

2009 SCOPUS INDEXED PAPERS

Sl.No	Title of the paper	SNIP	SJR	IF
1.	Asha Devi, S. and Deepak Ganjewala (2009). Antimicrobial activity of <i>Acorus calamus</i> (L.) rhizome and leaf extract, <i>Acta Biologica Szegediensis</i> , Vol. 53, No.1, pp. 45-49.	0.231	0.170	0
2.	Deepika.T. Lakshmipathy and Krishnan Kannabiran (2009). A morphological, Biochemical and biological studies of halophilic <i>Streptomyces</i> sp. isolated from saltpan environment. <i>American Journal of Infectious Diseases</i> , 5 (3): 207-213.	0.354	0.172	0
3.	Deepika.T. Lakshmipathy and Krishnan Kannabiran (2009). A report on antidermatophytic activity of actinomycetes. <i>International Journal of Integrative Biology</i> , 6(3), 132-136.	0.413	0.166	0
4.	Gayathri M. and K. Kannabiran Hypoglycemic effect of 2-Hydroxy 4-Methoxy Benzoic acid isolated from the roots of <i>Hemidesmus indicus</i> on streptozotocin-induced diabetic rats, <i>Pharmacologyonline</i> , 2009, Vol.1, pp.144-154.	0.141	0.161	0
5.	Gayathri M.and K.Kannabiran Effect of 2-hydroxy 4- methoxy benzoic acid isolated from the roots of <i>Hemidesmus indicus</i> on blood glucose on streptozotocin-induced diabetic rats, <i>Indian Journal of Pharmaceutical Sciences</i> , 2009, Vol. 71 (5), pp. 581-585.	0.696	0.333	0.626
6.	Gayathri M.and K.Kannabiran. Antimicrobial activity of <i>Hemidesmus indicus</i> , <i>Ficus bengalensis</i> and <i>Pterocarpus marsupium roxb</i> , <i>Indian Journal of pharmaceutical sciences</i> , 2009, Vol. 71 (5), pp. 578-581.	0.696	0.333	0.626
7.	Gayathri Mahalingam and Krishnan Kannabiran. <i>Hemidesmus indicus</i> root extract ameliorates diabetes-mediated metabolic changes in rats, <i>International Journal of Green Pharmacy</i> , 2009, pp.314-318.	0.555	0.258	0
8.	Gayathri Mahalingam and Krishnan Kannabiran. The effects of oral administration of aqueous extract of <i>Ficus bengalensis</i> stem bark on some hematological and biochemical parameters in rats with streptozotocin-induced diabetes, <i>Turkish Journal of Biology</i> , 2009, Vol. 33, pp. 9-13.	0.920	0.388	0.876
9.	Gayathri Mahalingam and Krihnan Kannabiran. (2009). Antidiabetic activity of 2- hydroxy 4- methoxy benzoic acid isolated from the roots of <i>Hemidesmus indicus</i> on streptozotocin-induced diabetic rats. <i>International Journal of Diabetes and Metabolism</i> , 17, (2) 53-57.	0.414	0.141	0
10.	George Priya Doss. C, Rao Sethumadhavan [2009]. Computational and Structural Analysis of deleterious mutations in functional SNPs of CREBBP and ARHGEF12 oncogene in acute leukemia. <i>Journal of Computational and Theoretical Nanoscience</i> Vol. 6, 1596-1604.	0.422	0.340	0.912
11.	George Priya Doss. C, Rao Sethumadhavan [2009]. Computational and Structural Analysis of Deleterious Functional SNPs of ARNT Oncogene. Interdisciplinary sciences, computational life sciences . 1(3):220-8.	0	0.247	0
12.	George Priya Doss. C, Rao Sethumadhavan [2009]. Functional and structural characterization of polymorphisms in MSH2 gene using computational tools. <i>Journal of Bionanoscience</i> Vol. 3, 7-15.	0.224	0	0
13.	George Priya Doss. C, Rao Sethumadhavan [2009]. Impact of Single Nucleotide Polymorphisms in HBB gene causing Haemoglobinopathies: in silico analysis. <i>New Biotechnology</i> , 25(4):214-9.	0.829	0.679	2.756
14.	George Priya Doss. C, Rao Sethumadhavan [2009]. Investigation on	0.876	0.734	1.98

	the role of nsSNPs in HNPCC genes-A Bioinformatics approach. Journal of biomedical science 16:42.			
15.	Godwin Christopher, J, A. G. Murugesan and N. Sukumaran. 2009. Genetic Inactivation of Stinging Catfish (<i>Heteropneustes fossilis</i>) Sperm with UV Irradiation. Journal of Applied Aquaculture, 21(2):128–137.	0.256	0.195	0
16.	Jayasri, M.A. Lazar Mathew, A. Radha. A report on the antioxidant activity of leaves and rhizomes of <i>Costus pictus</i> D. Don. International Journal of Integrative Biology .2009, 5(1), 20-26.	0.413	0.166	0
17.	Kumar Saurav and K. Kannabiran. (2009).Chromium heavy metal resistance activity of marine <i>Streptomyces</i> VITSVK5 spp. (GQ848482). <i>Pharmacologyonline</i> , 3: 603-613.	0.141	0.161	0
18.	Mohanapriya A, Lulu S, Kayathri R, Kanguane P. Class II HLA-peptide binding prediction using structural principles. <i>Human immunology</i> 70 (3) , 159-69 (2009)	0.882	0.817	2.837
19.	Mohanasrinivasan, V., C. Manu, P. Dhriya, K. P. K. Megha Viswanath and C.Subathra Devi.(2009) A comparative study of the lipase yield by solid state and submerged fermentations using fungal species from biopharmaceutical oil waste. African Journal of Biotechnology. Vol. 7 (24), pp. 072-076.	0.531	0.270	0
20.	Nabaruna Baruwa, K. Suthindhiran and K. Kannabiran (2009). Antiproliferative Activity of <i>Rhodococcus</i> VITSNK6 Isolated From Marine Sediment Samples Collected at the Puducherry Coast, Bay Of Bengal, India, <i>Pharmacologyonline</i> Vol. 2, pp. 937-946	0.141	0.161	0
21.	Nanda,S., G. S.Kumar, S. Mukherjee, Sreejith R., S.Bhattacharya, S.Shankar, R. Vidya and S.S.N. Somasundaram (2009). Studies on the degradation of polyethylene by <i>Pseudomonas</i> sp., <i>Asian Jr. of Microbiol. Biotech. Env. Sc.</i> , Vol.11, No.4, pp. 851-855.	0.072	0.134	0
22.	Pooja S and G Jayaraman – Production of extracellular protease from halotolerant bacterium, <i>Bacillus aquimaris</i> strain, isolated from Kumta coast: <i>Process Biochemistry</i> (2009) 44, 1088 - 1094.	1.404	1.013	2.627
23.	Purohit, R and Sethumadhavan, R. 2009. Structural basis for the resilience of Darunavir (TMC114) resistance major flap mutations of HIV-1 protease. <i>Inter.Sciences, computational life sciences</i> .1(4):320-328	0	0.247	0
24.	Rajasekaran R, Rao S. Comparative binding analysis of monoclonal antibodies against native and mutant type in ErbB2 receptor: a theoretical modeling approach. <i>Curr Pharm Biotechnol.</i> 2009 Nov;10(7):701-8.	0.805	0.840	2.805
25.	Rajasekaran R, Sethumadhavan R. Exploring the structural stability of a potential antifungal peptide through computational analysis. <i>Protein Pept Lett.</i> 2009.16(11):1386-92. PubMed PMID: 19508194.	0.533	0.494	1.942
26.	Rajasekaran R. and Rao Sethumadhavan (2009) Application of Molecular Mechanics and Molecular Dynamic for Investigating the Detrimental Missense Mutations in Tumor Suppressor Protein SMAD4, <i>Journal of Bionanoscience</i> , Vol. 3, pp. 1–8.	0.224	0	0
27.	Rajasekaran, R.; Sethumadhavan, Rao, Computational Evaluation of a Prospective Antimicrobial Peptide for Application in Nanomedicine, <i>J. Comput. Theor. Nanosci.</i> 6, 629–634 (2009).	0.422	0.340	0.912
28.	Rajesh, D. Jayarman, K. and Jayaraman, G. 2009. Characterization of highly stable bacteriocin from <i>Enterococcus faecium</i> isolated from traditional fermented finger millet. <i>Asian Journal of Microbiology, Biotechnology and Environmental Sciences</i> .Volume 11, Pages 797-802	0.072	0.134	0
29.	Ramanathan, K and Rao Sethumadhavan (2009) Exploring the role of	0.330	0.286	0.561

	C-H... π interactions on the structural stability of antimicrobial peptides, Journal of Theoretical and Computational Chemistry, Vol. 8(5), pp. 1-16.			
30.	Ramanathan, K., V. Shanthi and Rao Sethumadhavan (2009). In silico identification of Catalytic Residues in Azobenzene Reductase from Bacillus Subtilis and its Docking Studies with Azo Dyes, Interdisciplinary Sciences - Computational Life Sciences, Vol. 1, pp. 290–297.	0	0.247	0
31.	Ramanathan, K., V. Shanthi, Rao Sethumadhavan (2009) Contribution of Unconventional C-H...O Bonds to the Structural Stability of Antimicrobial Peptides, Interdisciplinary Sciences - Computational Life Sciences, Vol. 1, pp. 263-271.	0	0.247	0
32.	Rasool M. and E.P. Sabina. (2009). Appraisal of immunomodulatory potential of <i>Spirulina fusiformis</i> - an in vivo and in vitro study. Journal of Natural Medicine, 63:169-175.	1.111	0.512	1.389
33.	Rasool, M., E. P. Sabina and Lazar mathew. (2009). In vivo and in vitro immunomodulatory effects of Indian ayurvedic herbal formulation triphala on experimental induced inflammation. Pharmacologyonline, 2: 840-849.	0.141	0.161	0
34.	Sabina, E. P. Samuel J, RajappaRamy S, Patel S, Mandal N, Pranatharthiiharan P, Mishra PP and M. Rasool. (2009). Hepatoprotective effect of <i>Spirulina fusiformis</i> on acetaminophen-induced hepatotoxicity in mice. International Journal of Integrative Biology 6 (1); 1-5.	0.413	0.166	0
35.	Sabina, E. P., M. Rasool, Lazar Mathew, C.S.Pameswari. (2009). Studies on the protective effect of <i>Ricinus communis</i> leaves extract on carbon tetrachloride induced hepatotoxicity in albino rats. Pharmacologyonline, 2: 905-916.	0.141	0.161	0
36.	Sabina, P. Sonal Chandel and M. Rasool. (2009). Evaluation of analgesic, antipyretic and ulcerogenic properties of withaferin A. International Journal of Integrative Biology 6(2), 52-56.	0.413	0.166	0
37.	Sajitha Lulu , Abishek Suresh , Velmurugan Karthikraja , Mohanapriya Arumugam, Rajarathinam Kayathri , Pandjassarame Kanguene. Structural features for homodimer folding mechanism. <i>Journal of molecular graphics & modelling</i> (2009)	0.862	0.646	2.184
38.	Siva, R., Mudgal, G., Rajesh, D., Nawazkhan, F., Vijayakumar, V. and Rajasekaran, C. (2009). Characterization of novel pH indicator of natural dye <i>Oldenlandia umbellata</i> L. <i>Natural Product Research</i> 23 (13): 1210–1217.	0.707	0.376	1.009
39.	Siva, R., Rajasekaran, C. and Mudgal, G. (2009). Induction of somatic embryogenesis and organogenesis in <i>Oldenlandia umbellata</i> L., a dye-yielding medicinal plant. <i>Plant Cell Tiss. Organ Cult.</i> 98: 205–211.	1.609	0.756	3.090
40.	Suchithra, M.P., Thenmozhi, M and Kannabiran, K. (2009). Anticandidal activity of <i>Streptomyces paraguayensis</i> isolated from marine sediment samples collected at the Puducherry coast, Bay of Bengal, India. <i>Pharmacologyonline</i> , 2, 527-537.	0.141	0.161	0
41.	Sudha Anand, Anand Anbarasu and Rao Sethumadhavan, Exploring the C-H...O interactions in glycoproteins, Applied Biochemistry and Biotechnology, Volume 159(2), November 2009, Pages 342-354.	1.021	0.688	1.943
42.	Suthindhiran, K., M.A.Jayasri and K.Kannabiran (2009). α -glucosidase and α -amylase inhibitory activity of <i>Micromonospora</i> sp. VITSDK3 from southern coast of India, <i>International Journal of Integrative Biology</i> , Vol. 6, No. 3, pp. 115-120.	0.413	0.166	0
43.	Suthindhiran, K and Kannabiran (2009). Cytotoxic and Antimicrobial Potential of Actinomycete Species <i>Saccharopolyspora</i>	0.354	0.172	0

	<i>salina</i> VITSDK4 Isolated from the Bay of Bengal Coast of India, <i>American Journal of Infectious Diseases</i> , Vol. 5, No. 2, pp. 90-98.			
44.	Venkatesan Gopiesh khanna and Krishnan Kannabiran (2009). Anticancer-cytotoxic Activity of saponins isolated from the leaves of <i>Gymnema sylvestre</i> and <i>Eclipta prostrata</i> on HeLa cells. <i>International Journal of Green Pharmacy</i> , 3, 227-229.	0.555	0.258	0
45.	Venkatesan Gopiesh khanna and Krishnan Kannabiran, (2009). Leishmanicidal activity of saponins isolated from the leaves of <i>Eclipta prostrata</i> and <i>Gymnema sylvestre</i> . <i>Indian Journal of Pharmacology</i> , 41: 32-35.	0.655	0.271	0.727
46.	Venkatramalingam, K., J. Godwin Christopher, T. Citarasu and S. M. J. Punitha. 2009. Dynamic population of extreme halobacteria in the solar salterns located at peninsular coast of Tamilnadu, India. <i>Asian Journal of Microbiology Biotechnology & Environmental Science</i> . 11(10):31-36.	0.072	0.134	0
47.	Vimala, Nilanjana Das R. (2009). Biosorption of cadmium (II) and lead (II) from aqueous solutions using mushrooms: hia comparative study, <i>Journal of Hazardous Materials</i> , 168: 376-382.	2.431	1.717	4.173
TOTAL IF		24.04	16.39	33.98