

## 2010 SCOPUS INDEXED PAPERS

| Sl.No | Title of the paper   | SNIP  | SJR   | IF    |
|-------|--|-------|-------|-------|
| 1.    | Abilash, V.G, S. Radha and K.M.Marimuthu (2010). The frequency of Y chromosome microdeletions in infertile men from Chennai, a South East Indian population and the effect of smoking, drinking alcohol and chemical exposure on their frequencies, <i>Int. J. Genet. Mol. Biol.</i> , Vol. 2(7), pp. 147-157.   | 0.426 | 0.117 | 0     |
| 2.    | Abilash, V.G., S. Radha and K.M. Marimuthu (2010). Inter chromosomal effect (ICE) resulting in increased abnormal pregnancies in an infertile female with a rare robertsonian translocation (13;21)(p10;p10) and SRY gene carrier with 9 consecutive abortions, <i>Int. J. Hum. Genet.</i> , Vol.10, pp.169–174. | 0.294 | 0.159 | 0.306 |
| 3.    | Altaf Al-Romaiyan, M.A. Jayasri, T. Lazar Mathew, Guo-Cai Huang, Stephanie Amiel, Peter M. Jones and Shanta J. Persaud. 2010. <i>Costus Pictus</i> Extracts Stimulate Insulin Secretion from Mouse and Human Islets of Langerhans <i>In Vitro</i> , <i>Cell Physiol Biochem</i> 2010;26:1051-1058.               | 0.889 | 1.130 | 2.857 |
| 4.    | Anand P. R. 2010. Isolation & characterization of oil degrading bacteria from oil contaminated soils of Vellore district Tamil Nadu India. <i>Journal of Environmental Science and Engineering</i> . Vol. 52, No. 2, pp 113 – 116.   | 0.270 | 0.113 | 0     |
| 5.    | Aravamuthan N, Kumar G, Karthik L, Bhaskara Rao K V, 2010 <i>In vitro</i> antagonistic activity of soil actinobacteria against multi drug resistant bacteria. <i>Pharmacologyonline</i> , 2: 507-516.  | 0.141 | 0.161 | 0     |
| 6.    | Babu, S. 2010. Interactome analysis: a step forward in proteomics research. <i>Biotechnology Journal</i> , 5: 357-358.   | 0.916 | 0.800 | 0     |
| 7.    | Benita Mercy Rajan and Krishnan Kannabiran (2010). Antimicrobial activity of <i>Streptomyces</i> VITBRK1 app. Isolated from the Bay of Bengal coast of Tamil Nadu India. <i>Pharmacologyonline</i> , 1: 124-132.   | 0.141 | 0.161 | 0     |
| 8.    | Deepak Ganjewala, Chappidi Nagaraja,Manas Ranjan Nayak, S. Asha Devi (2010). Effects of sodium nitroprusside on activity of acid and alkaline invertases and alkaline phosphatase in lemongrass ( <i>Cymbopogon flexuosus</i> Steud) Wats. <i>International Journal of Plant Biology</i> , volume 1:e2, 9-12.    | 1.419 | 0.240 | 0     |
| 9.    | Deepak Ganjewala, Shiv Kumar, Asha Devi S, Kumari Ambika (2010). Advances in cyanogenic glycosides biosynthesis and analyses in plants: A review, Volume 54(1):1-14, <i>Acta Biologica Szegediensis</i> .  | 0.231 | 0.170 | 0     |
| 10.   | Devlina Das, Charumathi D and Nilanjana Das (2010). Combined effects of sugarcane bagasse extract and synthetic dyes on the growth and bioaccumulation properties of <i>Pichia fermentans</i> MTCC 189. <i>Journal of Hazardous Materials</i> , 183: 497 -505.   | 2.431 | 1.717 | 4.173 |
| 11.   | Devlina Das, Nilanjana Das, Lazar Mathew (2010). Kinetics, equilibrium and thermodynamics studies on biosorption of Ag (I) from aqueous solution by macrofungus <i>Pleurotus platypus</i> <i>Journal of Hazardous Materials</i> 184: 765 – 774.  | 2.431 | 1.717 | 4.173 |
| 12.   | Devlina Das, R. Vimala , Nilanjana Das, (2010). Functional foods of natural origin – An Overview, <i>Indian Journal of Natural Products and Resources</i> , Vol. 1 (2) 136-142.  | 0.957 | 0.251 | 0     |
| 13.   | Evan Prince Sabina, MahaboobKhan Rasool, Panneerselvam EzilRani, Haridas Indu and Lazar Mathew (2010). 6-Shogaol inhibits monosodium urate crystal-induced inflammation-an <i>in vivo</i> and <i>in vitro</i> study. <i>Food and Chemical Toxicology</i> . 48 (1); 229-35.                                       | 1.698 | 0.994 | 2.999 |
| 14.   | Farooqui, M.A., Chauhan, P.A., Krishnamoorthy, P, Shaik, J. 2010.  | 0.899 | 0.343 | 1.2   |

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|-----|---|-------|-------|-------|
|     | "Extraction of Silver Nanoparticles from the Leaf Extracts of Clerodendrum Inerme", Digest Journal of Nanomaterials and Biostructures, Vol. 5, No. 1, pp 43-49.   |       |       |       |
| 15. | Gayathri Mahalingam and Krishnan Kannabiran. 2-Hydroxy 4-Methoxy benzoic acid isolated from roots of Hemidesmus indicus ameliorates liver, kidney and pancreas injury due to STZ induced diabetes in rats, Indian Journal of Experimental Biology, Vol.48, February 2010, pp. 159-164.    | 0.996 | 0.451 | 1.295 |
| 16. | Geetha T. and G. Kalachelvan. 2010. "Microbial Succession And Biochemical Changes Occurring In Fermentation Of Koozhu Prepared From Ragi And Cumbu". International Journal of Chemical Sciences. 8(5), 2010, S585-S594.   | 0.230 | 0.119 | 0     |
| 17. | George Priya Doss C, Rajasekaran R, Arjun P, Sethumadhavan R. Prioritization of candidate SNPs in colon cancer using bioinformatics tools: An alternative approach for a cancer biologist. Interdiscip Sci. comput life Sci. 2010 Dec;2(4):320-46.  | 0     | 0.247 | 0     |
| 18. | George Priya Doss C, Rajasekaran R, Sethumadhavan R. Computational identification and structural analysis of deleterious functional SNPs in MLL gene causing acute leukemia. Interdiscip Sci. 2010 Sep;2(3):247-55.   | 0     | 0.247 | 0     |
| 19. | Godwin Christopher. J, A. G. Murugesan and N. Sukumaran. 2010. Induction of meiotic gynogenesis in the stinging catfish <i>Heteropneustes fossilis</i> (Bloch) and evidence for female homogamety. Aquaculture Research, 42: 129-138.   | 0.924 | 0.667 | 1.203 |
| 20. | Godwin Christopher. J, A. G. Murugesan and N. Sukumaran. 2010. Optimization of artificial fertilization in the stinging catfish <i>Heteropneustes fossilis</i> (Bloch). Zygote, 19: 63-66.  | 0.611 | 0.385 | 1.171 |
| 21. | Gothandam K. M., Nalini, E., Karthikeyan S, & Shin J.S. 2010. OsPRP3, a flower specific proline-rich protein of rice, determines extracellular matrix structure of floral organs and its overexpression confers cold-tolerance. <i>Plant Molecular Biology</i> 72: 125-135.               | 1.277 | 1.769 | 4.15  |
| 22. | Harini Kandala, Debasish Roy, Mythili.S, Sathiavelu Arunachalam and Karthik Loganathan. 2010. Isolation and characterization of lipase producing bacteria from Vellore soil. <i>Pharmacologyonline</i> , Vol 2: 356-361.  | 0.141 | 0.161 | 0     |
| 23. | Immanuel Selvaraj., P. Nagarajan and K. Thiyagarajan and M. Bharathi (2010). Predicting the relationship between molecular marker heterozygosity and hybrid performance using RAPD markers in rice ( <i>Oryza sativa</i> L.). African Journal of Biotechnology Vol. 9(45), pp. 7641-7653. | 0.531 | 0.270 | 0     |
| 24. | Kalaivani, T. and Lazar Mathew (2010). Free radical scavenging activity from leaves of <i>Acacia nilotica</i> (L.) Wild. ex Delile, an Indian medicinal tree. <i>Food and Chemical Toxicology</i> , 48: 298-305.  | 1.698 | 0.994 | 2.999 |
| 25. | Kannabiran, K, Venkatesan Gopiesh khanna and Sahul Hameed (2010). Antiviral activity of dasyscyphin C extracted from <i>Eclipta prostrata</i> against fish nodavirus. <i>Journal of Antivirals &amp; Antiretrovirals</i> , 2: 29-32.  | 0.248 | 0.183 | 0     |
| 26. | Karthik L, Gaurau Kumar and Bhaskara Rao K V, 2010. Diversity of marine actinomycetes from Nicobar marine sediments and its antifungal activity. Int. J. of Pharmacy and Pharmaceutical Sciences, 2(1):199-203.   | 1.683 | 0.492 | 0     |
| 27. | Karthik L, Kumar G and Bhaskara Rao K V, 2010. Comparison of methods and screening of biosurfactant producing marine actinobacteria from Nicobar marine sediment. IIOAB Journal, 1(2): 34-38.   | 0.179 | 0     | 0     |

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| 28. | Karthik L, Kumar G and Bhaskara Rao K V, 2010. Mutational effects on the protease producing marine actinomycetes isolated from <i>Scylla serretia</i> . <i>Pharmacologyonline</i> 1: 221-227.   | 0.141 | 0.161 | 0     |
| 29. | Khan Z A & Ghosh A R (2010). Possible nitric oxide modulation in protective effects of withaferin A against stress induced neurobehavioural changes. <i>Journal of Medicinal Plants Research</i> , Vol. 4(6), pp. 490 – 495.  | 0.988 | 0.318 | 0     |
| 30. | Kumar G, Karthik L and Bhaskara Rao K V, 2010. Antibacterial activity of aqueous extract of <i>Calotropis gigantea</i> leaves – an <i>in vitro</i> study, <i>IJPSRR</i> , 4 (2) : 141-144.  | 0.467 | 0.230 | 0     |
| 31. | Kumar Saurav and K. Kannabiran. (2010). Antifungal activity of <i>Streptomyces</i> VITSVK5 spp. against drug resistant <i>Aspergillus</i> clinical isolates from pulmonary tuberculosis patients. <i>Journal de Mycologie Medicale</i> . 20:101-107.  | 0.759 | 0.280 | 0.725 |
| 32. | Lakshmipathy Deepika and Krishnan Kannabiran (2010). Antagonistic activity of <i>Streptomyces</i> spp. VITDDK1 (GU223091) isolated from the coastal region of Tamil Nadu. <i>Pharmacologyonline</i> , 1:17-29.  | 0.141 | 0.161 | 0     |
| 33. | Lakshmipathy Deepika and Krishnan Kannabiran (2010). Antibacterial and Antifungal Activity of <i>Streptomyces</i> sp. VITDDK3 isolated from Ennore coast, Tamil Nadu, India. <i>Journal of Pharmaceutical Research and Health Care</i> . 2(2): 188-196.   | 0     | 0     | 0     |
| 34. | Lakshmipathy Deepika and Krishnan Kannabiran (2010). Isolation and characterization of Antagonistic actinomycetes from marine soil. <i>Journal of Microbial &amp; Biochemical Technology</i> , 2:1-6.   | 0.189 | 0     | 0     |
| 35. | Lyle C. Fonseca, Shruta S. Dadarkar, Aurelio S. Lobo, Ashish C. Suthar, Vijay S. Chauhan, Shanthi Chandrababu, Somesh D. Sharma, Nilesh M. Dagia, Muralidhara Padigaru. 2010. 7-hydroxyfrullanolide, a sesquiterpene lactone, inhibits pro-inflammatory cytokine production from immune cells and is orally efficacious in animal models of inflammation. <i>European Journal of Pharmacology</i> , Volume 644, Issues 1-3 : 220-229. | 1.056 | 0.832 | 2.516 |
| 36. | Mahalakshmi T, Ilamathi M, R Siva and T B Sridharan, 2010. Effect of Nickel stress on <i>Escherichia coli</i> and <i>Saccharomyces cerevisiae</i> . <i>Jr. of Industrial Pollution control</i> , 26(1): 5-13.   | 0.324 | 0.114 | 0     |
| 37. | Manoj K.M., Gade S.K, Mathew L. Cytochrome P450 Reductase: A Harbinger of Diffusible Reduced Oxygen Species. 2010. <i>PLOS ONE</i> . 5(10): e13272.doi:10.1371/journal.pone.0013272.  | 1.063 | 1.512 | 4.092 |
| 38. | Nilanjana Das (2010). Recovery of precious metals – A review. <i>Hydrometallurgy</i> 103 : 180 – 189.   | 2.368 | 1.391 | 2.027 |
| 39. | Poornima, K., L.Karthik, S.P.Swadhini, S.Mythili and A.Sathivelu.2010. Degradation of Chromium by Using a Novel Strains of <i>Pseudomonas</i> Species, <i>Journal of Microbial &amp; Biochemical Technology</i> .Vol.2(4),95-99.  | 0.189 | 0     | 0     |
| 40. | Prabu GR & Mandal AKA (2010) Computational identification of miRNAs and their target genes from expressed sequence tags (ESTs) of tea ( <i>Camellia sinensis</i> ). <i>Genomics, Proteomics &amp; Bioinformatics</i> . 8:113-121.   | 0.410 | 0.432 | 0     |
| 41. | Priya C L, Kumar G, Karthik L and Bhaskara Rao K V, 2010. Antioxidant activity of <i>Achyranthes aspera</i> linn stem extracts. <i>Pharmacologyonline</i> , 2: 228-237.   | 0.141 | 0.161 | 0     |
| 42. | Radha, S, V.G. Abilash, G. Manivannan, Alex George and K. Thirumal Babu (2010). Four novel mutations detected in the exon 1 of MBL2 gene associated with rheumatic heart disease in South Indian patients, <i>Int. J. Genet. Mol. Biol.</i> , Vol. 2(8), pp. 165-170.   | 0.426 | 0.117 | 0     |

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| 43. | Rajasekaran R, Sethumadhavan R. Exploring the cause of drug resistance by the detrimental missense mutations in KIT receptor: computational approach. <i>Amino Acids</i> . 2010 Aug;39(3):651-60.   | 1.239 | 0.907 | 3.248 |
| 44. | Rajasekaran R, Sethumadhavan R. Exploring the structural and functional effect of pRB by significant nsSNP in the coding region of RB1 gene causing retinoblastoma. <i>Sci China Life Sci</i> . 2010 Feb;53(2):234-40.  | 0.541 | 0.451 | 2.024 |
| 45. | Rajasekaran R, Sethumadhavan R. In silico identification of significant detrimental missense mutations of EGFR and their effect with 4-anilinoquinazoline-based drugs. <i>Appl Biochem Biotechnol</i> . 2010 Mar;160(6):1723-33.  | 1.021 | 0.688 | 1.943 |
| 46. | Ramanathan, K., V. Shanthi and Rao Sethumadhavan (2010). Contribution of cation- $\pi$ interaction and its effect on the structural stability of laccase enzymes-a computational study, <i>International Journal of Pharma and Bio Sciences</i> , Vol. 6(3), pp. 1-15.                            | 0.273 | 0.196 | 0     |
| 47. | Ramanathan, K., V. Shanthi and Rao Sethumadhavan (2010). Exploring the role of C-H... $\pi$ interactions on the structural stability of membrane proteins, <i>International Journal of Pharma and Bio Sciences</i> , Vol. 6(1), pp. 1-14.   | 0.273 | 0.196 | 0     |
| 48. | Rasool, M., E.P.Sabina, S.R. Ramia, P. Preety, S. Patel, N. Mandal, P.P. Mishra, J. Samuel. (2010). Hepatoprotective and antioxidant effects of gallic acid in paracetamol-induced liver damage in mice.. <i>Journal of Pharmacy and Pharmacology</i> , 62 :1- 6.                                 | 0.971 | 0.593 | 2.175 |
| 49. | Rebecca Mathew and P.Deepa Sankar. 2010. Comparison of somatic embryo formation in <i>Ocimum basilicum</i> L. <i>Ocimum sanctum</i> L. & <i>Ocimum gratissimum</i> L. <i>International journal of Pharma and Bio Sciences</i> . 2(1): 356-367.  | 0.273 | 0.196 | 0     |
| 50. | Roy S, Bhattacharya D, Thanasekaran, Ghosh AR, Manimunda SP, Bharadwaj AP, Singhania M, Suunan AP, Vijayachari P. 2010. Emergence of flouroquinolone resistance in <i>Shigella</i> isolated from Andaman & Nicobar Islands, India. <i>Indian Journal of Medical Research</i> , 131: 720-722:2010. | 1.126 | 0.513 | 1.837 |
| 51. | Sabina, E.P. Annie Deborah Harris Souriyam, Deborah Jackline and M.Rasool. (2010). Piperine, an active ingredient of black pepper attenuates acetaminophen-induced hepatotoxicity in mice. <i>Asian Pacific Journal of Tropical Medicine</i> 3 (12); 971-976.                                     | 0.514 | 0.240 | 0.371 |
| 52. | Shanthi, V., K. Ramanathan and Rao Sethumadhavan (2010). Exploring the Role of C-H... $\pi$ Interactions on the Structural Stability of Single Chain "All-Alpha" Proteins, <i>Appl Biochem Biotechnol.</i> , Vol. 160, pp. 1473-1483.   | 1.021 | 0.688 | 1.943 |
| 53. | Shanthi, V., Rao Sethumadhavan (2010) Computational Perspective In The Structural Stability Of 'All-Alpha' Proteins: The N-H... $\pi$ Interactions, <i>International Journal Of Pharmacy And Pharmaceutical Sciences</i> . 3(2): 138-144.   | 1.683 | 0.492 | 0     |
| 54. | Shanthi, V., Rao Sethumadhavan (2010) Effect Of C-H...O Interactions In The Structural Stability Of "All-Alpha" Proteins, <i>International Journal of ChemTech Research</i> . 3(1) : 348-356.   | 0.586 | 0.293 | 0     |
| 55. | Silambarasan S, Abraham J. A Study on Antibiotic Resistance and Metal Tolerance of Bacteria Isolated from Industrial Site. <i>Nature Environment and Pollution Technology</i> 2010;9(2):261-266.  | 0.288 | 0.166 | 0     |
| 56. | Siva, R, Febin Prabhu Doss, Kunal Kundu, VSV Sathyanarayana and V Vijayakumar, 2010. Molecular Characterization of bixin – an important industrial product. <i>Industrial Crops and Product</i> , 32: 48-53.  | 1.906 | 0.889 | 2.469 |
| 57. | Suneetha, V., K.V.sindhuja and Sanjeev Kumar Singh , (2010) Screening and characterization of Pullulan producing microorganisms   | 0.072 | 0.134 | 0     |

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|                 | from plant leaves in chittoor district ,Asian.Jr Microbiol, Biotech and env. Sc . vol-12,no(1),147-153.   |               |               |              |
| 58.             | Suthindhiran, K. and K. Kannabiran, (2010) Diversity and Exploration of Bioactive Marine Actinomycetes in the Bay of Bengal of the Puducherry Coast of India, <i>Indian Journal of Microbiology</i> , Volume 50, Number 1, 76-82.   | 0.407         | 0.207         | 0.511        |
| 59.             | Tayubi, I.A. and Sethumadhavan, R.2010. Nature of cation- $\pi$ interactions and their role in structural stability of immunoglobulin proteins. <i>Biochemistry (Moscow)</i> . 75 ( 7 ) : 912-918   | 1.003         | 1.732         | 1.058        |
| 60.             | Udaya Prakash,N.A., M.Jayanthi, R. Sabarinathan. P. Kanguane, Lazar Mathew, K. Sekar. 2010. Evolution, Homology Conservation, and Identification of Unique Sequence Signatures in GH19 Family Chitinases. <i>J Mol Evol.</i> 70: 466-478.   | 0.773         | 1.129         | 2.274        |
| 61.             | <i>Vibha Krishnan, S. Sasikumar Febin Prabhu dass &amp; Rajagopalan Vijayaraghavan. 2010. Effect of pore forming agents on the physical characteristics and release kinetics of levofloxacin hemihydrate from floating alginate drug delivery system-An in vitro study, Trends in Biomaterials and Artificial Organs, 24(3): 139-145.</i> | 0.597         | 0.256         | 0            |
| 62.             | Vinodhini, Anabarsu and Nilanjana Das (2010). Screening of natural waste products for the removal of Cr (VI) ions from industrial effluents. <i>Indian Journal of Natural Products and Resources</i> 1 (2): 174 – 180.  | 0.957         | 0.251         | 0            |
| 63.             | Vinodhini, V. and Nilanjana Das ( 2010 ). Relevant approach to assess the performance of sawdust as adsorbent of Cr (VI) ions from aqueous solutions, <i>International. J. Environ. Sci. Technol.</i> , Vol. 7 (1), pp. 85 – 92.  | 1.650         | 0.736         | 3.051        |
| 64.             | Vinodhini, V. and Nilanjana Das (2010). Packed bed column studies on Cr (VI) removal from tannery wastewater by neem sawdust. <i>Desalination</i> , 264 : 9–14.   | 1.449         | 1.352         | 2.59         |
| <b>TOTAL IF</b> |   | <b>48.946</b> | <b>32.072</b> | <b>61.38</b> |