

# Debajyoti Mukhopadhyay

## List of Publications by Citations

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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	Matrix Factorization Model in Collaborative Filtering Algorithms: A Survey. <i>Procedia Computer Science</i> , <b>2015</b> , 49, 136-146	1.6	102
105	Introducing Hybrid Technique for Optimization of Book Recommender System. <i>Procedia Computer Science</i> , <b>2015</b> , 45, 23-31	1.6	23
104	A Survey on Web Service Discovery Approaches. <i>Advances in Intelligent and Soft Computing</i> , <b>2012</b> , 1001-1012		14
103	A New Approach to Design Domain Specific Ontology Based Web Crawler <b>2007</b> ,		14
102	Gesture recognition using DTW & piecewise DTW <b>2014</b> ,		12
101	Machine Learning based Detection of Cyber Crime Hub Analysis using Twitter Data <b>2021</b> ,		10
100	User Profiling for University Recommender System Using Automatic Information Retrieval. <i>Procedia Computer Science</i> , <b>2016</b> , 78, 5-12	1.6	10
99	Automated DDOS attack detection in software defined networking. <i>Journal of Network and Computer Applications</i> , <b>2021</b> , 187, 103108	7.9	10
98	An Approach to a University Recommendation by Multi-criteria Collaborative Filtering and Dimensionality Reduction Techniques <b>2015</b> ,		8
97	Agent Based Negotiation Using Cloud [An Approach in E-Commerce. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 489-496	0.4	8
96	NAAS: Negotiation Automation Architecture with Buyer Behavior Pattern Prediction Component. <i>Advances in Intelligent Systems and Computing</i> , <b>2012</b> , 425-434	0.4	8
95	An Approach on Multilateral Automated Negotiation. <i>Procedia Computer Science</i> , <b>2015</b> , 49, 298-305	1.6	7
94	A New Approach to Design Graph Based Search Engine for Multiple Domains Using Different Ontologies <b>2008</b> ,		7
93	An approach to confidence based page ranking for user oriented Web search. <i>SIGMOD Record</i> , <b>2003</b> , 32, 28-33	1.1	7
92	Crop Suitability and Fertilizers Recommendation Using Data Mining Techniques. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 205-213	0.4	7
91	An Alternate Way to Rank Hyper-linked Web-Pages <b>2006</b> ,		6
90	Internet of Things Based Weather Forecast Monitoring System. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , <b>2018</b> , 9, 555	1.6	6

89	An Attempt to Develop an IOT Based Vehicle Security System <b>2018</b> ,		6
88	Using MongoDB for social networking website deciphering the pros and cons <b>2015</b> ,		5
87	Intelligent Agent for Prediction in E-Negotiation: An Approach <b>2013</b> ,		5
86	Weather Forecasting Using ANN with Error Backpropagation Algorithm. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 629-639	0.4	5
85	Addressing Name Node Scalability Issue in Hadoop Distributed File System Using Cache Approach <b>2014</b> ,		5
84	HENRI <b>2012</b> ,		5
83	A Product Recommendation System Using Vector Space Model and Association Rule <b>2008</b> ,		5
82	A Technique for Automatic Construction of Ontology from Existing Database to Facilitate Semantic Web <b>2007</b> ,		5
81	QoS Based Framework for Effective Web Services in Cloud Computing. <i>Journal of Software Engineering and Applications</i> , <b>2012</b> , 05, 952-960	0.6	5
80	Multi-strategy based automated negotiation: BGP based architecture <b>2016</b> ,		5
79	FlexiRank: An Algorithm Offering Flexibility and Accuracy for Ranking the Web Pages. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 308-313	0.9	5
78	Using IoT for integrated pest management <b>2016</b> ,		4
77	Mining the web with hierarchical crawlers &ndash; a resource sharing based crawling approach. <i>International Journal of Intelligent Information and Database Systems</i> , <b>2009</b> , 3, 90	0.3	4
76	Cyber Bullying Detection Based on Twitter Dataset. <i>Lecture Notes in Networks and Systems</i> , <b>2021</b> , 87-94	0.5	4
75	A Smart and Automated Negotiation System based on Linear Programming in a Multilateral Environment. <i>The Smart Computing Review</i> ,540-552		4
74	Augmented Execution in Mobile Cloud Computing: A Survey <b>2014</b> ,		3
73	Water velocity measurement using contact and Non-contact type sensor <b>2015</b> ,		3
72	Automated negotiation with behaviour prediction. <i>International Journal of Internet Protocol Technology</i> , <b>2015</b> , 9, 44	0.3	3

71	Securing the Data in Clouds with Hyperelliptic Curve Cryptography <b>2014,</b>		3
70	Analyzing web application log files to find hit count through the utilization of Hadoop MapReduce in cloud computing environment <b>2014,</b>		3
69	Experience of Developing a Meta-semantic Search Engine <b>2013,</b>		3
68	H2E2: A hybrid, hexagonal & energy efficient WSN green platform for precision agriculture <b>2012,</b>		3
67	Comparative study on Null Boundary and Periodic Boundary 3-neighborhood Multiple Attractor Cellular Automata for classification <b>2008,</b>		3
66	A New Semantic Web Services to Translate HTML Pages to RDF <b>2007,</b>		3
65	Converging Cellular Automata Techniques with Web Search Methods to Offer a New Way to Rank Hyper-linked Web-Pages <b>2007,</b>		3
64	An approach to realizing interoperability using APPC. <i>Computer Communications</i> , <b>1993</b> , 16, 683-688	5.1	3
63	Ascertain the efficient machine learning approach to detect different ARP attacks. <i>Computers and Electrical Engineering</i> , <b>2022</b> , 99, 107757	4.3	3
62	A New Approach to Design Domain Specific Ontology Based Web Crawler		3
61	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> , <b>2015</b> , 08, 521-530	0.6	3
60	Age driven automatic speech emotion recognition system <b>2016,</b>		3
59	A Web-of-Things-Based System to Remotely Configure Automated Systems Using a Conditional Programming Approach. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 303-311	0.4	2
58	Multi Strategy Selection in E- Negotiation <b>2016,</b>		2
57	Various Ways to Implement Energy Efficient WiseMAC Protocol for Wireless Sensor Network <b>2013,</b>		2
56	Analyzing Security Schemes in Delay Tolerant Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 613-620	0.4	2
55	A user-friendly college recommending system using user-profiling and matrix factorization technique <b>2017,</b>		2
54	A proposed architecture for automating public distribution system <b>2017,</b>		2

53	An Internet of Things (IOT) based monitoring system for efficient milk distribution <b>2017</b> ,		2
52	Efficient Fuzzy Search Engine with B -Tree Search Mechanism <b>2014</b> ,		2
51	Mobile Agent Based Market Basket Analysis on Cloud <b>2014</b> ,		2
50	A DC motor driver consisting of a single MOSFET with capability of speed and direction control <b>2014</b> ,		2
49	Designing an ontology based domain specific web search engine for commonly used products using RDF <b>2012</b> ,		2
48	A hybrid graph based framework for integrating information from RDF and topic map <b>2012</b> ,		2
47	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> , <b>2008</b> , 2, 397	0.3	2
46	An Agent-Based Cloud Service Negotiation in Hybrid Cloud Computing. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 563-572	0.4	2
45	Introducing Dynamic Ranking on Web Pages Based on Multiple Ontology Supported Domains. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 104-109	0.9	2
44	An Attempt to Verify Claims of University Departments by Text Mining its Web Pages. <i>Journal of Convergence Information Technology</i> , <b>2010</b> , 5, 192-202		2
43	<b>2016</b> ,		2
42	Analyzing the impact of deep web on real-time business search <b>2017</b> ,		1
41	Developing Ontology for Smart Irrigation of Vineyards. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 17-24	0.4	1
40	An approach for segmentation of characters in CAPTCHA <b>2015</b> ,		1
39	Ontology Based System for Pests and Disease Management of Grapes in India <b>2016</b> ,		1
38	AgroKanti: Location-Aware Decision Support System for Forecasting of Pests and Diseases in Grapes. <i>Advances in Intelligent Systems and Computing</i> , <b>2016</b> , 677-685	0.4	1
37	Algorithm for Back-Up and Recovery of Data Stored on Cloud along with Authentication of the User <b>2015</b> ,		1
36	Constraint Driven Stratification of RDF with Hypergraph Graph (HG(2)) Data Structure. <i>Communications in Computer and Information Science</i> , <b>2013</b> , 167-180	0.3	1

35	Integrating RDF into Hypergraph-Graph (HG(2)) Data Structure <b>2013</b> ,		1
34	Theories of Hypergraph-Graph (HG(2)) Data Structure <b>2013</b> ,		1
33	Searching and Establishment of S-P-O Relationships for Linked RDF Graphs: An Adaptive Approach <b>2013</b> ,		1
32	Adaptive Ontology Construction Method for Crop Pest Management. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 665-674	0.4	1
31	An Approach to Design an IoT Service for Business Domain Specific Web Search. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 621-628	0.4	1
30	Application of RFID and path planning algorithm for locating products in a wholesale market <b>2017</b> ,		1
29	Single Gateway Negotiation for Cloud Service during Service Level Agreement <b>2015</b> ,		1
28	Performance analysis of classification and ranking techniques <b>2015</b> ,		1
27	AFMEACI: A Framework for Mobile Execution Augmentation Using Cloud Infrastructure. <i>Smart Innovation, Systems and Technologies</i> , <b>2014</b> , 441-450	0.5	1
26	An Alternate Downloading Methodology of Webpages <b>2008</b> ,		1
25	Generation of SMACA and Its Application in Web Services. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 140-152	0.9	1
24	A generic information retrieval system to support interoperability. <i>ACM SIGIR Forum</i> , <b>1993</b> , 27, 14-21	0.9	1
23	An Approach to Mitigate the Risk of Customer Churn Using Machine Learning Algorithms. <i>Lecture Notes in Networks and Systems</i> , <b>2021</b> , 133-142	0.5	1
22	An Agent Based Method for Web Page Prediction. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 219-228	0.9	1
21	A New Approach to Design a Domain Specific Web Search Crawler Using Multilevel Domain Classifier. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 476-487	0.9	1
20	Proposing an Architecture for Scientific Workflow Management System in Cloud. <i>Lecture Notes in Networks and Systems</i> , <b>2017</b> , 293-301	0.5	1
19	Query Optimization over Web Services Using a Mixed Approach. <i>Advances in Intelligent Systems and Computing</i> , <b>2013</b> , 381-389	0.4	1
18	Negotiation Life Cycle: An Approach in E-Negotiation with Prediction. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 505-512	0.4	1

17	MaskNet: Detecting Different Kinds of Face Mask for Indian Ethnicity. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 492-503	0.3	1
16	DESIGNING OPEN SYSTEMS WITH CASE. <i>Information Systems Management</i> , <b>1995</b> , 12, 26-34	3.1	0
15	Interoperability using APPC. <i>SIGMOD Record</i> , <b>1993</b> , 22, 479-482	1.1	0
14	Decision support for grape crop protection using ontology. <i>International Journal of Reasoning-based Intelligent Systems</i> , <b>2019</b> , 11, 24	0.4	0
13	Decision support for nutrition management of grapes using ontology based on decision trees. <i>International Journal of Information and Decision Sciences</i> , <b>2019</b> , 11, 234	0.8	0
12	Region-Based Clustering Approach for Energy Efficient Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2016</b> , 113-120	0.4	
11	A generic retrieval system design supporting interoperability. <i>Information Systems</i> , <b>1993</b> , 18, 269-273	2.7	
10	An Efficient E-Negotiation Agent Using Rule-Based and Case-Based Approaches 1003-1016		
9	Cellular Automata in Web-Page Ranking. <i>Cognitive Intelligence and Robotics</i> , <b>2019</b> , 65-74	0.1	
8	The Sustainable Development Approach in the Economy-Ecology Dilemma. <i>Advances in Finance, Accounting, and Economics</i> , <b>2015</b> , 197-220	0.3	
7	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> , <b>2015</b> , 245-261	0.4	
6	Coherent Rule Mining Using AIR. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 641-653	0.4	
5	Enhanced Data Dissemination in a Mobile Environment. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 655-663	0.4	
4	Web-Page Prediction for Domain Specific Web-Search Using Boolean Bit Mask. <i>Advances in Intelligent Systems and Computing</i> , <b>2012</b> , 211-220	0.4	
3	Web-Page Indexing Based on the Prioritized Ontology Terms. <i>Smart Innovation, Systems and Technologies</i> , <b>2014</b> , 593-600	0.5	
2	Multi-strategy-based e-negotiation using web services. <i>International Journal of Business Information Systems</i> , <b>2019</b> , 32, 109	0.6	
1	QA System: Business Intelligence in Healthcare. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 212-223	0.3	