

Srikanta Patnaik

List of Publications by Year in descending order

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61
papers

366
citations

1040056

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888059

17
g-index

74
all docs

74
docs citations

74
times ranked

345
citing authors

#	ARTICLE	IF	CITATIONS
1	Coverage Criteria for State-Based Testing. , 2022, , 1222-1244.		0
2	A Novel Transfer Learning Technique for Detecting Breast Cancer Mammograms Using VGG16 Bottleneck Feature. ECS Transactions, 2022, 107, 733-746.	0.5	12
3	Design and Implementation of Multi-Agent Online Auction Systems in Cloud Computing. , 2021, , 251-269.		0
4	Management of V.U.C.A. (Volatility, Uncertainty, Complexity and Ambiguity) Using Machine Learning Techniques in Industry 4.0 Paradigm. Studies in Big Data, 2020, , 1-24.	1.1	11
5	Software Quality Prediction Using Fuzzy Logic Technique. International Journal of Information Systems in the Service Sector, 2019, 11, 51-71.	0.4	1
6	Coverage Criteria for State-Based Testing. International Journal of Information Technology Project Management, 2019, 10, 1-20.	0.5	8
7	Clustering of Web Application and Testing of Asynchronous Communication. International Journal of Ambient Computing and Intelligence, 2019, 10, 33-59.	1.1	2
8	Mutual Fund Performance Analysis Using Nature Inspired Optimization Techniques: A Critical Review. Advances in Intelligent Systems and Computing, 2018, , 734-745.	0.6	0
9	Resource optimisation and fault detection algorithms for cloud computing platforms based on SVM and resource reserve strategy. International Journal of Applied Decision Sciences, 2018, 11, 223.	0.3	1
10	Prediction of software quality using neuro-fuzzy model. International Journal of Intelligent Enterprise, 2018, 5, 292.	0.2	3
11	Big Data for Modelling Interactive Systems in IoT. , 2018, , .		8
12	Application of soft computing neural network tools to line congestion study of electrical power systems. International Journal of Information and Communication Technology, 2018, 13, 219.	0.1	3
13	A Study of major secure SDLC processes in web based applications. International Journal of Engineering and Technology(UAE), 2018, 7, 1.	0.3	1
14	Design of Intelligent Transportation System Supported by New Generation Wireless Communication Technology. International Journal of Ambient Computing and Intelligence, 2018, 9, 78-94.	1.1	29
15	Can a chaos system provide secure communication over insecure networks?â€”Online automatic teller machine services as a case study. Journal of Electronic Imaging, 2018, 27, 1.	0.9	2
16	Design of Intelligent Transportation System Supported by New Generation Wireless Communication Technology. , 2018, , 715-732.		10
17	Multi-Agent Optimization of Resource-Constrained Project Scheduling Problem Using Nature-Inspired Computing. Modeling and Optimization in Science and Technologies, 2017, , 217-246.	0.7	0
18	The OD matrix estimation model of passenger flow based on the POI around the bus station. International Journal of Applied Decision Sciences, 2017, 10, 118.	0.3	1

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19	Dynamic routing algorithm in wireless mesh network. International Journal of Grid and Utility Computing, 2017, 8, 53.	0.2	12
20	Design and Implementation of Multi-Agent Online Auction Systems in Cloud Computing. International Journal of Enterprise Information Systems, 2017, 13, 50-66.	1.0	7
21	Detection of abnormal cardiac condition using fuzzy inference system. International Journal of Automation and Control, 2017, 11, 372.	0.5	5
22	A modified differential evolution-based fuzzy multi-objective approach for clustering. International Journal of Management and Decision Making, 2017, 16, 24.	0.1	4
23	A fuzzy inventory model with time dependent Weibull deterioration, quadratic demand and partial backlogging. International Journal of Management and Decision Making, 2017, 16, 243.	0.1	4
24	Design of ANFIS Based E-Health Care System for Cardio Vascular Disease Detection. Advances in Intelligent Systems and Computing, 2017, , 445-453.	0.6	9
25	A Case Study on E-Examination in Universities of Odisha. International Journal of Computer and Communication Technology, 2017, , 12-20.	0.1	2
26	Intelligent Demand Forecasting and Replenishment System by Using Nature-Inspired Computing. Advances in Computational Intelligence and Robotics Book Series, 2017, , 190-205.	0.4	0
27	Security Measure to Detect and Avoid Flooding Attacks using Multi-Agent System in MANETS. International Journal of Electrical and Computer Engineering, 2017, 7, 919.	0.7	0
28	Self Adaptive Intrusion Detection Technique Using Data Mining Concept in an Ad-hoc Network. Procedia Computer Science, 2016, 92, 292-297.	2.0	4
29	Leading NoSQL models for handling Big Data: a brief review. International Journal of Business Information Systems, 2016, 22, 1.	0.2	31
30	A semi-supervised rough set and random forest approach for pattern classification of gene expression data. International Journal of Reasoning-based Intelligent Systems, 2016, 8, 155.	0.1	1
31	Modelling of multi-agent coordination using crocodile predatory strategy. International Journal of Reasoning-based Intelligent Systems, 2016, 8, 119.	0.1	0
32	An integrated robust semi-supervised framework for improving cluster reliability using ensemble method for heterogeneous datasets. Karbala International Journal of Modern Science, 2015, 1, 200-211.	1.0	3
33	A new improved cluster validity indexing technique: harnessed from Goodman-Kruskal validity index. International Journal of Information and Communication Technology, 2015, 7, 88.	0.1	0
34	Electronic governance service quality: a study in the state of Odisha. International Journal of Services, Technology and Management, 2015, 21, 238.	0.1	1
35	An efficient event matching algorithm for publish/subscribe system in sensor cloud platform. International Journal of Information and Communication Technology, 2015, 7, 645.	0.1	0
36	Text-to-speech synthesis with an Indian language perspective. International Journal of Grid and Utility Computing, 2015, 6, 170.	0.2	12

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37	Part of Speech Tagging in Odia Using Support Vector Machine. <i>Procedia Computer Science</i> , 2015, 48, 507-512.	2.0	17
38	A System for Recognition of Named Entities in Odia Text Corpus Using Machine Learning Algorithm. <i>Smart Innovation, Systems and Technologies</i> , 2015, , 315-324.	0.6	1
39	Various Strategies and Technical Aspects of Data Mining: A Theoretical Approach. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 47-52.	0.6	0
40	Machine Learning and Its Application in Software Fault Prediction with Similarity Measures. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 37-45.	0.6	0
41	Sensor Cloud: The Scalable Architecture for Future Generation Computing. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 433-443.	0.6	1
42	EPCM – an efficient power controlled MAC protocol for mobile ad hoc network. <i>International Journal of Electronics</i> , 2014, 101, 1443-1457.	1.4	6
43	Scalable architecture for ubiquitous healthcare using sensor cloud platform. <i>International Journal of Information and Communication Technology</i> , 2014, 6, 156.	0.1	0
44	A Novel Approach for Odia Part of Speech Tagging Using Artificial Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 147-154.	0.6	5
45	Enhancing the Accuracy of Case-Based Estimation Model through Early Prediction of Error Patterns. , 2013, , .		2
46	Soft computing for HR uncertainty management in steel industry. <i>International Journal of Data Analysis Techniques and Strategies</i> , 2013, 5, 252.	0.2	4
47	An enhanced classifier fusion model for classifying biomedical data. <i>International Journal of Computational Vision and Robotics</i> , 2012, 3, 129.	0.3	14
48	Steel plant production line automation strategy using advanced distributed control and convergent technology. <i>International Journal of Automation and Control</i> , 2012, 6, 157.	0.5	2
49	Green communication and computing for sustainable development. <i>International Journal of Information and Communication Technology</i> , 2012, 4, 154.	0.1	1
50	Genetic Algorithm Based Fuzzy Frequent Pattern Mining from Gene Expression Data. <i>Studies in Computational Intelligence</i> , 2012, , 1-14.	0.9	1
51	Automation of energy management system in Rourkela steel plant: a case study. <i>International Journal of Energy Technology and Policy</i> , 2011, 7, 417.	0.2	4
52	Object tracking using parallel local colour histogram method. <i>International Journal of Computational Vision and Robotics</i> , 2010, 1, 363.	0.3	1
53	Filtering and Performance Evaluation for Restoration of Grayscale Image Corrupted by Salt & Pepper Noise Using Low Pass Filtering Schemes. , 2009, , .		4
54	Application of elitist multi-objective genetic algorithm for classification rule generation. <i>Applied Soft Computing Journal</i> , 2008, 8, 477-487.	7.2	72

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55	Multiagent coordination utilising Q-learning. International Journal of Automation and Control, 2007, 1, 377.	0.5	2
56	Development of HR module in ERP for IB thermal power station: a case study. International Journal of Business Information Systems, 2007, 2, 99.	0.2	1
57	MOTION PLANNING OF AN INTELLIGENT ROBOT USING GA MOTIVATED TEMPORAL ASSOCIATIVE MEMORY. Applied Artificial Intelligence, 2005, 19, 515-534.	3.2	5
58	Improving the Multi-agent Coordination through Learning. IETE Journal of Research, 2005, 51, 395-406.	2.6	5
59	Intelligent Robots and their Level of Intelligence: A Short Review. IETE Technical Review (Institution of Tj ETQq1 1 0,784314 rgBT /Over	3.2	2
60	Edge, Shade and Mixed Range Detection by Fuzzy Gaussian Filter for an Autonomous Robot. Journal of Intelligent and Robotic Systems: Theory and Applications, 2003, 37, 251-271.	3.4	0
61	Building 3-D Visual Perception of a Mobile Robot Employing Extended Kalman Filter. Journal of Intelligent and Robotic Systems: Theory and Applications, 2002, 34, 99-120.	3.4	4