  
*Scientia Horticulturae*, Volume 123, Issue 3, 4 January 2010, p. 418-422, ISSN 0304-4238  
**Keywords : Black pepper; Essential oil; Piperine; Caryophyllene; Germacrene-D**
371. The aflatoxin contamination of ground red pepper and pistachio nuts sold in Turkey/ E. Set, O. Erkmén  
*Food and Chemical Toxicology*, Volume 48, Issues 8-9, August-September 2010, p. 2532-2537, ISSN 0278-6915  
**Keywords: Aflatoxin; Pepper; Pistachio nut; Aspergillus**
372. A seasonal model of contracts between a monopsonistic processor and smallholder pepper producers in Costa Rica/ Fernando Saenz Segura, Marijke D'Haese, Robert A. Schipper  
*Agricultural Systems*, Volume 103, Issue 1, January 2010, p. 10-20, ISSN 0308-521X  
**Keywords : Contracts; Collective action; Marketing system; Pepper; Institutional development**
373. Effect of intercropping pepper with sugarcane on populations of *Liriomyza huidobrensis* (Diptera: Agromyzidae) and its parasitoids/ Bin Chen...[*et al.*]  
*Crop Protection, In Press*, Corrected Proof, Available online 23 December 2010, ISSN 0261-2194  
**Keywords : Liriomyza huidobrensis; Intercropping; Pepper; Sugarcane**
374. Screening of endophytic bacteria and evaluation of selected isolates for suppression of burrowing nematode (*Radopholus similis* Thorne) using three varieties of black pepper (*Piper nigrum* L.)/ R. Aravind...[*et al.*]  
*Crop Protection*, Volume 29, Issue 4, April 2010, p. 318-324, ISSN 0261-2194  
**Keywords : Biological control; Black pepper; Burrowing nematode; Endophytic bacteria; Piper nigrum**

375. Up-regulated expression of lipoxygenase and divinyl ether synthase genes in pepper leaves inoculated with Tobamoviruses/ Gabor Gullner...[*et al.*] *Physiological and Molecular Plant Pathology*, Volume 74, Issues 5-6, September 2010, p. 387-393, ISSN 0885-5765  
**Keywords : Allene oxide synthase; Divinyl ether synthase; Lipoxygenase; Oxylipin; Pepper**
376. Efficacy of composting infected plant residues in reducing the viability of Pepper mild mottle virus, Melon necrotic spot virus and its vector, the soil-borne fungus *Olpidium bornovanus*/ M.I. Aguilar...[*et al.*] *Crop Protection*, Volume 29, Issue 4, April 2010, p. 342-348, ISSN 0261-2194  
**Keywords : PMMV; Melon; Pepper; Soil-borne pathogens; Vegetable crops**
377. Systems involved in K<sup>+</sup> uptake from diluted solutions in pepper plants as revealed by the use of specific inhibitors/ Francisco Rubio...[*et al.*] *Journal of Plant Physiology*, Volume 167, Issue 17, 15 November 2010, p. 1494-1499, ISSN 0176-1617  
**Keywords : Potassium; High-affinity; Absorption; Pepper**
378. Effect of gamma radiation on reduction of mycotoxins in black pepper/ M. Jalili, S. Jinap, A. Noranizan  
*Food Control*, Volume 21, Issue 10, October 2010, p. 1388-1393, ISSN 0956-7135  
**Keywords : Black pepper; Mycotoxin; Gamma ray**
379. Characterisation of *Phytophthora capsici* isolates from black pepper in Vietnam/ Nguyen V.Truong, Edward C.Y. Liew, Lester W. Burgess  
*Fungal Biology*, Volume 114, Issues 2-3, February-March 2010, p.160-170, ISSN 1878-6146  
**Keywords : Phytophthora foot rot; Piper nigrum**
380. Physico-chemical, biochemical and microbial properties of the rhizospheric soils of tree species used as supports for black pepper cultivation in the humid tropics/ R. Dinesh ...[*et al.*] *Geoderma*, Volume 158, Issues 3-4, 15 September 2010, p. 252-258, ISSN 0016-7061  
**Keywords : Erythrina variegata; Garuga pinnata; Gliricidia sepium; Ailanthus triphysa; Piper nigrum**



381. Isotopic evidence of significant assimilation of atmospheric-derived nitrogen fixed by *Azospirillum brasilense* co-inoculated with phosphate-solubilising *Pantoea dispersa* in pepper seedling/ Pilar Flores...[*et al.*]  
*Applied Soil Ecology*, Volume 46, Issue 3, November 2010, p. 335-340, ISSN 0929-1393  
**Keywords : Azospirillum; Plant growth promoting bacteria; Nitrate; Biological nitrogen fixation; <sup>15</sup>N natural abundance**
382. Reduction in the pH of vegetables by vacuum impregnation: A study on pepper/ A. Derossi, T.e Pilli, C.Severini  
*Journal of Food Engineering*, Volume 99, Issue 1, July 2010, p. 9-15, ISSN 0260-8774  
**Keywords : Vacuum impregnation; Acidification; Vegetables; Lactic acid**
383. The effects of realistic and preferred doses of red pepper on energy intake and expenditure/ M.J. Ludy, R.D. Mattes  
*Appetite*, Volume 54, Issue 3, June 2010, p. 659, ISSN 0195-6663  
**Keywords : Red pepper**
384. Piperine, the main alkaloid of Thai black pepper, protects against neurodegeneration and cognitive impairment in animal model of cognitive deficit like condition of Alzheimer's disease/ Pennapa honpathompikunlert, Jintanaporn Wattanathorn, Supaporn Muchimapura  
*Food and Chemical Toxicology*, Volume 48, Issue 3, March 2010, p. 798-802, ISSN 0278-6915  
**Keywords : Piperine; Spatial memory; Neuroprotective; Neurotrophic effect**

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385. Global sources of pepper genetic resources against arthropods, nematodes and pathogens/ B. Sarath Babu...[*et al.*]  
*Crop Protection, In Press*, Corrected Proof, Available online 11 January 2011, ISSN 0261-2194  
**Keywords : Pepper genotypes; Arthropods; Nematodes; Pathogens; Resistant sources**

386. Effect of drying treatments on tecture and color of vegetables (pumpkin and green pepper)/ Raquel P. F. Guine, Maria Joao Barroca  
*Food and Bioproducts Processing*, In Press, Accepted Manuscript, Available online 15 January 2011, ISSN 0960-3085  
**Keywords : Green pepper; Pumpkin; Hardness; Texture; Color**
387. The inhibitory effect of black pepper on formation of heterocyclic aromatic amines in high-fat meatball/ Fatih Oz, Mukerrem Kaya  
*Food Control*, Volume 22, Issues 3-4, March-April 2011, p. 596-600, ISSN 0956-7135  
**Keywords : Heterocyclic aromatic amines; Meatball; Black pepper; Solid phase extraction**
388. Enhancement of growth and salt tolerance of red pepper seedlings (*Capsicum annuum* L.) by regulating stress ethylene synthesis with halotolerant bacteria containing laminocyclopropane 1 carboxylic acid deaminase activity/ Md, Ashaduzzaman Siddikee...[et al.]  
*Plant Physiology and Biochemistry*, In Press, Accepted Manuscript, Available online 21 January 2011, ISSN 0981-9428  
**Keywords : Halotolerant bacteria; Ethylene; ACC deaminase; Plant growth promoting bacteria (PGPB); Salt stress**
389. Gaseous emissions from soil biodisinfestation by animal manure on a greenhouse pepper crop/ H. Arriaga...[et al.]  
*Crop Protection*, In Press, Corrected Proof, Available online 14 January 2011, ISSN 0261-2194  
**Keywords : Ammonia; Animal manure; Biodisinfestation; Carbon dioxide; Nitrous oxide**
390. Application of the EN 1788 European standard for the control of saffron, pepper and blends/ V. Correcher, J. Garcia Guinea  
*Food Control*, Volume 22, Issue 2, February 2011, p. 173-179, ISSN 0956-7135  
**Keywords : Pepper; EN 1788 European standard; Saffron**

## LEMPUYANG

### TEEAL (2006)

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*Journal of Sustainable Agriculture*, 2006, 28 (4), p. 45-54  
**Keywords : Cloves; Cowpeas; Cultural-Control; Garlic; Insect-Control**
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*Plant Disease*, 2006, 90 (6), p.734-740  
**Keywords : Fungal-Morphology;Geographical- tribution;Nucleotide-Sequences; Plant-Pathogenic-Fungi; Plant-Pathogens**
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*Meat Science*, 2006, 73 (2), p. 236-244  
**Keywords : Antibacterial properties; Cloves; Essential oil plants; Essential oils; Food preservatives**
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*Weed Science*, 2006, 54 (5), p. 833-837  
**Keywords : Broccoli; Cell membranes; Cloves; Electrolytes; Essential oil plants**
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*Meat Science*, 2006, 74 (2), p. 409-415  
**Keywords : Antioxidants; Ascorbic acid; Buffalo meat; Cloves; Coliform bacteria**
396. Mechanism of action of Spanish oregano, Chinese cinnamon, and savory essential oils against cell membranes and walls of *Escherichia coli* O157: H7 and *Listeria monocytogenes*/ Oussalah-M, Caillet-S, Lacroix-M

*Journal of Food Protection*, 2006, 69 (5), p. 1046-1055

**Keywords : Antibacterial properties; ATP; Cell membranes; Cell  
walls; Culinary herbs**

397. Effects of three herbs as feed supplements on blood metabolites, hormones, antioxidant activity, IgG concentration, and ruminal fermentation in Holstein steers/ Hosoda-K...[*et al.*]  
*Asian-Australasian Journal of Animal Sciences*, 2006, 19 (1), p. 35-41  
**Keywords : Antioxidants; Cholesterol; Cloves; Diets; Feed  
Supplements**

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Wojdylo A, Oszmianski J, Czemerz R,  
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acid; Isorhamnetin**
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*Listeria monocytogenes* in pasteurized milk/ Cava R...[*et al.*]  
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**Keywords : Antibacterial properties; Cinnamon; Cloves; Essential  
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*Journal of Food Protection*, 2007, 70 (9), p. 2089-2094  
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Cinnamon**
401. Antioxidant potential of synthetic and natural antioxidants and its effect  
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*Food Chemistry*, 2007, 105 (3), p. 908-916  
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Beef; Butylated hydroxyanisole**

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*Journal of Nematology*, 2007, 39 (1), p. 31-36  
**Keywords : Cinnamic acid; Cinnamon; Essential oils; Nematicidal properties; Non Wood forest products**
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*Food Chemistry*, 2007, 103 (3), p.749-756  
**Keywords : Antioxidant properties; Chemical composition; Curcumin; Medicinal plants; Plant-extracts**
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*Journal of Food Protection*, 2007, 70 (4), p. 901-908  
**Keywords : Alginates; Antimicrobial properties; Bacterial diseases; Calcium chloride; Cinnamon**
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*Journal of Food Protection*, 2007, 70 (6), p. 1440-1445  
**Keywords : Antimicrobial properties; Antioxidants; Culinary herbs; Extracts; Food contamination**
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*Plant Disease*, 2007, 91 (4), p. 375-379  
**Keywords : Antifungal p roperties; Botanical fungicides; Cinnamon; Citral; Cloves**
407. Comparison of essential oils of clove buds extracted with supercritical carbon dioxide and other three traditional extraction methods/ Guan WenQiang...[*et al.*]  
*Food Chemistry*, 2007, 101 (4), p. 1558-1564  
**Keywords : Buds; Cloves; Essential oil plants; Chemical composition; Essential oils**

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*Plant Cell Reports*, Berlin : Nov 2008. Vol.27, Iss. p. 1767-1776  
**Keywords : Zingiber; Pythium aphanidermatum; Zingiberaceae**
409. Molecular cloning and functional characterization of [alpha]-humulene synthase, a possible key enzyme of zerumbone biosynthesis in shampoo ginger (*Zingiber zerumbet* Smith)/ Fengnian Yu...[*et al.*]  
*Planta*, Berlin : May 2008. Vol.227, Iss. 6, p. 1291-1299  
**Keywords : Zingiber zerumbet Smith; alpha humulene synthase; Ginger**
410. Population genetic structure of the clonal plant *Zingiber zerumbet* (L.) Smith (*Zingiberaceae*), a wild relative of cultivated ginger, and its response to *Pythium aphanidermatum*/ P G Kavitha, G Thomas,  
*Euphytica*. Dordrecht: Mar 2008. Vol. 160, Iss. 1, p. 89-100  
**Keywords : Zingiberaceae; Zingiber zerumbet (L.); ginger; Pythium aphanidermatum**

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*Food Chemistry*, 2008, 109 (3), p. 477-483  
**Keywords : Pharmacognosy (Pharmacology); Enzymology (Biochemistry and Molecular Biophysics) antioxidant Activity; Total phenolic content; Inhibition activity;Ascorbic acid equivalent antioxidant capacity**

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*Food Control*, Volume 18, Issue 11, November 2007, p.1428-1433, ISSN 0956-7135  
**Keywords : Coli O157:H7; Oregano; Nutmeg; Chicken; Essential oil**
415. Total phenolic contents, chelating capacities, and radical-scavenging properties of black peppercorn, nutmeg, rosehip, cinnamon and oregano leaf/ Lan Su...[*et al.*]  
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**Keywords : Antioxidant; Free radicals; Black peppercorn; Nutmeg;Cinnamon**
416. Antioxidant activity of some phenolic constituents from green pepper (*Piper nigrum* L.) and fresh nutmeg mace (*Myristica fragrans*)/ Suchandra Chatterjee...[*et al.*]  
*Food Chemistry*, Volume 101, Issue 2, 2007, p. 515-523, ISSN 0308-8146  
**Keywords : Antioxidant activity; DNA protection; Lignans; Mace; Pepper**

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*Journal of Food Protection*, 2007, 70 (11), p. 2626-2630  
**Keywords : Antibacterial properties; Bacterial diseases; Chicken meat; Essential oils; Foodborne diseases**
418. Total phenolic contents, chelating capacities, and radical-scavenging properties of black peppercorn, nutmeg, rosehip, cinnamon and oregano leaf/ Su L...[*et al.*]  
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420. Identification and estimation of a novel fluorescent compound in nutmeg/ Suchandra Chatterjee...[*et al.*]  
*Journal of Food Composition and Analysis*, Volume 21, Issue 7, November 2008, p. 577-581, ISSN 0889-1575  
**Keywords : Naphthaquinone derivative; Fluorescence; Gamma irradiation; Myristica fragrance; Nutmeg**
421. Conspecific presence makes exploiting cryptic prey more difficult in wild-caught nutmeg mannikins/ Sabrina Courant, Luc Alain Giraldeau  
*Animal Behaviour*, Volume 75, Issue 3, March 2008, p. 1101-1108, ISSN 0003-3472  
**Keywords : Cryptic prey; Interference competition; *Lonchura punctulata*; Nutmeg mannikin; Search image**



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422. Spice-derived essential oils: effective antifungal and possible therapeutic agents/ Kamble V A, Patil S D  
*Journal of Herbs, Spices & Medicinal Plants*, 2008, 14 (3-4), p.129-143  
**Keywords : Allspice; Antifungal properties; Cardamoms; Celery; Cloves**
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*Journal of Food Protection*, 2008, 71 (9), p. 1846-1854  
**Keywords : Infection; Methods and Techniques; Foods bacterial infection; Bacterial Infections (MeSH); Bacterial disease carrot (vegetable)**
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*Phytochemistry*, 2008, 69 (3), p. 765-771  
**Keywords : Animal models; Essential oil plants; Essential oils; Non wood forest products; Nutmegs Myristica**

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*Food Chemistry*, Volume 118, Issue 3, 1 February 2010, p. 489-496, ISSN 0308-8146  
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426. *Vanilla imperialis*, a new record of Orchidaceae from Ethiopia/ Feyera Senbetta, Phillip Cribb, Sebsebe Demissew,  
*ew Bulletin*, Norwich:2006. Vol.61, Iss. 3, p. 439-441  
**Keywords : Vanilla imperialis; Orchidaceae**

427. Effect of using a whey protein fat replacer on textural and sensory characteristics of low-fat vanilla ice cream/ Tülay Özcan Yilsay, Lütfiye Yilmaz, Arzu Akpınar Bayızit  
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**Keywords : Vanilla**

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428. Conservation of Vanilla species, in vitro/ Mino Divakaran, K. Nirmal Babu, K.V. Peter  
*Scientia Horticulturae*, Volume 110, Issue 2, 9 October 2006, p. 175-180, ISSN 0304-4238  
**Keywords : In vitro conservation; Micropropagation; Slow growth storage; Synseeds; Vanilla planifolia**
429. Interspecific hybridization in vanilla and molecular characterization of hybrids and selfed progenies using RAPD and AFLP markers/ Mino Divakaran...[*et al.*]  
*Scientia Horticulturae*, Volume 108, Issue 4, 25 May 2006, p. 414-422, ISSN 0304-4238  
**Keywords : Interspecific hybridization; Molecular characterization; Vanilla aphylla; Planifolia**
430. GC-MS and GC-olfactometry analysis of aroma compounds in a representative organic aroma extract from cured vanilla (*Vanilla planifolia* G, Jackson) beans/ A, Perez Silva...[*et al.*]  
*Food Chemistry*, Volume 99, Issue 4, 2006, p. 728-735, ISSN 0308-8146  
**Keywords : Vanilla planifolia; Cured vanilla beans; Representative aroma extract; Aroma analysis; Gas chromatography olfactometry**

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431. GC-MS and GC-olfactometry analysis of aroma compounds in a representative organic aroma extract from cured vanilla (*Vanilla planifolia* G. Jackson) beans/ Perez Silva A...[*et al.*]

*Food Chemistry*, 2006, 99 (4), p. 728-735

**Keywords : Analytical methods; Aromatic compounds; GC MS;  
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*Plant Pathology*, 2006, 55 (4), p. 523-529

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Nucleotide sequences**

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*Annals of Applied Biology*, 2006, 149 (1), p. 43-52

**Keywords : Chemical composition; Enzyme activity; Enzymes;  
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434. The correlation between vanillin content and vanilla quality/ Rick Brownell,

*Dairy Field*. Northbrook : Sep 2007. Vol. 190, Iss. 9, p.62

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*Food Chemistry*, Volume 105, Issue 3, 2007, p. 1201-1208, ISSN 0308-8146

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*Journal of Food Engineering*, Volume 78, Issue 4, February 2007, p.1267-1273, ISSN 0260-8774

**Keywords : Cellulase; Glucose; Reducing sugars; Ethanol; Vanillin**

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**Keywords : Detection; Extraction; Extracts; Flavour compounds; Methodology**
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*Food Chemistry*, 2007, 101 (3), p. 1059-1062  
**Keywords : Analytical methods; Extracts; HPLC; Quantitative Analysis; Vanillin**

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439. Plantlet regeneration from leaf derived callus of *Vanilla planifolia*/ Andri B Janarthanam, S Seshadri,  
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**Keywords : Vanilla planifolia**

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*Food Chemistry*, Volume 107, Issue 4, 15 April 2008, p. 1701-1709, ISSN 0308-8146  
**Keywords : Coumarin; Vanilla; HS-SPME; GC MS; LC MS**
441. Purification and characterization of cell wall-bound peroxidase from vanilla bean/ Ofelia Marquez ...[*et al.*]  
*LWT - Food Science and Technology*, Volume 41, Issue 8, November 2008, p.1372-1379, ISSN 0023-6438  
**Keywords : Vanilla planifolia Andrews; Vanilla beans; Peroxidase; Cell wall bound**

442. Development of microsatellite markers in cultivated vanilla : Polymorphism and transferability to other vanilla species/ S Bory...[*et al.*]  
*Scientia Horticulturae*, Volume 115, Issue 4, 21 February 2008, p. 420-425, ISSN 0304-4238  
**Keywords : Vanilla; Orchidaceae; Microsatellite; Transferability**
443. Deconstructing the vanilla milkshake : The dominant effect of sucrose on self-administration of nutrient-flavor mixtures/ Amy M. Naleid...[*et al.*]  
*Appetite*, Volume 50, Issue 1, January 2008, p. 128-138, ISSN 0195-6663  
**Keywords : Self administration; Sucrose; Fat; Reinforcement; Macronutrients**
444. Cryopreservation of vanilla (*Vanilla planifolia* A.) apices. A comparison of vitrification and droplet-vitrification procedures/ Maria T. Gonzalez Arnao...[*et al.*]  
*Cryobiology*, Volume 57, Issue 3, December 2008, p. 339, ISSN 0011-2240  
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*Food Chemistry*, 2008, 107 (4), p. 1701-1709  
**Keywords : Methods and Techniques; Biochemistry and Molecular Biophysics; Foods vanilla (sugar product)**

447. Dynamic modeling of *Listeria monocytogenes* growth in pasteurized vanilla cream after postprocessing contamination/ Panagou Efstathios Z, (stathispanagou@aua.gr), Nychas George John E  
*Journal of Food Protection*, 2008, 71 (9), p. 1828-1834  
**Keywords : Methods and Techniques; Models and Simulations (Computational Biology); Foods growth kinetic parameter, vanilla cream (dairy product), postprocessing contamination**
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*Genome*, 2008, 51 (10), p. 816-826  
**Keywords : Molecular Genetics (Biochemistry and Molecular Biophysics)**

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449. Multiplication and cryopreservation of vanilla (*Vanilla planifolia* 'Andrews')/ Maria Teresa Gonzalez Arnao ...[*et al.*]  
*In Vitro Cellular & Developmental Biology, Plant* Columbia: Sep/Oct 2009, Vol.45, Iss.5, p. 574-582  
**Keywords : Vanilla planifolia**
450. Yeast bred to bear artificial vanill/ Rachel Ehrenberg,  
*Science News*, Washington: May 23, 2009, Vol. 175, Iss.11, p. 9  
**Keywords : Vanilla**

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451. Quantification and characterisation of polyphenol oxidase from vanilla bean/ Krzysztof N...[*et al.*]  
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**Keywords : Vanilla beans; Polyphenol oxidase; Quantification; Characterisation**
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*Industrial Crops and Products*, Volume 29, Issues 2-3, March 2009, p. 581-589, ISSN 0926-6690

**Keywords : Vanilla; RAPD; ISSR; Polymorphic markers**

453. Control of virus diseases in intensively cultivated vanilla plots of French Polynesia/ A. Richard...[*et al.*]  
*Crop Protection*, Volume 28, Issue 10, October 2009, p. 870-877, ISSN 0261-2194  
**Keywords : Cucumber mosaic virus; Epidemiology; Potyvirus; Shade house; Vanilla tahitensis**
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*Food Chemistry*, Volume 112, Issue 2, 15 January 2009, p.461-468, ISSN 0308-8146  
**Keywords : Vanilla planifolia; Accelerated curing; Biotic elicitors; Vanilla flavour; Sensory attributes**
455. Variation in intron length in caffeic acid O-methyltransferase (COMT) in Vanilla species (Orchidaceae)/ Pascale Besse...[*et al.*]  
*Plant Science*, Volume 176, Issue 4, April 2009, p. 452-460, ISSN 0168-9452  
**Keywords : COMT; Diversity; Intron; PCR; Vanilla**
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*Journal of Food Engineering*, Volume 93, Issue 4, August 2009, p. 421-426, ISSN 0260-8774  
**Keywords : Extraction; Ultrasonic irradiation; Vanillin; Vanilla pods; Process intensification**
457. Protocol for isolation of vanillin from ice cream and yoghurt to confirm the vanilla beans origin by <sup>13</sup>C-EA-IRMS/ Guenther Lamprecht, Karl Blochberger  
*Food Chemistry*, Volume 114, Issue 3, 1 June 2009, p. 1130-1134, ISSN 0308-8146  
**Keywords : Vanillin; Stable isotope ratio analysis; HPLC; Ice cream; Yoghurt**

458. Optimization of protein extraction method for proteomic analysis of vanilla apices subjected to cryoprotective treatments/ S.E. Valdes Rodri'guez...[*et al.*]  
*Cryobiology*, Volume 59, Issue 3, December 2009, p. 412-413, ISSN 0011-2240  
**Keywords : Vanilla; Proteomic Analysis; Cryoprotective Treatments**

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*Agricultural Water Management*, Volume 97, Issue 7, July 2010, p. 988-994, ISSN 0378-3774  
**Keywords : Vanilla; Intercropping; Arecanut; Irrigation; Nutrition**
460. Effect of gamma-radiation on major aroma compounds and vanillin glucoside of cured vanilla beans (*Vanilla planifolia*)/ K. Kishor Kumar...[*et al.*]  
*Food Chemistry*, Volume 122, Issue 3, 1 October 2010, p. 841-845, ISSN 0308-8146  
**Keywords : Vanilla planifolia Andrews; Vanillin; Vanillin glucoside; Moulds; Gamma-irradiation**
461. Simultaneous elimination of Cucumber mosaic virus and Cymbidium mosaic virus infecting *Vanilla planifolia* through meristem culture/ S.T. Rethesh, A.I. Bhat  
*Crop Protection*, Volume 29, Issue 10, October 2010, p. 1214-1217, ISSN 0261-2194  
**Keywords : Cucumber mosaic virus; Cymbidium mosaic virus; Meristem culture; RT PCR; Vanilla**
462. Evidence of transoceanic dispersion of the genus *Vanilla* based on plastid DNA phylogenetic analysis/ Anthony Bouetard...[*et al.*]  
*Molecular Phylogenetics and Evolution*, Volume 55, Issue 2, May 2010, p. 621-630, ISSN 1055-7903  
**Keywords : Orchidaceae; Vanilla; psaB; psbB; psbC**
463. Biological variation of *Vanilla planifolia* leaf metabolome/ Tony Lionel Palama



*Phytochemistry*, Volume 71, Issues 5-6, April 2010, p. 567-573, ISSN 0031-9422

**Keywords: Vanilla planifolia; Orchidaceae; Metabolomic; NMRspectroscopy; CAM Plants**

464. Proteomic analysis of in vitrovanilla (*Vanilla planifolia*) apices subjected to cryoprotective treatments following vitrification approach/ Silvia Valdes Rodriguez...[*et al.*]

*Cryobiology*, Volume 61, Issue 3, December 2010, p. 403, ISSN 0011-2240

**Keywords : Vanilla Planifolia; Proteomic Analysis**

465. Adjustment of cryoprotective conditions for vanilla (*Vanilla planifolia*) shoot-tips subjected to a droplet-vitrification protocol/ Maria Teresa Gonzalez Arnao...[*et al.*]

*Cryobiology*, Volume 61, Issue 3, December 2010, p. 402, ISSN 0011-2240

**Keywords : Vanilla Planifolia**

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*Meat Science*, 2006, 73 (2), p. 236-244

**Keywords : Antibacterial Properties; Cloves; Essential Oil Plants; Essential Oils; Food Preservatives**

467. Antimicrobial activity of essential oils on *Salmonella Enteritidis*, *Escherichia coli*, and *Listeria innocua* in fruit juices/ Raybaudi Massilia R M, Mosqueda Melgar J, Martin Belloso O

*Journal of Food Protection*, 2006, 69 (7), p. 1579-1586

**Keywords : Antimicrobial Properties; Apple Juice; Bacterial Diseases; Benzaldehyde; Cinnamon**

468. The effects of three herbs as feed supplements on blood metabolites, hormones, antioxidant activity, IgG concentration, and ruminal fermentation in Holstein steers/ Hosoda K...[*et al.*]

*Asian-Australasian Journal of Animal Sciences*, 2006, 19 (1), p. 35-41

**Keywords : Antioxidants; Cholesterol; Cloves; Diets; Feed Supplements**

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469. Lemongrass *Cymbopogon citratus* production in southwest Mississippi/  
Igbokwe P E, Asumeng S,

*Journal of Herbs, Spices & Medicinal Plants*, 2007, 13 (2), p. 69-77

**Keywords : Chemical Composition; Crop Quality; Crop Yield; Essential Oil Plants; Essential Oils**

470. Farm-scale trials to compare the entomopathogenic fungus *Beauveria bassiana* with pirimiphos methyl+deltamethrin and essential oil of lemon grass for protection of stored cowpea against *Callosobruchus maculatus* (Coleoptera: Bruchidae)/ Cherry A J...[*et al.*]

*Annals of Applied Biology*, 2007, 151 (1), p. 1-10

**Keywords : Biological Control Agents; Chemical Control; Conidia; Cowpeas; Deltamethrin**

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*Food Chemistry*, 2007, 103 (1), p. 181-187

**Keywords : Antioxidant Properties; Antioxidants; Free Radicals; Green Tea; Herbal Teas**

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**Keywords : Turmerik; Curcuma longa L.**

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H.S. Lee  
*Bioresource Technology*, Volume 97, Issue 12, August 2006, p. 1372-1376, ISSN 0960-8524  
**Keywords : Antiplatelet Agents; ar-Turmerone; Collagen; Curcuma longa L**
474. Antioxidant activities of curcumin, demethoxycurcumin and bisdemethoxycurcumin/  
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