



2015 PUBLICATION

Sl. No.	Authors and Paper Title	Journal Name, Volume No., Issue No., and Page No.
1	D.Sivakumar , D. Shankar, G. Gayathiri, S. Sowmiya, M. Mahalakshmi, "Influence of fungi species for reducing chromium in tannery industry Wastewater"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 765-769
2	D.Sivakumar , M. Thiruvengadam, S. Lavanya Pavithra, P. Deepthi, B. Anandh, "Treatment of Dairy Industry Waste Water using Eucalyptus Wood Saw Dust activated Carbon powder"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 729-733
3	D.Sivakumar , M. Thiruvengadam, R. Monica Shruthi, K. Thaiyalnayagi, T.M. Modhini, "Influence of Eichhornia crassipes for removing Zn from electroplating industry wastewater"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 775-779
4	S. Janaki Sundaram, D. Sivakumar , "Shear improvement in soft soil using fiber in a random manner"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 798-800
5	D.Sivakumar , M. Ammaiappan, R. Anand, V. Lavanya. "Importance of Bottom Ash in Preventing Soil Failure"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 836-840
6	D.Sivakumar , D. Shankar, "Orange Peel Activated Carbon Powder for Treating Dairy Industry Wastewater"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 916-919
7	D.Sivakumar , D. Shankar, "Equilibrium and Isotherm Studies on Copper Electroplating Industry Effluent using Moringa oleifera Seed Powder"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 847-850
8	D.Sivakumar , V. Dhananjeyan, S. Sathish Kumar, S.M. Ashok Kumar, "Influence of lagerstroemia indica l. seed powder on removal off fluoride in aqueous solution"	International Journal of Advanced Research in Biology Ecology Science and Technology, 1(3): 19-22
9	D.Sivakumar , B. Keerthana, S. Lavanya Pavithra, "Effect of Eucalyptus wood saw dust Powder on Reduction of COD and TDS in a Dairy Industry Wastewater"	International Journal of Advanced Research in Biology Ecology Science And Technology, 1(3): 14-18
10	D.Sivakumar , S. Lavanya Pavithra, K. Vasuki, "Isotherm Study on Copper Electroplating Industry Effluent using Moringa oleifera Seed Powder"	International Journal of Advanced Research in Biology Ecology Science and Technology, 1(3): 23-27
11	D.Sivakumar , M. Ammaiappan, V. Lavanya, "Role of Bottom Ash in Preventing Soil Failure"	International Journal of Advanced Research in Biology Ecology Science and Technology, 1(3): 32-37
12	D.Sivakumar , B. Keerthana, P.C. Kirthana, G. Sandhiya, "Removal of TOC and COD from Municipal Solid Waste Leachate Using Electrocoagulation method"	International Journal of Advanced Research in Biology Ecology Science and Technology, 1(3): 28-31
13	D.Sivakumar , V. Dhananjeyan, S. Sathish Kumar, S.M. Ashok Kumar, "Fluoride removal from groundwater using Lagerfstroemia indica l. Seed powder"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 784-789



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4	D.Sivakumar , J. Rajaganapathy, R. Anand, S. Mariavensa, S. Preethi, "TOC and COD removal from municipal solid waste leachate using Electrocoagulation method"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 745-749
15	D.Sivakumar , A.N. Kandaswamy, M. Preethi, A. Mahalakshmi, "Effectiveness of Azolla caroliniana for treating paper mill effluent"	Journal of Chemical and Pharmaceutical Sciences, 8(4): 724-728
16	D. Sivakumar , "Removal of color from textile industry waste water using microorganism"	International Journal of Pharmtech Research, 8(5): 836-842
17	D. Sivakumar , "Hexavalent chromium removal in a tannery industry wastewater using rice husk silica"	Global J. Environ. Sci. Manage., 1(1): 27-40
18	D. Sivakumar , J. Nouri, "Removal of contaminants in a paper mill effluent by Azolla caroliniana"	Global J. Environ. Sci. Manage., 1(4): 297-304
19	S. Balamurali , M. Usha, "Optimal Designing of Variables Sampling Plan for Resubmitted Lots"	Communications in Statistics - Simulation and Computation, 4(5): 1210-1224
20	S. Balamurali , "Mixed Multiple Dependent State Sampling Plans Based on Process Capability Index"	Journal of Testing and Evaluation, 43(1): 171-178.
21	J. Pradeep Kandhasamy, S. Balamurali , "Performance Analysis of Classifier Models to Predict Diabetes Mellitus"	Procedia Computer Science, 47: 45-51.
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23	S. Balamurali , M. Usha, "Optimal Designing of Variables Tightened-Normal-Tightened Sampling Scheme by Minimizing the Average Sample Number"	International Journal of Industrial and Systems Engineering, 21(1): 99-118
24	Muhammad Aslam, S. Balamurali , Chi-Hyuck Jun, Batool Hussain, "Design of SkSP-R Variable Sampling Plan"	Colombian Journal of Statistics., 38(2): 413-429
25	J. Kalavathi, S. Balamurali , M. Venkatesulu, "An Efficient Evolutionary Approach for Identifying Evolving Groups in Dynamic Social Networks Using Genetic Modeling"	Procedia Computer Science, 57: 428-437
26	Saminathan Balamurali , Muhammad Aslam, Chi Hyuck Jun "Economic Design of SkSP-R Skip-lot Sampling Plan"	Journal of Testing and Evaluation, 43(5): 1205-1210
27	Azlam Muhamed, Azam Muhamed, S. Balamurali , "An Economic Design of a Group Sampling Plan for Weibull Distribution using Bayesian Approach"	Journal of Testing and Evaluation, 43(6): 1497-1503
28	S. Balamurali , Muhammad Aslam, Chi-Hyuck Jun, "Repetitive Group Sampling Plan under Gamma-Poisson Distribution"	Science International, 27(5): 3949-3956



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29	S. Balamurali , "S Class of Modified Linear Regression Type Ratio Estimators for Estimation of Population Mean using Coefficient of Variation and Quartiles of an Auxiliary Variable"	Journal of Statistics, 22(1): 284-305
30	Bose Karthikeyan, Arumugaperumal Arun, Lakshminarasimhan Harini, Krishnan Sundar, Thandavarayan Kathiresan , "Role of ZnS nanoparticles on endoplasmic reticulum stress mediated apoptosis in retinal pigment epithelial cells"	Biol. Trace. Ele. Res., 170: 390-400
31	Lakshminarasimhan Harini, Bose Karthikeyan, Sweta Srivatsava, Srinag B.S. Cecil Ross, Gnanakumar G, Rajagopalan S, T. Kathiresan , "Mesoporous Silica Nanoparticle Loaded with Curcumin Reduces the Cell Survival of MCF-7 Cells"	Bio-Nanomaterials for Biomedical Technology, 243-248
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35	C Sivapragasam , S Aishwarya, R Uma, G Karthik, K Kannabiran, "Genetic Programming based Simple Decision Support System for Pipe Network Operation"	International journal of Earth sciences and Engineering, 8(1): 302-306
36	R. Murugeswari , S. Radhakrishnan, "Discrete multi-objective differential evolution algorithm for routing in wireless mesh network"	• Soft Computing, 20: 3687-3698
37	M.Agnes Thivya, R. Murugeswari , "Joint QoS Channel Assignment and Multicast Routing in Wireless Mesh Network using Discrete Particle Swarm Optimization"	International Journal of Applied Engineering Research, 10(59): 847-859
38	Vishal Singh, Md. Hedayetullah, Serajul Islam, Jagamohan Meher , Soumya Ranjan Sahoo, M. K. Panda, "Effect of Slice Thickness on Recovery of Ginger Oil from Dry Ginger"	Environment & Ecology, 33(2A): 926-929
39	Jagamohan Meher , Braja Kishori Mishra, Prakash Nayak, Vishal Singh, "Effect of pre- drying and frying kinetics of sweet potato (ipomoea batatas l.) chips"	Bioscan, 10(2): 521-525
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41	S. Shahir , "Mathematical Modeling of Physical properties of Indian Mangoes using Image processing method for machine vision systems"	Scientific Journal Agricultural Engineering, 5: 29-40
42	Jegadeeson A, Gaurav Prasad Singh, Gurunathan V, Winowlin Jappes J T, Kalusuraman G , Siva.I, "Fiber surface modification effects on tribo properties of luffa/usp composites"	Journal of Manufacturing Engineering, 10(1): 1-9
43	Sachin V Pathak, NRNV Gowripathi Rao , "State of Farm Mechanization in Indian Agriculture".	Journal of Scientific and Engineering Research, 2(1): 36-46
44	Sahul Hamid, S. Saravanakumar , "Packing parameters in graphs"	Discussiones Mathematicae Graph Theory, 35(1): 5-16
45	A. Bharathi , M. Balusamy, E. Somasundaram, "Impact of integrated use of organic and inorganic sources of nitrogen on soil enzyme activities in sweet corn hybrid at different growth stages".	Progressive Research- An International Journal, 10: 903-905
46	K. I. Singh, A. Debbarna , H. R. Singh, "Field efficacy of certain microbial insecticides against Plutella xylostella Linnaeus and Pieris brassicae Linnaeus under cabbage-crop-ecosystem of Manipur"	Journal of Biological Control, 29(4): 194-202
47	Kannan, R. , Damodaran, T., Umamaheswari S, "Sodicity tolerant polyembryonic mango root stock plants: A putative role of endophytic bacteria"	African Journal of Biotechnology, 14(4): 350-359
48	R. Subashini, Gangadhara Angajala , Kadirappa Aggile, F. Nawaz Khan, "Microwave-assisted solid acid-catalyzed synthesis of quinolinyl quinolinones and evaluation of their antibacterial, antioxidant activities"	Res Chem Interned, 41: 4899-4912
49	Gangadhara Angajala , R. Subashini, "Nickel nanoparticles: A highly efficient and retrievable catalyst for the solvent less Friedlander annulation of quinolines and their in-silico molecular docking studies as histone deacetylase inhibitors"	Royal society of Chemistry, 57: 1-21
50	Ayyakannu Arumugam Napoleon, Gangadhara Angajala , Raj. A., "HPLC method development and validation for simultaneous estimation of Olmesartan Medoxomil, Hydrochlorothiazide and Amlodipine Besylate Tablets"	Scholars Research Library, 7(5): 182-196
51	G. Mangayarkkarasi, J. Jeyaranjani , "Hybrid System for Microarray Data"	International Journal of Emerging Technologies and Innovative Research, 2(11): 14-16



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Sl. No.	Authors and Paper Title	Journal Name, Volume No., Issue No., and Page No.
1	D. Sivakumar , P Abraham Daniel Raj, E Arivoli, M Hemalatha, "Groundwater Suitability for Irrigation in Pulicat Using GIS"	Journal of Chemical and Pharmaceutical Sciences, 9(3): 1542- 1549
2	Sivakumar D , Shankar D, Janaki Sundaram S, "Treating dairy industry effluent using orange peel powder"	Journal of Chemical and Pharmaceutical Sciences, 9(3): 1550-1552
3	D. Sivakumar , D. Shankar, S. Lavanya Pavithra, P. Deepthi, "Eucalyptus wood saw dust activated carbon powder for treating dairy industry wastewater"	Journal of Chemical and Pharmaceutical Sciences, 9(3): 1584-1588
4	Sivakumar. D , Shankar D, Anand R, "Isotherm Study on Reduction of Cu using coconut coir pith activated carbon powder"	Journal of Chemical and Pharmaceutical Sciences, 9(3): 1538-1541
5	M. Thiruvengadam, G. N. Pradeep Kumar, D. Sivakumar , C. Mohan, "An Experimental Study of Porous Medium Flow in Converging Boundary"	Indian Journal of Science and Technology, 9(19): 1-11
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7	D. Sivakumar , "Biosorption of hexavalent chromium in a tannery industry wastewater using fungi species"	Global J. Environ. Sci. Manage., 2(2): 105-124
8	D.Sivakumar , D. Shankar, B. Keerthana, K.Vasuki, "Removal of toc and cod from municipal solid waste leachate using electrocoagulation cum aeration technique"	Journal of Chemical and Pharmaceutical Sciences, 9(1): 276-280
9	D. Sivakumar , T. Hemalatha, R. Rajeshwaran, N. Murugan, M. Kotteeswaran, "Size Effect Studies on Concrete made of Natural and Artificial Sand"	Indian Journal of Science and Technology, 9(2): 1-6
10	S. Balamurali , P. Jeyadurga, M. Usha, "Designing of Bayesian Multiple Deferred State Sampling Plan Based on Gamma-Poisson Distribution"	American Journal of Mathematical and Management Sciences, 35(1): 77-90
11	Muhammad Aslama, S. Balamurali , Touqeer Arifa, "Improved Double Acceptance Sampling Plan Based on Truncated Life Test for Some Popular Statistical Distributions"	Journal of Statistical Computation and Simulation, 86(3): 477-493
12	J. Subramani, S. Balamurali , "A Modified Single Sampling Plan for the Inspection of Attribute Quality Characteristics"	Industrial Engineering and Management Systems, 15(1): 41-48



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13	K. Devibala, S. Bala Murali , S. Venkateselu, "Decentralized Detection and Mitigation of Sinkhole Attacks in Wireless Sensor Networks Based on Network Density Estimation Technique"	International Journal of Control Theory and Applications, 9(2): 557-564
14	S. Balamurali , Muhammad Azam, Muhammad Aslam, "Attribute-Variable Inspection Lots Policy using Resampling Based on EWMA"	Communications in Statistics-Simulation and Computation, 45(8): 3014-3035
15	Joseph Christina Rosy, Saminathan Balamurali , John Asnet Mary, Rajaiiah Shenbagarathai, Krishnan Sundar, "Generation of 2D-QSAR Model for Angiogenin Inhibitor: A Ligand-Based Approach for Cancer Drug Design"	Trends in Bioinformatics, 9(1): 1-13
16	Saminathan Balamurali , Muhammad Aslam, Chi-Hyuck Junc, "Designing of Two Mixed Variable LotSize Sampling Plans Using epetitive Sampling and Resampling Based on the Process Capability Index"	Sequential Analysis, 35(4): 413-422
17	J. Pradeep Kandhasamy, S. Balamurali , "Blood Vessel Extraction of Fundus Images on Edge Enhancement using Kirch's Template and other Image Processing Techniques"	Global Journal of Engineering and Technology Review, 1(1): 26-33
18	J. Kalavathi, S. Balamurali , M. Venkatesulu, "A Trusted Behaviour Learning for Interest Prediction in Social Ontology Based on Weighted Graph"	Global Journal of Engineering and Technology Review, 1(1): 34-40
19	J. Kalavathi, S. Balamurali , S. Venkatesulu "Evolutionary Web Inference Model for Prediction of Users Interest in Dynamic Multimode Networks"	International Journal of Computer Science and Information Security, 14(9): 641-649
20	Karthikeyan Bose, Harini Lakshminarasimhan, Krishnan Sundar, Thandavarayan Kathiresan , "T. Cytotoxic effect of ZnS nanoparticles on primary mouse retinal pigment epithelial cells".	Artif Cells Nanomed Biotechnol., 44: 1764-1773
21	R. Murugeswari , S. Radhakrishnan, D. Devaraj, "A multi- objective evolutionary algorithm based QoS routing in wireless mesh networks"	Applied soft computing, 40: 517-525
22	V. Eyarkai Nambi, K. Thangavel, S. Shahir , V. Thirupathi, "Color Kinetics During Ripening of Indian Mangoes"	International Journal of Food Properties, 19: 2147-2155,
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24	G. Kalusuraman , I. Siva, J.T. Winowlin Jappes, S. Anand Kumar, "Effects of fiber surface modification on the friction coefficient of luffa fiber/polyester composites under dry sliding condition"	J. Polym Engg., 1-10
25	Sahul Hamid, S. Saravanakumar , "Changing and unchanging Open Packing: Edge removal"	Discrete Mathematics, Algorithms and Applications, 8(1): 1-9



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28	M. Jayanthi , M. Asokhan, "A scale to measure ICT enabled agricultural extension services among farmers"	International Journal of Agricultural Science and Research, 6(3): 577-582
29	M. Jayanthi , M. Asokhan, "Constraints Faced by m- Kisan Users"	Journal of Extension Education, 21(1): 5622-5624
30	Ayyakannu Arumugam Napoleona, Gangadhara Angajala , Rakesh Kumara, "Novel synthesis of process related impurities of valganciclovir hydrochloride"	International Journal of Pharmacy and Pharmaceutical Sciences, 8(4): 29-31
31	Gangadhara Angajala , Pasupala Pavan, Radhakrishnan Subashini, "Lipases: An overview of its current challenges and perspectives in the revolution of biocatalysis"	Biocatalysis and Agricultural Biotechnology, 7: 257-270
32	S. Mohan , "The discreet rituals in american literature: a historical perspective"	International Journal of Current Research and Modern Education, 1(1): 712-714
33	K. Mohan Kumar, S. Godavarthi, T.V.K. Karthik, M. Mahendhiran , A. Hernandez-Eligio, N. Hernandez-Como, V. Agarwal, L. Martinez Gomez, "Green synthesis of S-doped rod shaped anatase TiO ₂ microstructures"	Materials Letter, 183: 211-214
34	K. Mohan Kumar, S. Godavarthi, E. Va'zquez Ve'lez, M. Casales Di'az, M. Mahendhiran , A. Hernandez- Eligio, M. G. Syamala Rao, L. Martinez Gomez "Green synthesis of haus mannitenanocrystals and their photocatalytic dye degradation and antimicrobial studies"	Journal of Sol-Gel Science and Technology, 80(2): 1-6



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1	D. Sivakumar , D. Shankar, M. Mohana, "Removal of TOC and COD from municipal solid waste leachate using aluminium electrode in electrocoagulation"	International Research Journal of Multidisciplinary Science & Technology, 2(3): 11-17
2	R. Kayalvizhi, D. Sivakumar , "Isotherm studies on sono- electrocoagulation fore moving Ni in aqueous solution"	International Research Journal of Multidisciplinary Science & Technology, 2(3): 122-128
3	D. Sivakumar , D. Shankar, T. Durairai Arasu, V.M. Ragothaman, "Effectiveness of Lemna gibba L. for Reduction of Pollutants from Textile Industry Effluent"	International Journal of Advanced Research in Basic Engineering Sciences and Technology: 3(35): 61-65
4	D. Sivakumar , D. Shankar, R. Mahalakshmi, K. Deepalakshmi, "Kinetic Model Studies on Removal of Hexavalent Chromium – Sugarcane Bagasse Powder"	International Research Journal of Multidisciplinary Science & Technology, 2(3): 37-43
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7	D. Sivakumar , D. Shankar, K. Poovarasi, Chandana Das, "Treatment of Dairy Industry Wastewater – A Novel Adsorbent Tamarind Kernel Powder"	International Journal of Advanced Research in Basic Engineering Sciences and Technology, 3: 71-75
8	Saminathan Balamurali , Mahalingam Usha, "Designing of Variables Modified Chain Sampling Plans Based on the Process Capability Index with Unknown Mean and Variance"	American Journal of Mathematical and Management Sciences, 36(4): 363- 377.
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10	S. Balamurali , "A New Mixed Chain Sampling Plan Based on Process Capability Index for Product Acceptance"	Communications in Statistics-Simulation and Computation., 46(7): 5423-5439
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12	S. Balamurali , J. Subramani, "Conditional Double Sampling Plan Based on Exponentiated Log-Logistic Model Assuring Median Life"	Journal of Statistics and Management Systems., 46(6): 4173-4184



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14	Muhammad Aslam, S. Balamurali , Chi-Hyuck Jun, Aneela Meer, "Time-Truncated Attribute Sampling Plan for Weibull Distribution and Burr Type X Distribution using EWMA"	Communications in Statistics-Simulation and Computation, 46(6): 4173-4184
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16	Zanib Khaliq, Khushnoor Khan, Saminathan Balamurali , Jaffer Hussain, "Lot Sentencing of Microbial Clustering in Food Using Mixed Distributions"	Science International, 29(2): 427-434
17	K. Karthigadevi, Saminathan Balamurali , M Venkatesulu, "Improving Quality of Service in Wireless Sensor Networks using Neighbor Constraint Transmission Centric Distributed Sink Hole Detection and Network Simulator 2"	Journal of Engineering and Applied Sciences, 12(4): 1797-1201
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26	L. Muthulakshmi, H. Nellaiah, T. Kathiresan , N. Rajini, Fenila Christopher, "Identification and production of bioflocculants by Enterobacter sp. and Bacillus sp. and their characterization studies"	Prep Biochem Biotechnol., 47: 458-467.



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