

Debajyoti Mukhopadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

913
citations

933264

10
h-index

677027

22
g-index

145
all docs

145
docs citations

145
times ranked

576
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix Factorization Model in Collaborative Filtering Algorithms: A Survey. <i>Procedia Computer Science</i> , 2015, 49, 136-146.	1.2	184
2	Automated DDOS attack detection in software defined networking. <i>Journal of Network and Computer Applications</i> , 2021, 187, 103108.	5.8	83
3	Introducing Hybrid Technique for Optimization of Book Recommender System. <i>Procedia Computer Science</i> , 2015, 45, 23-31.	1.2	34
4	A Survey on Web Service Discovery Approaches. <i>Advances in Intelligent and Soft Computing</i> , 2012, , 1001-1012.	0.2	29
5	Crop Suitability and Fertilizers Recommendation Using Data Mining Techniques. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 205-213.	0.5	24
6	A New Approach to Design Domain Specific Ontology Based Web Crawler. , 2007, , .		22
7	A New Approach to Design Domain Specific Ontology Based Web Crawler. , 2007, , .		17
8	An approach to confidence based page ranking for user oriented Web search. <i>SIGMOD Record</i> , 2003, 32, 28-33.	0.7	16
9	Gesture recognition using DTW & piecewise DTW. , 2014, , .		16
10	An Attempt to Develop an IOT Based Vehicle Security System. , 2018, , .		15
11	An Approach to a University Recommendation by Multi-criteria Collaborative Filtering and Dimensionality Reduction Techniques. , 2015, , .		14
12	Ascertain the efficient machine learning approach to detect different ARP attacks. <i>Computers and Electrical Engineering</i> , 2022, 99, 107757.	3.0	14
13	User Profiling for University Recommender System Using Automatic Information Retrieval. <i>Procedia Computer Science</i> , 2016, 78, 5-12.	1.2	13
14	An Alternate Way to Rank Hyper-linked Web-Pages. , 2006, , .		12
15	A New Approach to Design Graph Based Search Engine for Multiple Domains Using Different Ontologies. , 2008, , .		12
16	Machine Learning based Detection of Cyber Crime Hub Analysis using Twitter Data. , 2021, , .		12
17	Using MongoDB for social networking website deciphering the pros and cons. , 2015, , .		11
18	Agent Based Negotiation Using Cloud – An Approach in E-Commerce. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 489-496.	0.5	11

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19	Multi-strategy based automated negotiation: BGP based architecture. , 2016, , .		10
20	Generation of SMACA and Its Application in Web Services. Lecture Notes in Computer Science, 2007, , 140-152.	1.0	9
21	Intelligent Agent for Prediction in E-Negotiation: An Approach. , 2013, , .		9
22	An Approach on Multilateral Automated Negotiation. Procedia Computer Science, 2015, 49, 298-305.	1.2	9
23	Using IoT for integrated pest management. , 2016, , .		9
24	Weather Forecasting Using ANN with Error Backpropagation Algorithm. Advances in Intelligent Systems and Computing, 2017, , 629-639.	0.5	9
25	Internet of Things Based Weather Forecast Monitoring System. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 9, 555.	0.7	9
26	Converging Cellular Automata Techniques with Web Search Methods to Offer a New Way to Rank Hyper-linked Web-Pages. , 2007, , .		8
27	A Product Recommendation System Using Vector Space Model and Association Rule. , 2008, , .		8
28	NAAS: Negotiation Automation Architecture with Buyer's Behavior Pattern Prediction Component. Advances in Intelligent Systems and Computing, 2012, , 425-434.	0.5	8
29	QoS Based Framework for Effective Web Services in Cloud Computing. Journal of Software Engineering and Applications, 2012, 05, 952-960.	0.8	8
30	Comparative study on Null Boundary and Periodic Boundary 3-neighborhood Multiple Attractor Cellular Automata for classification. , 2008, , .		7
31	Mining the web with hierarchical crawlers – a resource sharing based crawling approach. International Journal of Intelligent Information and Database Systems, 2009, 3, 90.	0.3	7
32	HENRI. , 2012, , .		7
33	Experience of Developing a Meta-semantic Search Engine. , 2013, , .		7
34	Efficient Fuzzy Search Engine with B -Tree Search Mechanism. , 2014, , .		7
35	Age driven automatic speech emotion recognition system. , 2016, , .		7
36	Securing the Data in Clouds with Hyperelliptic Curve Cryptography. , 2014, , .		6

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37	Addressing Name Node Scalability Issue in Hadoop Distributed File System Using Cache Approach. , 2014, , .		6
38	Analyzing web application log files to find hit count through the utilization of Hadoop MapReduce in cloud computing environment. , 2014, , .		6
39	A DC motor driver consisting of a single MOSFET with capability of speed and direction control. , 2014, , .		6
40	An approach to realizing interoperability using APPC. Computer Communications, 1993, 16, 683-688.	3.1	5
41	A Technique for Automatic Construction of Ontology from Existing Database to Facilitate Semantic Web. , 2007, , .		5
42	A New Semantic Web Services to Translate HTML Pages to RDF. , 2007, , .		5
43	Design of SMACA: synthesis and its analysis through rule vector graph for web based application. International Journal of Intelligent Information and Database Systems, 2008, 2, 397.	0.3	5
44	H2E2: A hybrid, hexagonal & energy efficient WSN green platform for precision agriculture. , 2012, , .		5
45	Water velocity measurement using contact and Non-contact type sensor. , 2015, , .		5
46	Ontology Based System for Pests and Disease Management of Grapes in India. , 2016, , .		5
47	Introducing Dynamic Ranking on Web Pages Based on Multiple Ontology Supported Domains. Lecture Notes in Computer Science, 2010, , 104-109.	1.0	5
48	Process Planner: An Approach to Conceptualize Business Practices in Private Cloud. The Smart Computing Review, 0, , .	0.4	5
49	An Algorithm for Hyper-Cube-Based Ontology Construction. , 2007, , .		4
50	Designing an ontology based domain specific web search engine for commonly used products using RDF. , 2012, , .		4
51	An approach to manage ontology dynamically based on web service composition requests. , 2012, , .		4
52	A user-friendly college recommending system using user-profiling and matrix factorization technique. , 2017, , .		4
53	An Agent Based Method for Web Page Prediction. Lecture Notes in Computer Science, 2007, , 219-228.	1.0	4
54	A generic information retrieval system to support interoperability. ACM SIGIR Forum, 1993, 27, 14-21.	0.4	4

#	ARTICLE	IF	CITATIONS
55	An E-Negotiation Agent Using Rule Based and Case Based Approaches: A Comparative Study with Bilateral E-Negotiation with Prediction. Journal of Software Engineering and Applications, 2015, 08, 521-530.	0.8	4
56	MAINWAVE: Multi Agents and Issues Negotiation for Web using Alliance Virtual Engine. The Smart Computing Review, 2012, 2, .	0.4	4
57	A Smart and Automated Negotiation System based on Linear Programming in a Multilateral Environment. The Smart Computing Review, 0, , 540-552.	0.4	4
58	An Agent-Based Cloud Service Negotiation in Hybrid Cloud Computing. Advances in Intelligent Systems and Computing, 2021, , 563-572.	0.5	4
59	Cyber Bullying Detection Based on Twitter Dataset. Lecture Notes in Networks and Systems, 2021, , 87-94.	0.5	4
60	Interoperability using APPC. , 1993, , .		3
61	Instruction Cache Design for Energy-Aware Embedded Processors by Using Backward Branch Information. , 2007, , .		3
62	Various Ways to Implement Energy Efficient WiseMAC Protocol for Wireless Sensor Network. , 2013, , .		3
63	Augmented Execution in Mobile Cloud Computing: A Survey. , 2014, , .		3
64	Automated negotiation with behaviour prediction. International Journal of Internet Protocol Technology, 2015, 9, 44.	0.2	3
65	Role of gender influence in vocal Hindi conversations: A study on speech emotion recognition. , 2016, , .		3
66	Multi Strategy Selection in E- Negotiation. , 2016, , .		3
67	A proposed architecture for automating public distribution system. , 2017, , .		3
68	Reduction of medication errors while prescribing using evidence based treatment. , 2017, , .		3
69	Artificial Intelligence based Missile Guidance System. , 2020, , .		3
70	A New Approach to Design a Domain Specific Web Search Crawler Using Multilevel Domain Classifier. Lecture Notes in Computer Science, 2013, , 476-487.	1.0	3
71	A Novel Approach for Domain Specific Lucky Web Search. Journal of Convergence Information Technology, 2010, 5, 72-80.	0.1	3
72	Scheme Invisible Internet Protocol (I2P) using Blockchain techniques for tracking Darkweb User Activities. , 2021, , .		3

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73	A hybrid graph based framework for integrating information from RDF and topic map. , 2012, , .		2
74	A Framework for Semi-automated Web Service Composition in Semantic Web. , 2013, , .		2
75	Searching and Establishment of S-P-O Relationships for Linked RDF Graphs: An Adaptive Approach. , 2013, , .		2
76	Mobile Agent Based Market Basket Analysis on Cloud. , 2014, , .		2
77	Algorithm for Back-Up and Recovery of Data Stored on Cloud along with Authentication of the User. , 2015, , .		2
78	Performance analysis of classification and ranking techniques. , 2015, , .		2
79	Cooperative Caching technique in peer to peer mobile environment. , 2016, , .		2
80	AgroKanti: Location-Aware Decision Support System for Forecasting of Pests and Diseases in Grapes. Advances in Intelligent Systems and Computing, 2016, , 677-685.	0.5	2
81	A Web-of-Things-Based System to Remotely Configure Automated Systems Using a Conditional Programming Approach. Advances in Intelligent Systems and Computing, 2017, , 303-311.	0.5	2
82	An Internet of Things (IOT) based monitoring system for efficient milk distribution. , 2017, , .		2
83	Analysing recommendation of colleges for students using data mining techniques. , 2017, , .		2
84	Decision support for grape crop protection using ontology. International Journal of Reasoning-based Intelligent Systems, 2019, 11, 24.	0.1	2
85	A Prototype of IoT based Remote Controlled Car for Pentesting Wireless Networks. , 2019, , .		2
86	FPGA Deployable Fire Detection Model for Real-Time Video Surveillance Systems Using Convolutional Neural Networks. , 2019, , .		2
87	An Attempt to Verify Claims of University Departments by Text Mining its Web Pages. Journal of Convergence Information Technology, 2010, 5, 192-202.	0.1	2
88	An Algorithm for Construction of High Efficient Web Page Tree. Journal of Convergence Information Technology, 2010, 5, 44-57.	0.1	2
89	A Technique for Automatic Construction of Ontology from Existing Database to Facilitate Semantic Web. , 2007, , .		2
90	A generic retrieval system design supporting interoperability. Information Systems, 1993, 18, 269-273.	2.4	1

#	ARTICLE	IF	CITATIONS
91	Interoperability using APPC. SIGMOD Record, 1993, 22, 479-482.	0.7	1
92	DESIGNING OPEN SYSTEMS WITH CASE. Information Systems Management, 1995, 12, 26-34.	3.2	1
93	Automatic Detection of Pancreatic Islets in Magnetic Resonance Rat Liver Images. , 2007, , .		1
94	An Alternate Downloading Methodology of Webpages. , 2008, , .		1
95	A ranking algorithm integrating vector space model with semantic metadata. , 2012, , .		1
96	Constraint Driven Stratification of RDF with Hypergraph Graph (HG(2)) Data Structure. Communications in Computer and Information Science, 2013, , 167-180.	0.4	1
97	Integrating RDF into Hypergraph-Graph (HG(2)) Data Structure. , 2013, , .		1
98	Theories of Hypergraph-Graph (HG(2)) Data Structure. , 2013, , .		1
99	Reverse proxy framework using sanitization technique for intrusion prevention in database. , 2013, , .		1
100	Non-intrusive Water Surface Velocity Measurement Using Spatial Cross Correlation Technique. , 2014, , .		1
101	AFMEACI: A Framework for Mobile Execution Augmentation Using Cloud Infrastructure. Smart Innovation, Systems and Technologies, 2014, , 441-450.	0.5	1
102	Single Gateway Negotiation for Cloud Service during Service Level Agreement. , 2015, , .		1
103	An approach for segmentation of characters in CAPTCHA. , 2015, , .		1
104	Analyzing the impact of deep web on real-time business search. , 2017, , .		1
105	A framework of a hybrid wave communication channel for transmitting voice over light-fidelity (VoLF). , 2017, , .		1
106	Application of RFID and path planning algorithm for locating products in a wholesale market. , 2017, , .		1
107	Decision support for nutrition management of grapes using ontology based on decision trees. International Journal of Information and Decision Sciences, 2019, 11, 234.	0.1	1
108	Proposing an Architecture for Scientific Workflow Management System in Cloud. Lecture Notes in Networks and Systems, 2017, , 293-301.	0.5	1

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109	Improve Search Efficiency by Changing Web-page Storage Structure for Domain Specific Search. Journal of Convergence Information Technology, 2012, 7, 1-9.	0.1	1
110	Offering Memory Efficiency Utilizing Cellular Automata for Markov Tree Based Web-Page Prediction Model. , 2007, , .		1
111	Practical approaches to maintaining referential integrity in multidatabase systems. , 1993, , .		0
112	Managing interoperability using APPC. , 1993, , .		0
113	A Novel Algorithm towards Designing the Protocol for Generation of Secret-Key with Authentication in Collaboration (PGSAC). , 2007, , .		0
114	A Practitioner's Approach to Software System Design. , 2010, , .		0
115	Web toolkit: an agent based scalable search engine using cellular automata based classification for duly ranked retrieved data. International Journal of Intelligent Information and Database Systems, 2011, 5, 177.	0.3	0
116	IP v6 secure tunneling mechanism. , 2012, , .		0
117	The changing nature of Spam 2.0. , 2012, , .		0
118	Modified Apriori Approach for Evade Network Intrusion Detection System. , 2014, , .		0
119	Context-awareness and location-awareness for mobile users using multi-level location based time stamp key. , 2016, , .		0
120	Region-Based Clustering Approach for Energy Efficient Wireless Sensor Networks. Advances in Intelligent Systems and Computing, 2016, , 113-120.	0.5	0
121	A comparative study of recommendation algorithms in e-commerce. , 2017, , .		0
122	An Efficient Way to Manage Constrained Devices in Internet of Things. , 2018, , .		0
123	Multi-strategy-based e-negotiation using web services. International Journal of Business Information Systems, 2019, 32, 109.	0.2	0
124	QA System: Business Intelligence in Healthcare. Communications in Computer and Information Science, 2021, , 212-223.	0.4	0
125	Web-Page Prediction for Domain Specific Web-Search Using Boolean Bit Mask. Advances in Intelligent Systems and Computing, 2012, , 211-220.	0.5	0
126	The Sustainable Development Approach in the Economy-Ecology Dilemma. Advances in Finance, Accounting, and Economics, 2015, , 197-220.	0.3	0

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127	An Efficient E-Negotiation Agent Using Rule-Based and Case-Based Approaches. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2015, , 245-261.	0.5	0
128	Coherent Rule Mining Using AIR. Advances in Intelligent Systems and Computing, 2017, , 641-653.	0.5	0
129	Enhanced Data Dissemination in a Mobile Environment. Advances in Intelligent Systems and Computing, 2017, , 655-663.	0.5	0
130	Data Spread among Vehicular Networks with Minimal Cost and Privacy. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 9, 111.	0.7	0
131	Cellular Automata in Web-Page Ranking. Cognitive Intelligence and Robotics, 2019, , 65-74.	0.6	0
132	An Efficient E-Negotiation Agent Using Rule-Based and Case-Based Approaches. , 0, , 1003-1016.		0
133	An Algorithm for Hyper-Cube-Based Ontology Construction. , 2007, , .		0
134	A New Semantic Web Services to Translate HTML Pages to RDF. , 2007, , .		0