

Anandakumar Haldorai

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,709
citations

430442

18
h-index

233125

45
g-index

116
all docs

116
docs citations

116
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	A bio-inspired swarm intelligence technique for social aware cognitive radio handovers. Computers and Electrical Engineering, 2018, 71, 925-937.	3.0	314
2	Supervised machine learning techniques in cognitive radio networks during cooperative spectrum handovers. Cluster Computing, 2017, 20, 1505-1515.	3.5	302
3	Canonical Correlation Analysis Based Hyper Basis Feedforward Neural Network Classification for Urban Sustainability. Neural Processing Letters, 2021, 53, 2385-2401.	2.0	172
4	Security and channel noise management in cognitive radio networks. Computers and Electrical Engineering, 2020, 87, 106784.	3.0	170
5	Early Detection of Lung Cancer Using Wavelet Feature Descriptor and Feed Forward Back Propagation Neural Networks Classifier. Lecture Notes in Computational Vision and Biomechanics, 2018, , 103-110.	0.5	163
6	Efficient Diagnosis of Liver Disease using Support Vector Machine Optimized with Crows Search Algorithm. EAI Endorsed Transactions on Energy Web, 0, , 164177.	0.3	131
7	An Efficient Optimized Handover in Cognitive Radio Networks using Cooperative Spectrum Sensing. Intelligent Automation and Soft Computing, 0, , 1-8.	1.6	126
8	Brain tumor detection and classification using machine learning: a comprehensive survey. Complex & Intelligent Systems, 2022, 8, 3161-3183.	4.0	99
9	Social Aware Cognitive Radio Networks. Advances in Business Information Systems and Analytics Book Series, 2018, , 188-202.	0.3	88
10	Handover based spectrum allocation in cognitive radio networks. , 2013, , .		81
11	AODV Route Discovery and Route Maintenance in MANETs. , 2019, , .		80
12	Region-based seed point cell segmentation and detection for biomedical image analysis. International Journal of Biomedical Engineering and Technology, 2018, 27, 273.	0.2	77
13	Hierarchical cost effective leach for heterogeneous wireless sensor networks. , 2015, , .		53
14	ENERGY EFFICIENT NETWORK SELECTION USING 802.16G BASED GSM TECHNOLOGY. Journal of Computer Science, 2014, 10, 745-754.	0.5	49
15	An Intelligent-Based Wavelet Classifier for Accurate Prediction of Breast Cancer. Advances in Multimedia and Interactive Technologies Book Series, 2018, , 306-319.	0.1	37
16	A Novel Method to Detect and Prevent SQLIA Using Ontology to Cloud Web Security. Wireless Personal Communications, 2021, 117, 2995-3014.	1.8	32
17	Node Replication Attack Detection in Distributed Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-11.	0.8	30
18	Evolution, challenges, and application of intelligent ICT education: An overview. Computer Applications in Engineering Education, 2021, 29, 562-571.	2.2	29

#	ARTICLE	IF	CITATIONS
19	Cooperative Spectrum Handovers in Cognitive Radio Networks. EAI/Springer Innovations in Communication and Computing, 2019, , 47-63.	0.9	26
20	Region-based seed point cell segmentation and detection for biomedical image analysis. International Journal of Biomedical Engineering and Technology, 2018, 27, 273.	0.2	21
21	A Study on Mobile IPv6 Handover in Cognitive Radio Networks. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 399-408.	0.5	20
22	Design of mobile robot navigation controller using neuro-fuzzy logic system. Computers and Electrical Engineering, 2022, 101, 108044.	3.0	20
23	Trust management approach for secure and privacy data access in cloud computing. , 2013, , .		19
24	Editorial: Big Data Innovation for Sustainable Cognitive Computing. Mobile Networks and Applications, 2019, 24, 221-223.	2.2	19
25	Cooperative Spectrum Handovers in Cognitive Radio Networks. EAI/Springer Innovations in Communication and Computing, 2019, , 1-18.	0.9	16
26	An electromagnetic strategy to improve the performance of PV panel under partial shading. Computers and Electrical Engineering, 2021, 90, 106896.	3.0	16
27	The Impact of Big Data Analytics and Challenges to Cyber Security. Advances in Information Security, Privacy, and Ethics Book Series, 2018, , 300-314.	0.4	16
28	A study on cognitive social data fusion. , 2017, , .		15
29	An Efficient Privacy-Preserving ID Centric Authentication in IoT Based Cloud Servers for Sustainable Smart Cities. Wireless Personal Communications, 2021, 117, 3229-3253.	1.8	15
30	Smart Sensor Networking and Green Technologies in Urban Areas. Urban Computing, 2019, , 205-224.	0.9	15
31	An improved spectral efficiency of WiMAX using 802.16G based technology. , 2015, , .		14
32	Supervised Machine Learning Techniques in Intelligent Network Handovers. EAI/Springer Innovations in Communication and Computing, 2019, , 135-154.	0.9	14
33	An Optimal Approach to Enhance Context Aware Description Administration Service for Cloud Robots in a Deep Learning Environment. Wireless Personal Communications, 2021, 117, 3343-3358.	1.8	14
34	Experimental analysis of intelligent vehicle monitoring system using Internet of Things (IoT). EAI Endorsed Transactions on Energy Web, 0, , 169336.	0.3	14
35	Enhanced multicast cluster-based routing protocol for delay tolerant mobile networks. International Journal of Information and Communication Technology, 2015, 7, 676.	0.1	13
36	Energy Efficient Network Selection for Cognitive Spectrum Handovers. EAI/Springer Innovations in Communication and Computing, 2019, , 41-64.	0.9	13

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37	Artificial Intelligence and Machine Learning for Future Urban Development. Urban Computing, 2019, , 91-113.	0.9	13
38	The role of cloud computing technology: A savior to fight the lockdown in COVID 19 crisis, the benefits, characteristics and applications. International Journal of Intelligent Networks, 2021, 2, 166-174.	5.8	13
39	Cluster-based attacks prevention algorithm for autonomous vehicles using machine learning algorithms. Computers and Electrical Engineering, 2022, 101, 108088.	3.0	12
40	Computational Intelligence and Sustainable Systems. EAI/Springer Innovations in Communication and Computing, 2019, , .	0.9	11
41	Cognitive Radio Communication and Applications for Urban Spaces. Urban Computing, 2019, , 161-183.	0.9	11
42	An effective group formation in the cloud based on Ring signature. , 2015, , .		10
43	Machine Learning and Big Data for Smart Generation. Urban Computing, 2019, , 185-203.	0.9	10
44	Social Relationship Ranking on the Smart Internet. Urban Computing, 2019, , 141-159.	0.9	10
45	Dynamic Spectrum Handovers in Cognitive Radio Networks. EAI/Springer Innovations in Communication and Computing, 2019, , 111-133.	0.9	9
46	Artificial Intelligence and Machine Learning for Enterprise Management. , 2019, , .		9
47	Big Data Analytics for Sustainable Computing. Mobile Networks and Applications, 2019, 24, 1751-1754.	2.2	8
48	Time-series data prediction problem analysis through multilayered intuitionistic fuzzy sets. Soft Computing, 2023, 27, 1663-1671.	2.1	8
49	Spatial and temporal correlation between beach and wave processes: implications for barâ€™berm sediment transition. Frontiers of Earth Science, 2018, 12, 349-360.	0.9	7
50	Applications and Services of Intelligent Spectrum Handover. EAI/Springer Innovations in Communication and Computing, 2019, , 193-210.	0.9	7
51	Distributed Algorithms for Learning and Cognitive Medium. EAI/Springer Innovations in Communication and Computing, 2019, , 87-109.	0.9	7
52	Secure Distributed Spectrum Sensing in Cognitive Radio Networks. EAI/Springer Innovations in Communication and Computing, 2019, , 175-191.	0.9	7
53	A Critical Review of Production Distribution Planning Models. , 2021, , .		7
54	Biomedical Informatics and Computation in Urban E-health. Urban Computing, 2019, , 69-89.	0.9	7

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55	Energy Efficient Network Selection for Urban Cognitive Spectrum Handovers. Urban Computing, 2019, , 115-139.	0.9	7
56	Analysis of Artificial Intelligence in Future Industrial Applications. Journal of Advanced Research in Dynamical and Control Systems, 2019, 11, 205-210.	0.3	7
57	Intelligent Spectrum Handovers in Cognitive Radio Networks. EAI/Springer Innovations in Communication and Computing, 2019, , .	0.9	6
58	Signal Processing Architectures, Algorithms, and Human-Machine Interactions in Urban Applications. Urban Computing, 2019, , 49-67.	0.9	6
59	Role of Machine Intelligence and Big Data in Remote Sensing. Advances in Data Mining and Database Management Book Series, 2020, , 118-130.	0.4	6
60	Image Segmentation and the Projections of Graphic Centred Approaches in Medical Image Processing. , 2020, , 74-81.		6
61	Hybrid Invasive Weed Improved Grasshopper Optimization Algorithm for Cloud Load Balancing. Intelligent Automation and Soft Computing, 2022, 34, 467-483.	1.6	6
62	Intelligent Cognitive Radio Communications: A Detailed Approach. EAI/Springer Innovations in Communication and Computing, 2019, , 19-40.	0.9	5
63	Software Radio Architecture: A Mathematical Perspective. EAI/Springer Innovations in Communication and Computing, 2019, , 65-86.	0.9	5
64	Organization Internet of Things (IoTs): Supervised, Unsupervised, and Reinforcement Learning. EAI/Springer Innovations in Communication and Computing, 2020, , 27-53.	0.9	5
65	Enterprise Architecture for IoT: Challenges and Business Trends. EAI/Springer Innovations in Communication and Computing, 2020, , 123-138.	0.9	5
66	An Efficient SecureU Application to Detect Malicious Applications in Social Media Networks. , 2020, , .		4
67	Mobile and Pervasive Computing for Urban Development. Urban Computing, 2019, , 1-26.	0.9	4
68	Internet of Things (IoTs) Evolutionary Computation, Enterprise Modelling and Simulation. EAI/Springer Innovations in Communication and Computing, 2020, , 1-26.	0.9	4
69	Health Index Estimation of Wind Power Plant Using Neurofuzzy Modeling. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-8.	0.7	4
70	An Analysis of Software Defined Networks and Possibilities of Network Attacks. Journal of Machine and Computing, 2022, , 42-52.	0.6	4
71	Privacy Information Leakage Prevention in Cognitive Social Mining Applications. Advances in Social Networking and Online Communities Book Series, 2019, , 188-212.	0.3	3
72	Study of Efficient Hybrid Wireless Networks Using QoS-Oriented Distributed Routing Protocol. Advances in Social Networking and Online Communities Book Series, 2019, , 213-235.	0.3	3

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73	A Study on Various Bio-Inspired Algorithms for Intelligent Computational System. , 2020, , 1533-1540.		3
74	The Impact of Big Data Analytics and Challenges to Cyber Security. , 2022, , 1216-1230.		3
75	Big Data in Intelligent Information Systems. Mobile Networks and Applications, 2022, 27, 997-999.	2.2	3
76	Autonomous navigation system based on a dynamic access control architecture for the internet of vehicles. Computers and Electrical Engineering, 2022, 101, 108037.	3.0	3
77	Next Generation Wireless Communication Challenges and Issues. , 2019, , .		2
78	Machine learning based Multi Agent Systems in Complex Networks. , 2019, , .		2
79	Survey of Image Processing Techniques in Medical Image Assessment Methodologies. Advances in Intelligent Systems and Computing, 2021, , 795-811.	0.5	2
80	Survey on Big Data Analytic and Challenges to Cyber Security. Information Technology Journal, 2018, 18, 8-16.	0.3	2
81	Optimization, Modelling and Simulation for Evolutionary Computation. Journal of Advanced Research in Dynamical and Control Systems, 2019, , 111-115.	0.3	2
82	Analysis of Cloud Based Simulation Methods and Optimization Algorithms. , 2019, , .		1
83	Intelligent Vehicle System Problems and Future Impacts for Transport Guidelines. , 2019, , .		1
84	Artificial Intelligence for Cognitive Telecommunication Network. , 2019, , .		1
85	Artificial intelligence for sustainable internet research. International Journal of Computers and Applications, 2022, 44, 501-502.	0.8	1
86	Signal processing techniques for sustainable cognitive radio communications. Wireless Networks, 2021, 27, 839-841.	2.0	1
87	Election Tweets Prediction Using Enhanced Cart and Random Forest. Lecture Notes in Networks and Systems, 2021, , 851-858.	0.5	1
88	Web Intelligence and Data Mining in Urban Areas. Urban Computing, 2019, , 27-47.	0.9	1
89	Artificial Intelligence in Causality Healthcare Sector. , 2020, , 30-37.		1
90	A Review of Tools Applied in Processing of Medical Images. , 2021, , 42-49.		1

#	ARTICLE	IF	CITATIONS
91	Wavelet Methods and Pattern Recognition for Clinical Image Fusion. , 2021, , 50-57.		1
92	A Graphic Model, Simulators and Formal Evaluation of Protocols For Wireless Communication. , 2019, , .		0
93	Next generation Wireless Communication Networks for Smart Grid. , 2019, , .		0
94	A Detailed Analysis of Big Data Analytics Challenges and Opportunities. , 2019, , .		0
95	Autonomous and Automated Vehicles “ The Future Transportation Systems. , 2019, , .		0
96	Privacy Information Leakage Prevention in Cognitive Social Mining Applications. , 2021, , 2110-2134.		0
97	Big Cloud Innovation for Sustainable Wireless Management. Wireless Personal Communications, 2021, 117, 2641-2643.	1.8	0
98	A Study on Ontology-Based Cloud in Best-Practice Evaluation. International Journal of Scientific Research (Ahmedabad, India), 2012, 2, 204-206.	5.0	0
99	Business Information System Culture in Global Organizations. International Journal of Advanced Information and Communication Technology, 2020, , 204-212.	0.0	0
100	Business Intelligence and Knowledge Management in Enterprise Applications. , 2020, , 92-100.		0
101	A Survey on Enterprise Opportunities and Analysis of Technological Startups and Valuation. , 2020, , 84-91.		0
102	ANALYSIS ON COGNITIVE SOCIAL DATA FUSION. International Journal of Advanced Information and Communication Technology, 2020, , 27-30.	0.0	0
103	Spatiotemporal Traffic Analysis using Big Data. International Journal of Advanced Information and Communication Technology, 2020, , 37-40.	0.0	0
104	Performance Analysis of Star Topology for Small Networks Using Riverbed. , 2022, , .		0