

## 2009 PAPERS NOT INDEXED IN SCOPUS

Sl.No	Title of the paper	SNIP	SJR
1.	Abishek Suresh, Velmurugan Karthikraja, Sajitha Lulu, Uma Kanguane, Pandjassarame Kanguane, A decision tree model for the prediction of homodimer folding mechanism, <i>Bioinformation</i> , Vol 4(5): 191-199 (2009).	0	0
2.	Anand Anbarasu and P.S. Shrivaiashnavi, Role of cation- $\pi$ interactions in the structural stability of Bacterial exotoxins, <i>Journal of Microbial &amp; Biochemical Technology</i> , Volume 1(1), December 2009, Pages 22-29.	0.189	0
3.	Anand P. R. and J. Amudha. 2009. "A review – Indispensable Indian medicinal plant drumstick tree- <i>Moringa indica</i> ". <i>J. Herbal Science and Technology</i> . Vol 6. pp 13 – 14.	0	0
4.	Anand P. R. , J. Amudha and K. Sasikala. 2009. Effect of heavy metals mercury and copper on plasma electrolytes in fresh water fish <i>Cyprinus carpio</i> var. communis. <i>Asian Journal of Water, Environment and Pollution</i> . Vol 6. No. 4 pp 107-112.	0	0
5.	Deepak Ganjewala, S.Silvia, K.Sherin and K.H.Khan (2009). <i>Biochemical compositions and antibacterial activities of Lantana camara (L) plants with yellow, lavender, red and white flowers. Eur Asia J Bio Sci. 3: 69-77.</i>	0	0
6.	Deepanraj, B., P. Lawrence <sup>1</sup> , P. Koshy Mathews and V. Suneetha, (2009) Performance and emission characteristics of a CI engine operating on diesel-POME (palm oil methyl ester) blends <i>International Journal of Applied Engineering Research</i> Volume 4 Number 4, pp. 529–536.	0.000	0.113
7.	Deepika.T. Lakshmipathy, Krishnan Kannabiran and Dharumadurai Dhanasekaran (2009). Diversity of antidermatophytic <i>Streptomyces</i> in the coastal region of Chennai, Tamil Nadu, India. <i>Journal of Pharmacy Research</i> , 2: (1) 22-26.	0	0
8.	<b>Gayathri, M and Kannabiran, K. (2009). Effect of 2-hydroxy 4-methoxy benzoic acid isolated from the roots of <i>Hemidesmus indicus</i> on blood glucose and tissue lipid peroxidation in streptozotocin-induced diabetic rats, <i>Journal of Pharmacy Research</i>, 2: 627-629.</b>	0	0
9.	Godwin Christopher. J, A.G. Murugesan, N. Sukumaran (2009). Assessment of Sperm Concentration and Determination of Optimum Sperm to Egg Ratio in <i>Heteropneustes fossilis</i> (Bloch). <i>Asian Fisheries Science</i> 22 : 1079 – 1086.	0	0
10.	Jayanthi,M., P.Kanguane, N.A. Udaya Prakash, D.V.Anupama Jigisha and K.Sekar. 2009. Influence of disulfide bonds on the conformation of the Antifungal Protein from <i>Eucommia ulmoides</i> Oliver. <i>The Open structural biology</i> 3:94-103.	0	0
11.	Jayanthi,M., N.A. Udaya Prakash, P.Kanguane, Z.A. Rafi and K.Sekar. 2009. Effect of Disulfide bonds in Antifungal Peptide from <i>Petunia hybrida</i> : A Molecular Dynamics study. <i>The Open structural biology</i> . 3:84-93.	0	0
12.	Jayasri., M.A. Radha A., Mathew T.L. $\alpha$ -Amylase and $\alpha$ -glucosidase inhibitory activity of <i>Costus pictus</i> D. Don in the management of diabetes. <i>J. Herb. Med. Toxicol.</i> 2009;3:91–94.	0	0
13.	Kalaivani, T. and Mathew, L. (2009). Phytochemistry and Free radical scavenging activities of <i>Oroxylum indicum</i> . <i>Environ. We Int. J. Sci. Tech.</i> 4: 45-52.	0	0
14.	Kalaivani, T., Meignanam, E., Premkumar, N., Siva, R., Vijayakumar, V., Rajasekaran, C., Ramya, S. and Jayakumararaj, R. (2009). Studies on Hepatoprotective Properties of Leaf Extracts of <i>Azadirachta indica</i> A. Juss (Meliaceae). <i>Ethnobotanical Leaflets</i> , 13: 165-70.	0	0
15.	Kalaivani, T., Premkumar, N., Ramya, S., Siva, R., Vijayakumar, V., Meignanam, E., Rajasekaran, C. and Jayakumararaj, R. (2009). Investigations on hepatoprotective activity of leaf extracts of <i>Aegle marmelos</i> (L.) Corr.	0	0

	(Rutaceae). <i>Ethnobotanical Leaflets</i> , 13: 47- 50.		
16.	Kannabiran, K, Thenmozhi, M, and Vinitha, G. (2009). Evaluation of antimicrobial activity of saponin isolated from <i>Solanum xanthocarpum</i> and <i>Centella asiatica</i> ’ <i>International Journal of Natural and Engineering Sciences</i> , 3(1), 22-25.	0	0
17.	Khan K.H (2009). <i>Gene transfer technologies leading to transgenic animals. Journal of Ecobiotechnology.1 (1) 32-40</i>	0	0
18.	Khan K.H. (2009). <i>Gene Transfer Technologies in plants: Roles in improving Crops. Recent Research in Science and Technologies. 1(3), 116-123.</i>	0	0
19.	Khan K.H. (2009). <i>Immunomodulatory activity of Terminalia chebula against Salmonella typhimurium in mice. Recent Research in Science and Technology. 1(5): 211-216.</i>	0	0
20.	Khan K.H. (2009). <i>The effect of regular intake of Terminalia chebula on oxidative stress in mice originated from Salmonella typhimurium. EurAsia J Bio Sci. 3 (15): 113-121.</i>	0	0
21.	Khan K.H. (2009). <i>Roles Of Emblica officinalis in Medicine -A Review. Botany Research International. 2 (4): 218-228.</i>	0	0
22.	Khan K.H., and S.K.Jain (2009). <i>Regular intake of Terminalia chebula can reduce the risk of getting typhoid fever. Advanced BioTech. 8, (9) 10-15.</i>	0	0
23.	Khan Z A, Priya & Prasad S (2009).The effect of osmodehydration parameters on quality of <i>Litchi chinensis</i> . <i>JERAD. Vol 4 (1), pp. 70-76.</i>	0	0
24.	Khan, K.H. (2009). <i>Terminalia chebula reduces the oxidative stress induced by salmonella typhimurium in mice and may reduce the risk of getting typhoid. Advances in Biological Research, 3 (1-2): 01-08.</i>	0	0
25.	Kumar G, Bhaskara Rao K V, Chandrasekaran N, Sourabh Sharma. 2009. Production of safe and potent whole cell pertussis vaccine, <i>Journal of Pharmacy Research, 2(8) 1292-1295.</i>	0	0
26.	Ramanathan, K., V. Shanthi and Rao Sethumadhavan (2009) Significance of CH/ $\pi$ interactions on the stability of therapeutic proteins, <i>The Open Structural Biology, Vol 3, pp. 1-10.</i>	0	0
27.	Rajasekaran, C., Kalaivani, T., Jayakumararaj, R., Abhijeet Singh, Pusalkar, V. R. and Marimuthu, R. (2009). Studies on the Impact of Altitudinal Gradient on Ammonium Assimilatory Metabolism in <i>Glycine max</i> L. (Fabaceae). <i>Ethnobotanical Leaflets</i> , 13: 301-309.	0	0
28.	Rajasekaran, C., Kalaivani, T., Jayakumararaj, R., Abhijeet Singh, Pusalkar, V. R. and Marimuthu, R. (2009). Impact of Altitudinal Gradient on Ammonium Assimilatory Enzymes in <i>Rauvolfia teraphylla</i> L. (Apocyanaceae) – A Perennial Medicinal Herb. <i>Ethnobotanical Leaflets</i> , 13: 413-421.	0	0
29.	Rajasekaran, C., Kalaivani, T., Ramya, S. and Jayakumararaj, R. (2009). Studies on Hepatoprotective Activity of Ethanolic Extracts of Fruit pulp of <i>Aegle marmelos</i> (L.) <i>Corr. Journal of Pharmacy Research 2(8): 1419 – 1423.</i>	0	0
30.	Rajasekaran, C., Maikhuri, R.K., Kusum Chauhan, Laxman Kandari, Kalaivani, T. and Rao, K.S. (2009). “Multiplication and Conservation of <i>Dactylorhiza hatagirea</i> (D Don) Soo - Endangered Medicinal Orchid of Higher Himalaya”. <i>The MIOS Journal 10(1): 7-16.</i>	0	0
31.	<b>Rasool, M. E.P. Sabina, P. Nithya, K. Lavanya, (2009) Suppressive effect of <i>Spirulina fusiformis</i> in relation to lysosomal acid hydrolases, lipid peroxidation, anti-oxidant status and inflammatory mediator TNF-alpha in experimental gouty arthritis in mice. <i>Oriental Pharmacy and Experimental Medicine, 9(2), 164-173.</i></b>	<b>0</b>	<b>0</b>
32.	Sayantana Ghosh, Ketan Pandey and Febin J. Prabhudass STPred Server: Protein Structure Prediction Server <i>International Journal of Computer Information Systems and Industrial Management Applications, ISSN: 2150-7988 Vol.1 (2009), Pages321-328.</i>	0	0
33.	Shanthi, V., K. Ramanathan and Rao Sethumadhavan (2009) Role of the	0	0

	Cation- $\pi$ Interaction in Therapeutic Proteins: A Comparative Study with Conventional Stabilizing Forces, <i>Journal of Computer Science &amp; Systems Biology</i> , Vol. 2(1), pp. 051-068.		
34.	Sivaperumal, R., Ramya, S., Veera Ravi, A., Rajasekaran, C. and Jayakumararaj, R. (2009). Herbal Remedies Practiced by Malayali's to Treat Skin Diseases. <i>Environ. We Int. J. Sci. Tech.</i> 4: 35-44.	0	0
35.	Subathradevi. C and V. Mohanasrinivasan. (2009) Bioelicitation of secondary metabolites in in vitro cultures of <i>Gymnema sylvestre</i> .R.Br.New Biotechnology.vol.25(1),285.	0.829	0.679
36.	Sudandiradoss, C., Rao Sethumadhavan. Molecular docking simulation of short-chain four disulphide bridged scorpion toxins with structural model of human voltage-gated potassium ion channel kv1.3. <i>Open Structural Biology</i> 3 (2009) 75-83.	0	0
37.	Suneetha V, Mohanaraveli, PragathiPriyadarsini and Sanjeev Kumar Singh (2009) Strain Improvement of Actinomycetes for Maximum Production of $\alpha$ -Amylase , <i>Advanced Biotech journal of Biotechnology</i> , vol.9 (04): 28-32.	0	0
38.	Suthindhiran, K., Sarath Babu, Ishaq Ahmed, Sahul Ahmed and K. Kannabiran (2009). In vitro antiviral activity of furan-2-yl acetate extracted from marine derived <i>Streptomyces</i> spp against fish nodavirus, <i>New Biotechnology</i> , Vol. 25, No. 1, S82.	0.829	0.679
39.	Suthindhiran, K. and K. Kannabiran (2009). Hemolytic activity of <i>Streptomyces</i> sp. VITSDK1 spp. isolated from marine soil in southern India, <i>Journal of Medical Mycology</i> , Vol. 19, No. 2, pp. 71-78.	0	0
40.	Velmurugan Karthikraja, Abishek Suresh, Sajitha Lulu, Uma Kanguane, Pandjassaram Kanguane, Types of interfaces for homodimer folding and binding Bioinformation , Vol 4(3): 101-111 (2009).	0	0
41.	Vidya, R., K. Sundar, and N.Chandrasekaran (2009). Studies on induction of metal tolerant callus by <i>in vitro</i> propagation- phytoremediation by forest species , <i>VIT Journal of Engineering ,Management and Sciences</i> , Vol.1, No.1, pp. 55-60.	0	0
42.	Vidya, R., K. Sundar, Debashree Das and N. Chandrasekaran (2009). Heavy Metal uptake by <i>Casuarina equisetifolia</i> - Studies on Phytoremediation . <i>Journal of Natural Science and Technology - Life Sciences and Bioinformatics</i> , Vol. 1: Page No. 103-107 .	0	0
43.	Vimal, V. Binita Mercy Rajan and Kannabiran, K. (2009). Antimicrobial activity of marine actinomycete, <i>Nocardopsis</i> sp. VITSVK5 (FJ 973467). <i>Asian Journal of Medical Sciences</i> , 1 (2): 57-63.	0	0
44.	Vinodhini, V. and Nilanjana Das (2009). Mechanism of Cr (VI) biosorption by Neem sawdust. <i>Am-. Euras. J. Sci. Res.</i> 4 (4): 324 – 329.	0	0
45.	Vinodhini. V. V. and Nilanjana Das (2009). Biowaste materials as sorbent to remove Chromium (VI) from aqueous environment – A comparative study. <i>ARNP Journal of Agricultural and Biological Sciences</i> 4 (6): 19 – 23.	0	0
<b>TOTAL</b>		<b>1.9</b>	<b>1.5</b>