

Debajyoti Mukhopadhyay

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106
papers

451
citations

8
h-index

16
g-index

145
ext. papers

632
ext. citations

0.9
avg, IF

4.2
L-index

#	Paper	IF	Citations
106	Ascertain the efficient machine learning approach to detect different ARP attacks. <i>Computers and Electrical Engineering</i> , 2022 , 99, 107757	4.3	3
105	Machine Learning based Detection of Cyber Crime Hub Analysis using Twitter Data 2021 ,		10
104	An Approach to Mitigate the Risk of Customer Churn Using Machine Learning Algorithms. <i>Lecture Notes in Networks and Systems</i> , 2021 , 133-142	0.5	1
103	Cyber Bullying Detection Based on Twitter Dataset. <i>Lecture Notes in Networks and Systems</i> , 2021 , 87-94	0.5	4
102	An Agent-Based Cloud Service Negotiation in Hybrid Cloud Computing. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 563-572	0.4	2
101	QA System: Business Intelligence in Healthcare. <i>Communications in Computer and Information Science</i> , 2021 , 212-223	0.3	
100	MaskNet: Detecting Different Kinds of Face Mask for Indian Ethnicity. <i>Communications in Computer and Information Science</i> , 2021 , 492-503	0.3	1
99	Automated DDOS attack detection in software defined networking. <i>Journal of Network and Computer Applications</i> , 2021 , 187, 103108	7.9	10
98	Developing Ontology for Smart Irrigation of Vineyards. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 17-24	0.4	1
97	Cellular Automata in Web-Page Ranking. <i>Cognitive Intelligence and Robotics</i> , 2019 , 65-74	0.1	
96	Crop Suitability and Fertilizers Recommendation Using Data Mining Techniques. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 205-213	0.4	7
95	Decision support for grape crop protection using ontology. <i>International Journal of Reasoning-based Intelligent Systems</i> , 2019 , 11, 24	0.4	0
94	Multi-strategy-based e-negotiation using web services. <i>International Journal of Business Information Systems</i> , 2019 , 32, 109	0.6	
93	Decision support for nutrition management of grapes using ontology based on decision trees. <i>International Journal of Information and Decision Sciences</i> , 2019 , 11, 234	0.8	0
92	Internet of Things Based Weather Forecast Monitoring System. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018 , 9, 555	1.6	6
91	An Attempt to Develop an IOT Based Vehicle Security System 2018 ,		6
90	A Web-of-Things-Based System to Remotely Configure Automated Systems Using a Conditional Programming Approach. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 303-311	0.4	2

89	Analyzing the impact of deep web on real-time business search 2017 ,		1
88	Weather Forecasting Using ANN with Error Backpropagation Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 629-639	0.4	5
87	Analyzing Security Schemes in Delay Tolerant Networks. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 613-620	0.4	2
86	Adaptive Ontology Construction Method for Crop Pest Management. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 665-674	0.4	1
85	An Approach to Design an IoT Service for Business Domain Specific Web Search. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 621-628	0.4	1
84	A user-friendly college recommending system using user-profiling and matrix factorization technique 2017 ,		2
83	A proposed architecture for automating public distribution system 2017 ,		2
82	Application of RFID and path planning algorithm for locating products in a wholesale market 2017 ,		1
81	An Internet of Things (IOT) based monitoring system for efficient milk distribution 2017 ,		2
80	Proposing an Architecture for Scientific Workflow Management System in Cloud. <i>Lecture Notes in Networks and Systems</i> , 2017 , 293-301	0.5	1
79	Coherent Rule Mining Using AIR. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 641-653	0.4	
78	Enhanced Data Dissemination in a Mobile Environment. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 655-663	0.4	
77	Ontology Based System for Pests and Disease Management of Grapes in India 2016 ,		1
76	Using IoT for integrated pest management 2016 ,		4
75	Multi Strategy Selection in E- Negotiation 2016 ,		2
74	Region-Based Clustering Approach for Energy Efficient Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 113-120	0.4	
73	AgroKanti: Location-Aware Decision Support System for Forecasting of Pests and Diseases in Grapes. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 677-685	0.4	1
72	2016 ,		2

71	Multi-strategy based automated negotiation: BGP based architecture 2016 ,		5
70	Age driven automatic speech emotion recognition system 2016 ,		3
69	User Profiling for University Recommender System Using Automatic Information Retrieval. <i>Procedia Computer Science</i> , 2016 , 78, 5-12	1.6	10
68	Matrix Factorization Model in Collaborative Filtering Algorithms: A Survey. <i>Procedia Computer Science</i> , 2015 , 49, 136-146	1.6	102
67	An Approach on Multilateral Automated Negotiation. <i>Procedia Computer Science</i> , 2015 , 49, 298-305	1.6	7
66	Introducing Hybrid Technique for Optimization of Book Recommender System. <i>Procedia Computer Science</i> , 2015 , 45, 23-31	1.6	23
65	An approach for segmentation of characters in CAPTCHA 2015 ,		1
64	Using MongoDB for social networking website deciphering the pros and cons 2015 ,		5
63	Algorithm for Back-Up and Recovery of Data Stored on Cloud along with Authentication of the User 2015 ,		1
62	An Approach to a University Recommendation by Multi-criteria Collaborative Filtering and Dimensionality Reduction Techniques 2015 ,		8
61	Single Gateway Negotiation for Cloud Service during Service Level Agreement 2015 ,		1
60	Water velocity measurement using contact and Non-contact type sensor 2015 ,		3
59	Automated negotiation with behaviour prediction. <i>International Journal of Internet Protocol Technology</i> , 2015 , 9, 44	0.3	3
58	Performance analysis of classification and ranking techniques 2015 ,		1
57	An E-Negotiation Agent Using Rule Based and Case Based Approaches: A Comparative Study with Bilateral E-Negotiation with Prediction. <i>Journal of Software Engineering and Applications</i> , 2015 , 08, 521-530	0.6	3
56	The Sustainable Development Approach in the Economy-Ecology Dilemma. <i>Advances in Finance, Accounting, and Economics</i> , 2015 , 197-220	0.3	
55	An Efficient E-Negotiation Agent Using Rule-Based and Case-Based Approaches. <i>Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series</i> , 2015 , 245-261	0.4	
54	Augmented Execution in Mobile Cloud Computing: A Survey 2014 ,		3

53	Gesture recognition using DTW & piecewise DTW 2014,		12
52	Securing the Data in Clouds with Hyperelliptic Curve Cryptography 2014,		3
51	Addressing Name Node Scalability Issue in Hadoop Distributed File System Using Cache Approach 2014,		5
50	Efficient Fuzzy Search Engine with B -Tree Search Mechanism 2014,		2
49	Mobile Agent Based Market Basket Analysis on Cloud 2014,		2
48	AFMEACI: A Framework for Mobile Execution Augmentation Using Cloud Infrastructure. <i>Smart Innovation, Systems and Technologies, 2014, 441-450</i>	0.5	1
47	Analyzing web application log files to find hit count through the utilization of Hadoop MapReduce in cloud computing environment 2014,		3
46	A DC motor driver consisting of a single MOSFET with capability of speed and direction control 2014,		2
45	Agent Based Negotiation Using Cloud In An Approach in E-Commerce. <i>Advances in Intelligent Systems and Computing, 2014, 489-496</i>	0.4	8
44	Negotiation Life Cycle: An Approach in E-Negotiation with Prediction. <i>Advances in Intelligent Systems and Computing, 2014, 505-512</i>	0.4	1
43	Web-Page Indexing Based on the Prioritized Ontology Terms. <i>Smart Innovation, Systems and Technologies, 2014, 593-600</i>	0.5	
42	Constraint Driven Stratification of RDF with Hypergraph Graph (HG(2)) Data Structure. <i>Communications in Computer and Information Science, 2013, 167-180</i>	0.3	1
41	Integrating RDF into Hypergraph-Graph (HG(2)) Data Structure 2013,		1
40	Various Ways to Implement Energy Efficient WiseMAC Protocol for Wireless Sensor Network 2013,		2
39	Theories of Hypergraph-Graph (HG(2)) Data Structure 2013,		1
38	Searching and Establishment of S-P-O Relationships for Linked RDF Graphs: An Adaptive Approach 2013,		1
37	Intelligent Agent for Prediction in E-Negotiation: An Approach 2013,		5
36	Experience of Developing a Meta-semantic Search Engine 2013,		3

35	A New Approach to Design a Domain Specific Web Search Crawler Using Multilevel Domain Classifier. <i>Lecture Notes in Computer Science</i> , 2013 , 476-487	0.9	1
34	Query Optimization over Web Services Using a Mixed Approach. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 381-389	0.4	1
33	A Survey on Web Service Discovery Approaches. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 1001-1012	14	
32	H2E2: A hybrid, hexagonal & energy efficient WSN green platform for precision agriculture 2012 ,		3
31	Designing an ontology based domain specific web search engine for commonly used products using RDF 2012 ,		2
30	HENRI 2012 ,		5
29	A hybrid graph based framework for integrating information from RDF and topic map 2012 ,		2
28	QoS Based Framework for Effective Web Services in Cloud Computing. <i>Journal of Software Engineering and Applications</i> , 2012 , 05, 952-960	0.6	5
27	NAAS: Negotiation Automation Architecture with Buyer Behavior Pattern Prediction Component. <i>Advances in Intelligent Systems and Computing</i> , 2012 , 425-434	0.4	8
26	Web-Page Prediction for Domain Specific Web-Search Using Boolean Bit Mask. <i>Advances in Intelligent Systems and Computing</i> , 2012 , 211-220	0.4	
25	Introducing Dynamic Ranking on Web Pages Based on Multiple Ontology Supported Domains. <i>Lecture Notes in Computer Science</i> , 2010 , 104-109	0.9	2
24	An Attempt to Verify Claims of University Departments by Text Mining its Web Pages. <i>Journal of Convergence Information Technology</i> , 2010 , 5, 192-202		2
23	Mining the web with hierarchical crawlers & a resource sharing based crawling approach. <i>International Journal of Intelligent Information and Database Systems</i> , 2009 , 3, 90	0.3	4
22	Comparative study on Null Boundary and Periodic Boundary 3-neighborhood Multiple Attractor Cellular Automata for classification 2008 ,		3
21	A New Approach to Design Graph Based Search Engine for Multiple Domains Using Different Ontologies 2008 ,		7
20	A Product Recommendation System Using Vector Space Model and Association Rule 2008 ,		5
19	An Alternate Downloading Methodology of Webpages 2008 ,		1
18	Design of SMACA: synthesis and its analysis through rule vector graph for web based application. <i>International Journal of Intelligent Information and Database Systems</i> , 2008 , 2, 397	0.3	2

17	A Technique for Automatic Construction of Ontology from Existing Database to Facilitate Semantic Web 2007 ,		5
16	A New Semantic Web Services to Translate HTML Pages to RDF 2007 ,		3
15	A New Approach to Design Domain Specific Ontology Based Web Crawler 2007 ,		14
14	Generation of SMACA and Its Application in Web Services. <i>Lecture Notes in Computer Science</i> , 2007 , 140-152	0.9	1
13	Converging Cellular Automata Techniques with Web Search Methods to Offer a New Way to Rank Hyper-linked Web-Pages 2007 ,		3
12	An Agent Based Method for Web Page Prediction. <i>Lecture Notes in Computer Science</i> , 2007 , 219-228	0.9	1
11	An Alternate Way to Rank Hyper-linked Web-Pages 2006 ,		6
10	FlexiRank: An Algorithm Offering Flexibility and Accuracy for Ranking the Web Pages. <i>Lecture Notes in Computer Science</i> , 2005 , 308-313	0.9	5
9	An approach to confidence based page ranking for user oriented Web search. <i>SIGMOD Record</i> , 2003 , 32, 28-33	1.1	7
8	DESIGNING OPEN SYSTEMS WITH CASE. <i>Information Systems Management</i> , 1995 , 12, 26-34	3.1	0
7	Interoperability using APPC. <i>SIGMOD Record</i> , 1993 , 22, 479-482	1.1	0
6	A generic retrieval system design supporting interoperability. <i>Information Systems</i> , 1993 , 18, 269-273	2.7	
5	An approach to realizing interoperability using APPC. <i>Computer Communications</i> , 1993 , 16, 683-688	5.1	3
4	A generic information retrieval system to support interoperability. <i>ACM SIGIR Forum</i> , 1993 , 27, 14-21	0.9	1
3	A New Approach to Design Domain Specific Ontology Based Web Crawler		3
2	An Efficient E-Negotiation Agent Using Rule-Based and Case-Based Approaches1003-1016		
1	A Smart and Automated Negotiation System based on Linear Programming in a Multilateral Environment. <i>The Smart Computing Review</i> ,540-552		4