




Journal Publications (Since 2007 – July 2011)
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S. No.	Title	Author(s)	Year	Name of the journal
1.	Characterization of nanocomposite polymer electrolyte based on P(ECH-EO)	Nithya, H., Selvasekarapandian, S., Christopher Selvin, P., Arun Kumar, D., Hema, M., Prakash, D.	2011	<i>Physica B: Condensed Matter</i> 406 (18), pp. 3367-3373
2.	Synthesis of gold and silver nanoparticles using purified URAK	Deepak, V., Umamaheshwaran, P.S., Guhan, K., Nanthini, R.A., Krithiga, B., Jaithoon, N.M.H., Gurunathan, S.	2011	<i>Colloids and Surfaces B: Biointerfaces</i> 86 (2), pp. 353- 358
3.	Mechanical and water absorption behaviour of banana/sisal reinforced hybrid composites	Venkateshwaran, N., ElayaPerumal, A., Alavudeen, A., Thiruchitrabalam, M.	2011	<i>Materials and Design</i> 32 (7), pp. 4017-4021
4.	Jet impingement cooling of a horizontal surface in an unconfined porous medium: Mixed convection regime	Sivasamy, A., Rajesh Kanna, P., Selladurai, V.	2011	<i>International Journal of Heat and Mass Transfer</i> 54 (17-18), pp. 4127-4134
5.	Ionic transport properties of LiCoPO ₄ cathode material	Prabu, M., Selvasekarapandian, S., Kulkarni, A.R., Karthikeyan, S., Hirankumar, G., Sanjeeviraja, C.	2011	<i>Solid State Sciences</i>  Article in Press
6.	Production of 3-hydroxypropionic acid via malonyl-CoA pathway using recombinant Escherichia coli strains	Rathnasingh, C., Raj, S.M., Lee, Y., Catherine, C., Ashok, S., Park, S.	2011	<i>Journal of Biotechnology</i>  Article in Press
7.	The fractional metric dimension of graphs	Arumugam, S., Mathew, V.	2011	<i>Discrete Mathematics</i>  Article in Press

8.	Maximal independent sets in minimum colorings	Arumugam, S., Haynes, T.W., Henning, M.A., Nigussie, Y.	2011	<i>Discrete Mathematics</i> 311 (13), pp. 1158-1163
9.	Current status of the metabolic engineering of microorganisms for biohydrogen production	Oh, Y.-K., Raj, S.M., Jung, G.Y., Park, S.	2011	<i>Bioresource Technology</i> Article in Press
10.	1''-Benzyl-1'-methyl-4'-(naphthalen-1-yl) naphthalene-2-spiro-3'-pyrrolidine-2'-spiro-3''- indoline-1,2''-dione	Selvanayagam, S., Sridhar, B., Saravanan, P., Raghunathan, R.	2011	<i>Acta Crystallographica Section E: Structure Reports Online</i> 67 (7), pp. o1678-o1679
11.	Background radiation and individual dosimetry in the costal area of Tamil Nadu, India	Matsuda, N., Brahmanandhan, G.M., Yoshida, M., Takamura, N., Suyama, A., Koguchi, Y., Juto, N., (...), Selvasekarapandian, S.	2011	<i>Radiation Protection Dosimetry</i> 146 (1-3), art. no. ncr179, pp. 314-317
12.	Biofilm inhibition and antimicrobial action of lipopeptide biosurfactant produced by heavy metal tolerant strain <i>Bacillus cereus</i> NK1	Sriram, M.I., Kalishwaralal, K., Deepak, V., Gracerosept, R., Srisakthi, K., Gurunathan, S.	2011	<i>Colloids and Surfaces B: Biointerfaces</i> 85 (2), pp. 174-181
13.	Analysis of electrical motors load factors and energy savings in an Indian cement industry	Thirugnanasambandam, M., Hasanuzzaman, M., Saidur, R., Ali, M.B., Rajakarunakaran, S., Devaraj, D., Rahim, N.A.	2011	<i>Energy</i> 36 (7), pp. 4307-4314
14.	Evaluation of genetic alterations in inhabitants of a naturally high level background radiation and Kudankulam nuclear power project site in India	Balachandar, V., Kumar, R.K.M., Prakash, V., Devi, S.M., Kumar, B.L., Manikantan, P., Sasikala, K., (...), Selvasekarapandian, S.	2011	<i>Asian Pacific Journal of Cancer Prevention</i> 12 (1), pp. 35-41

15.	Structural, vibrational, thermal, and conductivity studies on proton-conducting polymer electrolyte based on poly (N-vinylpyrrolidone)	Vijaya, N., Selvasekarapandian, S., Hirankumar, G., Karthikeyan, S., Nithya, H., Ramya, C.S., Prabu, M.	2011	<i>Ionics</i> , pp. 1-9 Article in Press
17.	Pigment epithelium-derived factor inhibits advanced glycation end-products-induced cytotoxicity in retinal pericytes	Sheikpranbabu, S., Haribalaganesh, R., Gurunathan, S.	2011	<i>Diabetes and Metabolism</i> Article in Press
18.	Creatininium cinnamate	Ali, A.J., Athimoolam, S., Bahadur, S.A.	2011	<i>Acta Crystallographica Section E: Structure Reports Online</i> 67 (6), pp. o1376
19.	Differential evolution approach for contingency constrained reactive power planning	Rajkumar, P., Devaraj, D.	2011	<i>Journal of Electrical Systems</i> 7 (2), pp. 165-178
20.	Market modes for deregulated environment - A review	Dhanalakshmi, S., Kannan, S., Mahadevan, K.	2011	<i>2011 International Conference on Emerging Trends in Electrical and Computer Technology, ICETECT 2011</i> , art. no. 5760096, pp. 82-87
21.	Restoration of blurred images using Blind Deconvolution Algorithm	Ramya, S., Mercy Christial, T.	2011	<i>2011 International Conference on Emerging Trends in Electrical and Computer Technology, ICETECT 2011</i> , art. no. 5760166, pp. 496-499
22.	2,6-Bis(2-chlorophenyl)-4-oxo-3,5-diphenylheptane-1,1,7, 7-tetra-carbo-nitrile	Ali, A.J., Athimoolam, S., Bahadur, S.A., Raja, V.P.A.	2011	<i>Acta Crystallographica Section E: Structure Reports Online</i> 67 (6), pp. o1407-o1408
23.	Adaptive control for interactive thermal process	Aruna, R., Kumar, M.S.	2011	<i>2011 International Conference on Emerging Trends in Electrical and Computer Technology, ICETECT 2011</i> , art. no. 5760131, pp. 291-296

24.	A proposed architecture for SCADA network security	Lakshmi Priya, V., Bala Subramanian, C.	2011	<i>2011 International Conference on Computer, Communication and Electrical Technology, ICCET 2011</i> , art. no. 5762455, pp. 142-145
25.	Impact of wind turbine systems on power system voltage stability	Devaraj, D., Jeevajyothi, R.	2011	<i>2011 International Conference on Computer, Communication and Electrical Technology, ICCET 2011</i> , art. no. 5762510, pp. 411-416
26.	Minimizing clearance variations and surplus parts in multiple characteristic radial assembly through batch selective assembly	Victor Raj, M., Saravana Sankar, S., Ponnambalam, S.G.	2011	<i>International Journal of Advanced Manufacturing Technology</i> , pp. 1-24 Article in Press
27.	Secondary population implementation in multi-objective evolutionary algorithm for scheduling of FMS	Pandian, P.P., Sankar, S.S., Ponnambalam, S.G., Bathrinath, S.	2011	<i>International Journal of Advanced Manufacturing Technology</i> , pp. 1-12 Article in Press
28.	A new system of skip-lot sampling plans having a provision for reducing normal inspection	Balamurali, S., Jun, C.-H.	2011	<i>Applied Stochastic Models in Business and Industry</i> 27 (3), pp. 348-363
29.	Application of modified NSGA-II algorithm to Combined Economic and Emission Dispatch problem	Dhanalakshmi, S., Kannan, S., Mahadevan, K., Baskar, S.	2011	<i>International Journal of Electrical Power and Energy Systems</i> 33 (4), pp. 992-1002
30.	Crystal growth and characterization of dibromo bis(triphenylphosphine oxide) cadmium (II)	Sreevani, K., Thangaraj, K., Ramamurthi, K., Selvanayagam, S., Ravikumar, K.	2011	<i>Journal of Crystal Growth</i> 322 (1), pp. 78-83
31.	Energy storage studies of bare and doped vanadium pentoxide, (V _{1.95} M _{0.05})O ₅ , M = Nb, Ta, for lithium ion batteries	Sakunthala, A., Reddy, M.V., Selvasekarapandian, S., Chowdari, B.V.R., Selvin, P.C.	2011	<i>Energy and Environmental Science</i> 4 (5), pp. 1712-1721

32.	Anaerobic degradation of textile dye bath effluent using Halomonas sp	Balamurugan, B., Thirumarimurugan, M., Kannadasan, T.	2011	<i>Bioresource Technology</i> 102 (10), pp. 6365-6369
33.	VEGF-induced retinal angiogenic signaling is critically dependent on ca ²⁺ signaling by ca ²⁺ /calmodulin-dependent protein kinase ii	Banumathi, E., O'Connor, A., Gurunathan, S., Simpson, D.A., Graham McGeown, J., Curtis, T.M.	2011	<i>Investigative Ophthalmology and Visual Science</i> 52 (6), pp. 3103-3111
34.	Development of recombinant Klebsiella pneumoniae ΔdhaT strain for the co-production of 3-hydroxypropionic acid and 1,3-propanediol from glycerol	Ashok, S., Raj, S.M., Rathnasingh, C., Park, S.	2011	<i>Applied Microbiology and Biotechnology</i> 90 (4), pp. 1253-1265
35.	A novel scheduling algorithms for MIMO based wireless networks	Vigneshwarar, K., Noel Leonard Antony, S.	2011	<i>Proceedings of National Conference on Innovations in Emerging Technology, NCOIET'11</i> , art. no. 5738836, pp. 7-16
36.	Genetic algorithm to optimize manufacturing system efficiency in batch selective assembly	Victor Raj, M., Saravana Sankar, S., Ponnambalam, S.G.	2011	<i>International Journal of Advanced Manufacturing Technology</i> , pp. 1-16 Article in Press
37.	Using genetic algorithm for elimination of exceptional elements in the stage of PFA	Semanco, P., Modrak, V., Pandian, R.S., Knuth, P.	2011	<i>Journal of Engineering and Applied Sciences</i> 6 (2), pp. 122-126
38.	Biologically synthesized fluorescent CdS NPs encapsulated by PHB	Pandian, S.R.K., Deepak, V., Kalishwaralal, K., Gurunathan, S.	2011	<i>Enzyme and Microbial Technology</i> 48 (4-5), pp. 319-325
39.	Resource control and estimation based fair allocation (EBFA) in heterogeneous active networks	Vimala Devi, K., Thangaraj, C., Mehata, K.M.	2011	<i>Informatica (Ljubljana)</i> 35 (1), pp. 101-112
40.	1',1''-Dimethyl-4'-(naphthalen-1-yl)-1,2,3, 4-tetrahydronaphthalene-2-spiro-3'-pyrrolidine-2'-spiro- 3''-indoline-1,2''-dione	Selvanayagam, S., Ravikumar, K., Saravanan, P., Raghunathan, R.	2011	<i>Acta Crystallographica Section E: Structure Reports Online</i> 67 (4), pp. o751

41.	Cadmium- and chromate-free coating schemes for corrosion protection of 15CDV6 steel	Indumathi, S.N., Vasudevan, T., Sundarajan, S., Subba Rao, B.V., Murthy, C.V.S., Yadav, D.R.	2011	<i>Metal Finishing</i> 109 (3), pp. 15-21
42.	Structural, dielectric, and conductivity studies of yttrium-doped LiNiPO ₄ cathode materials	Prabu, M., Selvasekarapandian, S., Kulkarni, A.R., Karthikeyan, S., Hirankumar, G., Sanjeeviraja, C.	2011	<i>Ionics</i> 17 (3), pp. 201-207
43.	New approach in steganography by integrating different LSB algorithms and applying randomization concept to enhance security	Anand, J.V., Dharaneetharan, G.D.	2011	<i>ACM International Conference Proceeding Series</i> , pp. 474-476
44.	Thermal and dielectric studies of polymer electrolyte based on P(ECH-EO)	Nithya, H., Selvasekarapandian, S., Arun Kumar, D., Sakunthala, A., Hema, M., Christopherselvin, P., Kawamura, J., (...), Sanjeeviraja, C.	2011	<i>Materials Chemistry and Physics</i> 126 (1-2), pp. 404-408
45.	1'-Methyl-4'-(1-naphth-yl)-1'',2'',3'', 4''-tetrahydroindane-2-spiro-2'-pyrrolidine-3'-spiro-2''- naphthalene-1,3,1''-trione	Selvanayagam, S., Sridhar, B., Ravikumar, K., Saravanan, P., Raghunathan, R.	2011	<i>Acta Crystallographica Section E: Structure Reports Online</i> 67 (3), pp. o629
46.	Immunomodulatory activity of various extracts of <i>Adhatoda vasica</i> Linn. in experimental rats	Vinothapooshan, G., Sundar, K.	2011	<i>African Journal of Pharmacy and Pharmacology</i> 5 (3), pp. 306-310
47.	A Hybrid Particle Swarm Optimisation approach for Reactive Power Optimisation in electricity market	Rajkumar, P., Devaraj, D.	2011	<i>International Journal of Energy Technology and Policy</i> 7 (4), pp. 379-392
48.	Improving mechanical properties of eco-friendly polymer hybrid composites	Alavudeen, A., Thiruchitrabalam, M., Venkateshwaran, N., Elayaperumal, A., Athijayamani, A.	2011	<i>International Journal of Performability Engineering</i> 7 (2), pp. 172-178

49.	Multi-objective optimization in VLSI floorplanning	Subbaraj, P., Saravanasankar, S., Anand, S.	2011	<i>Communications in Computer and Information Science</i> 140 CCIS, pp. 65-72
50.	Strength pareto evolutionary algorithm based multi-objective optimization for shortest path routing problem in computer networks	Potti, S., Chinnasamy, C.	2011	<i>Journal of Computer Science</i> 7 (1), pp. 17-26
51.	Anti-ulcer activity of Adhatoda vasica leaves against gastric ulcer in rats	Vinothapooshan, G., Sundar, K.	2011	<i>Journal of Global Pharma Technology</i> 3 (2), pp. 7-13
52.	Optimization of assembly tolerance variation and manufacturing system efficiency by using genetic algorithm in batch selective assembly	Victor Raj, M., Saravana Sankar, S., Ponnambalam, S.G.	2011	<i>International Journal of Advanced Manufacturing Technology</i> , pp. 1-16 Article in Press
53.	Structure, morphology and thermal characteristics of banana nano fibers obtained by steam explosion	Deepa, B., Abraham, E., Cherian, B.M., Bismarck, A., Blaker, J.J., Pothan, L.A., Leao, A.L., Kottaisamy, M.	2011	<i>Bioresource Technology</i> 102 (2), pp. 1988-1997
54.	Enhancement of Self-adaptive real-coded genetic algorithm using Taguchi method for Economic dispatch problem	Subbaraj, P., Rengaraj, R., Salivahanan, S.	2011	<i>Applied Soft Computing Journal</i> 11 (1), pp. 83-92
55.	Coordinated utilisation of wind farm reactive power capability for system loss optimisation	Meegahapola, L., Durairaj, S., Flynn, D., Fox, B.	2011	<i>European Transactions on Electrical Power</i> 21 (1), pp. 40-51
56.	Co-ordinated tuning of AVR-PSS using differential evolution algorithm	Selvabala, B., Devaraj, D.	2010	<i>2010 9th International Power and Energy Conference, IPEC 2010</i> , art. no. 5697036, pp. 439-444
57.	Improving data accessibility in mobile ad hoc networks	Nandhakumar, R., Saravanan, A.	2010	<i>Proceedings of the International Conference on "Recent Advances in Space Technology Services and Climate Change - 2010", RSTS and CC-2010</i> , art. no. 5712802, pp. 69-73

58.	Multi-objective evolutionary algorithm based reactive power dispatch with thyristor controlled series compensator	Ramesh, S., Kannan, S., Baskar, S.	2010	<i>2010 Joint International Conference on Power Electronics, Drives and Energy Systems, PEDES 2010 and 2010 Power India</i> , art. no. 5712423
59.	Artificial intelligent controller based three-phase shunt active filter for harmonic reduction and reactive power compensation	Rathika, P., Devaraj, D.	2010	<i>Proceedings of the International MultiConference of Engineers and Computer Scientists 2010, IMECS 2010</i> , pp. 1170-1175
60.	Co-ordinated design of AVR-PSS using multi objective genetic algorithm	Selvabala, B., Devaraj, D.	2010	<i>Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)</i> 6466 LNCS, pp. 481-493
61.	Unit commitment in deregulated power system using lagrangian firefly algorithm	Rampriya, B., Mahadevan, K., Kannan, S.	2010	<i>2010 IEEE International Conference on Communication Control and Computing Technologies, ICCCT 2010</i> , art. no. 5670583, pp. 389-393
62.	VBM-fuzzy computing of MR brain volume for proper intensity diagnosis of Alzheimer's	Thangaraj, C., Krishna Priya, R., Kesavadas, C.	2010	<i>2010 IEEE International Conference on Communication Control and Computing Technologies, ICCCT 2010</i> , art. no. 5670581, pp. 377-383
63.	A nondominated sorting genetic algorithm-II technique for environmental/economic power dispatch	Rajkumar, M., Kannan, S., Mahadevan, K., Ramesh, S.	2010	<i>2010 IEEE International Conference on Communication Control and Computing Technologies, ICCCT 2010</i> , art. no. 5670724, pp. 841-844

64.	Jet impingement cooling of a constant heat flux horizontal surface in a confined porous medium: Mixed convection regime	Sivasamy, A., Selladurai, V., Rajesh Kanna, P.	2010	<i>International Journal of Heat and Mass Transfer</i> 53 (25-26), pp. 5847-5855
65.	Intelligent based modelling, control and fault detection of chemical process	Karthik, C., Senthilkumar, M.	2010	<i>2010 IEEE International Conference on Communication Control and Computing Technologies, ICCCT 2010</i> , art. no. 5670574, pp. 327-332
66.	Antitumor activity of silver nanoparticles in Dalton's lymphoma ascites tumor model	Sriram, M.I., Kanth, S.B.M., Kalishwaralal, K., Gurunathan, S.	2010	<i>International Journal of Nanomedicine</i> 5 (1), pp. 753-762
67.	Synthesis and formation mechanism of ZnO nanobrushes	Singh, S., Senthil Kumar, E., Kottaisamy, M., Ramachandra Rao, M.S.	2010	<i>AIP Conference Proceedings</i> 1276, pp. 37-42
68.	Medium optimization and immobilization of purified fibrinolytic URAK from Bacillus cereus NK1 on PHB nanoparticles	Deepak, V., Ilangovan, S., Sampathkumar, M.V., Victoria, M.J., Pasha, S.P.B.S., Pandian, S.B.R.K., Gurunathan, S.	2010	<i>Enzyme and Microbial Technology</i> 47 (6), pp. 297-304
69.	A novel noise reduction method using double bilateral filtering	Vijaya, G., Vasudevan, V.	2010	<i>European Journal of Scientific Research</i> 46 (3), pp. 331-338
70.	Degree equitable chromatic number of a graph	Anitha, A., Arumugam, S., Rao, S.B., Sampathkumar, E.	2010	<i>Journal of Combinatorial Mathematics and Combinatorial Computing</i> 75, pp. 187-199
71.	Neighborhood connected domatic number of a graph	Arumugam, S., Sivagnanam, C.	2010	<i>Journal of Combinatorial Mathematics and Combinatorial Computing</i> 75, pp. 239-249

72.	Parallel particle swarm optimization with modified stochastic acceleration factors for solving large scale economic dispatch problem	Subbaraj, P., Rengaraj, R., Salivahanan, S., Senthilkumar, T.R.	2010	<i>International Journal of Electrical Power and Energy Systems</i> 32 (9), pp. 1014-1023
73.	Chromatic transversal domination in graphs	Benedict Michaelraj, L., Ayyaswamy, S.K., Arumugam, S.	2010	<i>Journal of Combinatorial Mathematics and Combinatorial Computing</i> 75, pp. 33-40
74.	Gold nanoparticles downregulate VEGF-and IL-1 β -induced cell proliferation through Src kinase in retinal pigment epithelial cells	Karthikeyan, B., Kalishwaralal, K., Sheikpranbabu, S., Deepak, V., Haribalaganesh, R., Gurunathan, S.	2010	<i>Experimental Eye Research</i> 91 (5), pp. 769-778
75.	Hepatoprotective activity of Adhatoda vasica leaves against Carbontetrachloride induced toxicity	Vinothapooshan, G., Sundar, K.	2010	<i>Pharmacologyonline</i> 2, pp. 551-558
76.	(E)-3-(4-Chlorophenyl)-3-[3-(4-chlorophenyl)-1H-pyrazol-1-yl]prop-2-enal	Susindran, V., Athimoolam, S., Bahadur, S.A., Manikannan, R., Muthusubramanian, S.	2010	<i>Acta Crystallographica Section E: Structure Reports Online</i> 66 (10), pp. o2594-o2595
77.	Methyl 3-[(1H-benzimidazol-1-yl)methyl]-1-methyl-4-(4-methylphenyl)-2'-oxopyrrolidine-2-spiro-3'-1-benzimidazole-3-carboxylate	Selvanayagam, S., Sridhar, B., Ravikumar, K., Kathiravan, S., Raghunathan, R.	2010	<i>Acta Crystallographica Section E: Structure Reports Online</i> 66 (10), pp. o2508-o2509
78.	Prediction of algal blooms using genetic programming	Sivapragasam, C., Muttill, N., Muthukumar, S., Arun, V.M.	2010	<i>Marine Pollution Bulletin</i> 60 (10), pp. 1849-1855
79.	Synthesis and electrochemical studies on LiV ₃ O ₈	Sakunthala, A., Reddy, M.V., Selvasekarapandian, S., Chowdari, B.V.R., Nithya, H., Selvin, P.C.	2010	<i>Journal of Solid State Electrochemistry</i> 14 (10), pp. 1847-1854

80.	Fuzzyart neural network for protein classification	Angadi, U.B., Venkatesulu, M.	2010	<i>Journal of Bioinformatics and Computational Biology</i> 8 (5), pp. 825-841
81.	Anti-ulcer activity of Mimosa pudica leaves against gastric ulcer in rats	Vinothapooshan, G., Sundar, K.	2010	<i>Research Journal of Pharmaceutical, Biological and Chemical Sciences</i> 1 (4), pp. 606-614
82.	Optimal designing of a skip lot sampling plan by two point method	Aslam, M., Balamurali, S., Jun, C.-H., Ahmad, M.	2010	<i>Pakistan Journal of Statistics</i> 26 (4), pp. 585-592
83.	2-Amino-6-(2,4-dichlorophenyl)-4-oxo-3,5-diphenylcyclohex-2-enecarbonitrile	Ali, A.J., Athimoolam, S., Bahadur, S.A., Raja, V.P.A.	2010	<i>Acta Crystallographica Section E: Structure Reports Online</i> 66 (10), pp. o2593
84.	Gold nanoparticles downregulate VEGF-and IL-1 β -induced cell proliferation through Src kinase in retinal pigment epithelial cells	Karthikeyan, B., Kalishwaralal, K., Sheikpranbabu, S., Deepak, V., Haribalaganesh, R., Gurunathan, S.	2010	<i>Experimental Eye Research</i> Article in Press
85.	Fractional global domination in graphs	Arumugam, S., Karuppasamy, K., Hamid, I.S.	2010	<i>Discussiones Mathematicae - Graph Theory</i> 30 (1), pp. 33-44
86.	Synthesis, spectral and single crystal X-ray structural studies on bis(2,2'-bipyridine)sulphidoM(II) (M = Cu or Zn) and diaqua 2,2'-bipyridine zinc(II)sulphate dihydrate	Manohar, A., Ramalingam, K., Bocelli, G., Cantoni, A.	2010	<i>Journal of the Serbian Chemical Society</i> 75 (8), pp. 1085-1092
87.	Structural, thermal and electrical properties of PVA-LiCF ₃ SO ₃ polymer electrolyte	Malathi, J., Kumaravadivel, M., Brahmanandhan, G.M., Hema, M., Baskaran, R., Selvasekarapandian, S.	2010	<i>Journal of Non-Crystalline Solids</i> Article in Press

88.	A novel hybrid immune-based GA for dynamic routing to multiple destinations for overlay networks	Vijayalakshmi, K., Radhakrishnan, S.	2010	<i>Soft Computing</i> 14 (11), pp. 1227-1239
89.	Fuzzy classifier design using modified genetic algorithm	Ganesh Kumar, P., Devaraj, D.	2010	<i>International Journal of Computational Intelligence Systems</i> 3 (3), pp. 334-342
90.	Manufacturing cell formation using graph decomposition	Manimaran, A., Prabhakaran, G., Venkumar, P., Pandian, R.S.	2010	<i>International Journal of Services and Operations Management</i> 7 (3), pp. 300-316
91.	Dielectric, modulus and impedance analysis of LaF3 nanoparticles	Arun Kumar, D., Selvasekarapandian, S., Nithya, H., Sakunthala, A., Hema, M.	2010	<i>Physica B: Condensed Matter</i> 405 (17), pp. 3803-3807
92.	Active network based queue management for providing QoS using IXP 2400 network processor	Selvam, N.S., Radhakrishnan, S.	2010	<i>Journal of Convergence Information Technology</i> 5 (7), pp. 1
93.	Silver nanoparticles impede the biofilm formation by Pseudomonas aeruginosa and Staphylococcus epidermidis	Kalishwaralal, K., BarathManiKanth, S., Pandian, S.R.K., Deepak, V., Gurunathan, S.	2010	<i>Colloids and Surfaces B: Biointerfaces</i> 79 (2), pp. 340-344
94.	Flow shop scheduling algorithm to minimize completion time for n-jobs m-machines problem	Modrák, V., Pandian, R.S.	2010	<i>Tehnicki Vjesnik</i> 17 (3), pp. 273-278
95.	Crystal structure of 1-(propa-1,2-dienyl)-1H-benzo(d)imidazole-2-carbaldehyde	Selvanayagam, S., Sridhar, B., Ravikumar, K., Kathiravan, S., Raghunathan, R.	2010	<i>X-ray Structure Analysis Online</i> 26 (8), pp. 59-60

96.	Genetic algorithm based reactive power dispatch for voltage stability improvement	Devaraj, D., Roselyn, J.P.	2010	<i>International Journal of Electrical Power and Energy Systems</i> Article in Press
97.	Ambulatory monitoring of free living patients affected by Chronic Obstructive Pulmonary Disease (COPD) and Parkinson's Disease (PD) using wireless sensor networks	Rajasekaran, M.P., Radhakrishnan, S., Subbaraj, P.	2010	<i>International Journal of Biomedical Engineering and Technology</i> 4 (2), pp. 111-122
98.	A nondominated sorting genetic algorithm for shortest path routing problem	Chitra, C., Subbaraj, P.	2010	<i>Proceedings of World Academ</i>
99.	Pigment epithelium-derived factor inhibits advanced glycation end products-induced retinal vascular permeability	Sheikpranbabu, S., Haribalaganesh, R., Lee, K.-J., Gurunathan, S.	2010	<i>Biochimie</i> 92 (8), pp. 1040-1051
100.	Properties of CdS films deposited by the electron beam evaporation technique	Sivaramamoorthy, K., Asath Bahadur, S., Kottaisamy, M., Murali, K.R.	2010	<i>Journal of Alloys and Compounds</i> 503 (1), pp. 170-176
101.	Anti-oxidant effect of gold nanoparticles restrains hyperglycemic conditions in diabetic mice	BarathManiKanth, S., Kalishwaralal, K., Sriram, M., Pandian, S.R.K., Youn, H.-S., Eom, S.Gurunathan, S.	2010	<i>Journal of Nanobiotechnology</i> 8, art. no. 16
102.	Symmetric key cryptosystem based on randomized block cipher	Aruljothi, S., Venkatesulu, M.	2010	<i>2010 5th International Conference on Future Information Technology, FutureTech 2010 - Proceedings</i> , art. no. 5482692
103.	Isolation of nanocellulose from pineapple leaf fibres by steam explosion	Cherian, B.M., Leão, A.L., de Souza, S.F., Thomas, S., Pothan, L.A., Kottaisamy, M.	2010	<i>Carbohydrate Polymers</i> 81 (3), pp. 720-725
104.	Mixed convection on jet impingement cooling of a constant heat flux horizontal porous layer	Sivasamy, A., Selladurai, V., Rajesh Kanna, P.	2010	<i>International Journal of Thermal Sciences</i> 49 (7), pp. 1238-1246

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