Anis Koubaa

List of Publications by Year
in descending order

193 papers	5,829 citations	126858 33 h-index	114418 63 g-index
202 all docs	202 docs citations	202 times ranked	4206 citing authors

#	Article	IF	Citations
1	Radio link quality estimation in wireless sensor networks. ACM Transactions on Sensor Networks, 2012, 8, 1-33.	2.3	506
2	RPL in a nutshell: A survey. Computer Networks, 2012, 56, 3163-3178.	3.2	272
3	LSAR: Multi-UAV Collaboration for Search and Rescue Missions. IEEE Access, 2019, 7, 55817-55832.	2.6	170
4	Car Detection using Unmanned Aerial Vehicles: Comparison between Faster R-CNN and YOLOv3. , 2019, , .		164
5	Micro Air Vehicle Link (MAVlink) in a Nutshell: A Survey. IEEE Access, 2019, 7, 87658-87680.	2.6	158
6	Unsupervised Domain Adaptation Using Generative Adversarial Networks for Semantic Segmentation of Aerial Images. Remote Sensing, 2019, 11, 1369.	1.8	150
7	A Time Division Beacon Scheduling Mechanism for IEEE 802.15.4/Zigbee Cluster-Tree Wireless Sensor Networks. Real-Time Systems (ECRTS), Proceedings of the Euromicro Workshop on, 2007, , .	0.0	141
8	Drone Deep Reinforcement Learning: A Review. Electronics (Switzerland), 2021, 10, 999.	1.8	120
9	Modeling and Worst-Case Dimensioning of Cluster-Tree Wireless Sensor Networks. , 2006, , .		114
10	RoadSense: Smartphone Application to Estimate Road Conditions Using Accelerometer and Gyroscope. IEEE Sensors Journal, 2017, 17, 4231-4238.	2.4	110
11	Quality-of-service aware routing for static and mobile IPv6-based low-power and lossy sensor networks using RPL. Ad Hoc Networks, 2015, 33, 233-256.	3.4	105
12	DroneTrack: Cloud-Based Real-Time Object Tracking Using Unmanned Aerial Vehicles Over the Internet. IEEE Access, 2018, 6, 13810-13824.	2.6	104
13	Relaxed Dijkstra and A* with linear complexity for robot path planning problems in large-scale grid environments. Soft Computing, 2016, 20, 4149-4171.	2.1	101
14	TDBS: a time division beacon scheduling mechanism for ZigBee cluster-tree wireless sensor networks. Real-Time Systems, 2008, 40, 321-354.	1.1	96
15	F-LQE: A Fuzzy Link Quality Estimator for Wireless Sensor Networks. Lecture Notes in Computer Science, 2010, , 240-255.	1.0	94
16	Cyber-physical systems clouds: A survey. Computer Networks, 2016, 108, 260-278.	3.2	89
17	GTS allocation analysis in IEEE 802.15.4 for real-time wireless sensor networks. , 2006, , .		85
18	OF-FL: QoS-aware fuzzy logic objective function for the RPL routing protocol. , 2014, , .		82

#	Article	IF	Citations
19	i-GAME: An Implicit GTS Allocation Mechanism in IEEE 802.15.4 for Time-Sensitive Wireless Sensor Networks. , 0, , .		81
20	Improving Quality-of-Service in Wireless Sensor Networks by Mitigating â€œHidden-Node Collisionsâ€. IEEE Transactions on Industrial Informatics, 2009, 5, 299-313.	7.2	80
21	Co-RPL: RPL routing for mobile low power wireless sensor networks using Corona mechanism. , 2014, , .		79
22	IEEE 802.15.4e in a Nutshell: Survey and Performance Evaluation. IEEE Communications Surveys and Tutorials, 2018, 20, 1989-2010.	24.8	77
23	HTTU-Net: Hybrid Two Track U-Net for Automatic Brain Tumor Segmentation. IEEE Access, 2020, 8, 101406-101415.	2.6	76
24	Dronemap Planner: A service-oriented cloud-based management system for the Internet-of-Drones. Ad Hoc Networks, 2019, 86, 46-62.	3.4	74
25	An implicit GTS allocation mechanism in IEEE 802.15.4 for time-sensitive wireless sensor networks: theory and practice. Real-Time Systems, 2008, 39, 169-204.	1.1	69
26	Reliable link quality estimation in low-power wireless networks and its impact on tree-routing. Ad Hoc Networks, 2015, 27, 1-25.	3.4	57
27	A Simulation Model for the IEEE 802.15.4 protocol: Delay/Throughput Evaluation of the GTS Mechanism. , 2007, , .		56
28	A service-oriented Cloud-based management system for the Internet-of-Drones. , 2017, , .		55
29	A comparative simulation study of link quality estimators in wireless sensor networks. , 2009, , .		54
30	An Efficient Approach Based on Privacy-Preserving Deep Learning for Satellite Image Classification. Remote Sensing, 2021, 13, 2221.	1.8	53
31	Simulation and performance evaluation of DAG construction with RPL. , 2012, , .		51
32	FL-MTSP: a fuzzy logic approach to solve the multi-objective multiple traveling salesman problem for multi-robot systems. Soft Computing, 2017, 21, 7351-7362.	2.1	46
33	Qualitative and Quantitative Risk Analysis and Safety Assessment of Unmanned Aerial Vehicles Missions Over the Internet. IEEE Access, 2019, 7, 53392-53410.	2.6	46
34	UTM-Chain: Blockchain-Based Secure Unmanned Traffic Management for Internet of Drones. Sensors, 2021, 21, 3049.	2.1	45
35	Open-ZB: an open-source implementation of the IEEE 802.15.4/ZigBee protocol stack on TinyOS. , 2007, , .		44
36	RadiaLE: A framework for designing and assessing link quality estimators in wireless sensor networks. Ad Hoc Networks, 2011, 9, 1165-1185.	3.4	44

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37	Dual mode for vehicular platoon safety: Simulation and formal verification. Information Sciences, 2017, 402, 216-232.	4.0	44
38	MAVSec: Securing the MAVLink Protocol for Ardupilot/PX4 Unmanned Aerial Systems. , 2019, , .		43
39	Automated sheep facial expression classification using deep transfer learning. Computers and Electronics in Agriculture, 2020, 175, 105528.	3.7	43
40	Design and performance analysis of global path planning techniques for autonomous mobile robots in grid environments. International Journal of Advanced Robotic Systems, 2017, 14, 172988141666366.	1.3	41
41	Global path planning for mobile robots in large-scale grid environments using genetic algorithms. , 2013, , .		40
42	Vehicle Detection from Aerial Images Using Deep Learning: A Comparative Study. Electronics (Switzerland), 2021, 10, 820.	1.8	40
43	Smart Palm: An IoT Framework for Red Palm Weevil Early Detection. Agronomy, 2020, 10, 987.	1.3	39
44	Deep learning based detection of COVID-19 from chest X-ray images. Multimedia Tools and Applications, 2021, 80, 31803-31820.	2.6	38
45	smartPATH: A hybrid ACO-GA algorithm for robot path planning. , 2012, , .		37
46	DeepBrain: Experimental Evaluation of Cloud-Based Computation Offloading and Edge Computing in the Internet-of-Drones for Deep Learning Applications. Sensors, 2020, 20, 5240.	2.1	37
47	SmartPATH: An Efficient Hybrid ACO-GA Algorithm for Solving the Global Path Planning Problem of Mobile Robots. International Journal of Advanced Robotic Systems, 2014, 11, 94.	1.3	36
48	Dimensioning and worst-case analysis of cluster-tree sensor networks. ACM Transactions on Sensor Networks, 2010, 7, 1-47.	2.3	34
49	A Distributed Market-based Algorithm for the Multi-robot Assignment Problem. Procedia Computer Science, 2014, 32, 1108-1114.	1.2	34
50	Fusion of convolutional neural networks based on Dempster–Shafer theory for automatic pneumonia detection from chest X–ray images. International Journal of Imaging Systems and Technology, 2022, 32, 658-672.	2.7	34
51	Reliable and Fast Hand-Offs in Low-Power Wireless Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2620-2633.	3.9	33
52	RiSeG: a ring based secure group communication protocol for resource-constrained wireless sensor networks. Personal and Ubiquitous Computing, 2011, 15, 783-797.	1.9	32
53	PetroBlock: A Blockchain-Based Payment Mechanism for Fueling Smart Vehicles. Applied Sciences (Switzerland), 2021, 11, 3055.	1.3	32
54	Disturbance-Rejection-Based Optimized Robust Adaptive Controllers for UAVs. IEEE Systems Journal, 2021, 15, 3097-3108.	2.9	32

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55	Deep-Learning-Based Automated Palm Tree Counting and Geolocation in Large Farms from Aerial Geotagged Images. Agronomy, 2021, 11, 1458.	1.3	32
56	Citation Intent Classification Using Word Embedding. IEEE Access, 2021, 9, 9982-9995.	2.6	32
57	Switched Ethernet for real-time industrial communication: modelling and message buffering delay evaluation. , 0, , .		31
58	Evaluation and improvement of response time bounds for real-time applications under non-pre-emptive Fixed Priority Scheduling. International Journal of Production Research, 2004, 42, 2899-2913.	4.9	31
59	Data-Efficient Domain Adaptation for Semantic Segmentation of Aerial Imagery Using Generative Adversarial Networks. Applied Sciences (Switzerland), 2020, 10, 1092.	1.3	31
60	Semantic Segmentation and Edge Detection—Approach to Road Detection in Very High Resolution Satellite Images. Remote Sensing, 2022, 14, 613.	1.8	31
61	COVID-19 Diagnosis in Chest X-rays Using Deep Learning and Majority Voting. Applied Sciences (Switzerland), 2021, 11, 2884.	1.3	30
62	A lightweight user authentication scheme for Wireless Sensor Networks. , 2010, , .		29
63	ROSLink: Bridging ROS with the Internet-of-Things for Cloud Robotics. Studies in Computational Intelligence, 2017, , 265-283.	0.7	27
64	EasyLoc: RSS-Based Localization Made Easy. Procedia Computer Science, 2012, 10, 1127-1133.	1.2	26
65	Turtlebot at Office: A Service-Oriented Software Architecture for Personal Assistant Robots Using ROS. , 2016, , .		26
66	Robot Path Planning and Cooperation. Studies in Computational Intelligence, 2018, , .	0.7	26
67	A Cloud Based Disaster Management System. Journal of Sensor and Actuator Networks, 2020, 9, 6.	2.3	26
68	Smart-HOP: A Reliable Handoff Mechanism for Mobile Wireless Sensor Networks. Lecture Notes in Computer Science, 2012, , 131-146.	1.0	25
69	A survey on COVID-19 impact in the healthcare domain: worldwide market implementation, applications, security and privacy issues, challenges and future prospects. Complex & Intelligent Systems, 2023, 9, 1027-1058.	4.0	25
70	Cloud Versus Edge Deployment Strategies of Real-Time Face Recognition Inference. IEEE Transactions on Network Science and Engineering, 2022, 9, 143-160.	4.1	24
71	Performance evaluation of vehicular platoons using Webots. IET Intelligent Transport Systems, 2017, 11, 441-449.	1.7	23
72	On the Adequacy of Tabu Search for Global Robot Path Planning Problem in Grid Environments. Procedia Computer Science, 2014, 32, 604-613.	1.2	22

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#	ARTICLE	IF	CITATIONS
73	LNT: A logical neighbor tree secure group communication scheme for wireless sensor networks. Ad Hoc Networks, 2012, 10, 1419-1444.	3.4	21
74	Smart Route: Internet-of-Vehicles (IoV)-Based Congestion Detection and Avoidance (IoV-Based CDA) Using Rerouting Planning. Applied Sciences (Switzerland), 2020, 10, 4541.	1.3	21
75	Energy and delay trade-off of the GTS allocation mechanism in IEEE 802.15.4 for wireless sensor networks. International Journal of Communication Systems, 2007, 20, 791-808.	1.6	18
76	Five Traits of Performance Enhancement Using Cloud Robotics: A Survey. Procedia Computer Science, 2014, 37, 220-227.	1.2	18
77	BlockLoc: Secure Localization in the Internet of Things using Blockchain. , 2019, , .		18
78	ModPSO-CNN: an evolutionary convolution neural network with application to visual recognition. Soft Computing, 2021, 25, 2165-2176.	2.1	18
79	Introduction to Mobile Robot Path Planning. Studies in Computational Intelligence, 2018, , 3-12.	0.7	18
80	Real-Time Communications Over Cluster-Tree Sensor Networks with Mobile Sink Behaviour. , 2008, , .		17
81	SeGCom: A secure group communication mechanism in cluster-tree wireless sensor networks. , 2009, , .		17
82	Mobile fog computing security: A user-oriented smart attack defense strategy based on DQL. Computer Communications, 2020, 160, 790-798.	3.1	17
83	A Traffic Differentiation Add-On to the IEEE 802.15.4 Protocol: Implementation and Experimental Validation over a Real-Time Operating system. , 2010, , .		16
84	Multi-Agent Adaptive Architecture for Flexible Distributed Real-Time Systems. IEEE Access, 2018, 6, 23152-23171.	2.6	16
85	TAU: A framework for video-based traffic analytics leveraging artificial intelligence and unmanned aerial systems. Engineering Applications of Artificial Intelligence, 2022, 114, 105095.	4.3	16
86	On Energy Efficiency and Performance Evaluation of Single Board Computer Based Clusters: A Hadoop Case Study. Electronics (Switzerland), 2019, 8, 182.	1.8	15
87	COPADRIVe - A Realistic Simulation Framework for Cooperative Autonomous Driving Applications. , 2019, , .		15
88	Street-centric routing scheme using ant colony optimization-based clustering for bus-based vehicular ad-hoc network. Computers and Electrical Engineering, 2020, 86, 106736.	3.0	15
89	Activity Monitoring of Islamic Prayer (Salat) Postures using Deep Learning. , 2020, , .		15
90	A Connectivity-Based Clustering Scheme for Intelligent Vehicles. Applied Sciences (Switzerland), 2021, 11, 2413.	1.3	15

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91	Z-Cast: A Multicast Routing Mechanism in ZigBee Cluster-Tree Wireless Sensor Networks. , 2010, , .		14
92	Move and improve: A distributed multi-robot coordination approach for multiple depots multiple travelling salesmen problem. , 2014, , .		14
93	Z-Monitor: A protocol analyzer for IEEE 802.15.4-based low-power wireless networks. Computer Networks, 2016, 95, 77-96.	3.2	14
94	Move and Improve: a Market-Based Mechanism for the Multiple Depot Multiple Travelling Salesmen Problem. Journal of Intelligent and Robotic Systems: Theory and Applications, 2017, 85, 307-330.	2.0	14
95	Adaptive Fuzzy Type-2 Fractional Order Proportional Integral Derivative Sliding Mode Controller for Trajectory Tracking of Robotic Manipulators. , 2020, , .		14
96	COROS: A Multi-Agent Software Architecture for Cooperative and Autonomous Service Robots. Studies in Computational Intelligence, 2015, , 3-30.	0.7	14
97	Backstepping H-Infinity Control of Unmanned Aerial Vehicles with Time Varying Disturbances. , 2020, , .		14
98	A testbed for the evaluation of link quality estimators in wireless sensor networks. , 2010, , .		13
99	Performance of a Low Cost Hadoop Cluster for Image Analysis in Cloud Robotics Environment. Procedia Computer Science, 2016, 82, 90-98.	1.2	13
100	Worst-case bound analysis for the time-critical MAC behaviors of IEEE 802.15.4e. , 2017, , .		13
101	Dynamic Multi-Objective Auction-Based (DYMO-Auction) Task Allocation. Applied Sciences (Switzerland), 2020, 10, 3264.	1.3	13
102	External Radio Interference. Springer Briefs in Electrical and Computer Engineering, 2013, , 21-63.	0.3	13
103	On a IEEE 802.15.4/ZigBee to IEEE 802.11 gateway for the ART-WiSe architecture. , 2007, , .		12
104	Taxonomy of Fundamental Concepts of Localization in Cyber-Physical and Sensor Networks. Wireless Personal Communications, 2013, 72, 461-507.	1.8	12
105	Improved Dominance Soft Set Based Decision Rules with Pruning for Leukemia Image Classification. Electronics (Switzerland), 2020, 9, 794.	1.8	12
106	Time Sensitive IEEE 802.15.4 Protocol. , 2007, , 19-49.		11
107	On Feasibility of Multichannel Reconfigurable Wireless Sensor Networks Under Real-Time and Energy Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-16.	5.9	10
108	Intelligent Fog-Enabled Smart Healthcare System for Wearable Physiological Parameter Detection. Electronics (Switzerland), 2020, 9, 2015.	1.8	10

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109	A smart energyâ€based source location privacy preservation model for Internet of Thingsâ€based vehicular ad hoc networks. Transactions on Emerging Telecommunications Technologies, 2020, , .	2.6	10
110	A Quadral-Fuzzy Control Approach to Flight Formation by a Fleet of Unmanned Aerial Vehicles. IEEE Access, 2020, 8, 64366-64381.	2.6	10
111	Towards a Cooperative Robotic Platooning Testbed. , 2020, , .		10
112	Adapted Fuzzy Fractional Order proportional-integral controller for DC Motor. , 2020, , .		10
113	Raspberry Pi Assisted Safety System for Elderly People: An Application of Smart Home. , 2020, , .		10
114	Graceful degradation of loss-tolerant QoS using (m,k)-firm constraints in guaranteed rate networks. Computer Communications, 2005, 28, 1393-1409.	3.1	9
115	RiSeG: A logical ring based secure group communication protocol for Wireless Sensor Networks. , 2010, , .		9
116	Z-Monitor: Monitoring and analyzing IEEE 802.15.4-based Wireless Sensor Networks. , 2011, , .		9
117	Coordination in a multi-robot surveillance application using Wireless Sensor Networks. , 2012, , .		9
118	A Clustering Market-Based Approach for Multi-robot Emergency Response Applications. , 2016, , .		9
119	An analytical hierarchy process-based approach to solve the multi-objective multiple traveling salesman problem. Intelligent Service Robotics, 2018, 11, 355-369.	1.6	9
120	DynaMOâ€"Dynamic Multisuperframe Tuning for Adaptive IEEE 802.15.4e DSME Networks. IEEE Access, 2019, 7, 122522-122535.	2.6	9
121	Symphony. ACM SIGBED Review, 2020, 16, 26-31.	1.8	9
122	Towards a Distributed Computation Offloading Architecture for Cloud Robotics. , 2019, , .		7
123	Rough Set Based Ant-Lion Optimizer for Feature Selection. , 2020, , .		7
124	Event-driven programming-based path planning and navigation of UAVs around a complex urban environment. , 2021, , 531-565.		7
125	Mental Health Intent Recognition for Arabic-Speaking Patients Using the Mini International Neuropsychiatric Interview (MINI) and BERT Model. Sensors, 2022, 22, 846.	2.1	7
126	A Pragmatic Ensemble Strategy for Missing Values Imputation in Health Records. Entropy, 2022, 24, 533.	1.1	7

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127	LNT: a Logical Neighbor Tree for Secure Group Management in Wireless Sensor Networks. Procedia Computer Science, 2011, 5, 198-207.	1.2	6
128	A Commodity SBC-Edge Cluster for Smart Cities. , 2019, , .		6
129	Towards a Realistic Simulation Framework for Vehicular Platooning Applications. , 2019, , .		6
130	CopaDrive: An Integrated ROS Cooperative Driving Test and Validation Framework. Studies in Computational Intelligence, 2021, , 121-174.	0.7	6
131	Smart Transportation in Developing Countries: An Internet-of-Things-Based Conceptual Framework for Traffic Control. Wireless Communications and Mobile Computing, 2022, 2022, 1-11.	0.8	6
132	An empirical analysis of the impact of RSS to distance mapping on localization in WSNs. , 2012, , .		5
133	Analytical Hierarchy Process based Multi-objective Multiple Traveling Salesman Problem. , 2016, , .		5
134	Decoupled Lateral-Longitudinal Dynamic Modeling and Control of Unmanned Aerial Vehicles. , 2021, , .		5
135	On Performance of Commodity Single Board Computer-Based Clusters: A Big Data Perspective. EAI/Springer Innovations in Communication and Computing, 2020, , 349-375.	0.9	5
136	Adaptive Terminal-Integral Sliding Mode Force Control of Elastic Joint Robot Manipulators in the Presence of Hysteresis. Advances in Intelligent Systems and Computing, 2020, , 266-276.	0.5	5
137	QCOF: New RPL Extension for QoS and Congestion-Aware in Low Power and Lossy Network. , 2019, , .		5
138	A Microscopic Platoon Stability Model Using Vehicle-to-Vehicle Communication. Electronics (Switzerland), 2022, 11, 1994.	1.8	5
139	H-NAMe: A Hidden-Node Avoidance Mechanism for Wireless Sensor Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 10-19.	0.4	4
140	EasyLoc: Plug-and-Play RSS-Based Localization in Wireless Sensor Networks. Studies in Computational Intelligence, 2014, , 77-98.	0.7	4
141	On the robot path planning using cloud computing for large grid maps. , 2018, , .		4
142	SmartFlow: An Adaptive Congestion Avoidance Protocol for Smart Transportation Systems. , 2020, , .		4
143	Adaptive fuzzy model-free control for 3D trajectory tracking of quadrotor. International Journal of Mechatronics and Automation, 2020, 7, 134.	0.1	4
144	A Comprehensive Evaluation of Metadata-Based Features to Classify Research Paper's Topics. IEEE Access, 2021, 9, 133500-133509.	2.6	4

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145	DeepSpatial: Intelligent Spatial Sensor to Perception of Things. IEEE Sensors Journal, 2021, 21, 3966-3976.	2.4	4
146	ROS Web Services: A Tutorial. Studies in Computational Intelligence, 2016, , 463-490.	0.7	4
147	Adaptive Integral Sliding Mode Force Control of Robotic Manipulators with Parametric Uncertainties and Time-Varying Loads. , 2020, , .		4
148	Writing Global Path Planners Plugins in ROS: A Tutorial. Studies in Computational Intelligence, 2016, , 73-97.	0.7	4
149	DriftNet: Aggressive Driving Behaviour Detection using 3D Convolutional Neural Networks. , 2020, , .		4
150	Dynamic computation offloading for ground and flying robots: Taxonomy, state of art, and future directions. Computer Science Review, 2022, 45, 100488.	10.2	4
151	Control and data channels allocation for Large-Scale UWB-based WSNs. , 2009, , .		3
152	A prioritized multi-channel multi-time slot MAC protocol for large-scale wireless sensor networks. , 2009, , .		3
153	Energy Evaluation of PMCMTP for Large-Scale Wireless Sensor Networks. , 2010, , .		3
154	Poster Abstract: An Efficient Approach to Multisuperframe Tuning for DSME Networks. , 2018, , .		3
155	AI-based Pilgrim Detection using Convolutional Neural Networks. , 2020, , .		3
156	Robust Decentralized Asynchronous Control of Unmanned Aerial Vehicles Swarm with Fast Convergence SwitchingÂTopology. Advances in Intelligent Systems and Computing, 2021, , 662-673.	0.5	3
157	Lagrangian Dynamic Model Derivation and Energy Shaping Control ofÂNon-holonomic Unmanned Aerial Vehicles. Advances in Intelligent Systems and Computing, 2021, , 483-493.	0.5	3
158	An Integrated Lateral and Longitudinal Look Ahead Controller for Cooperative Vehicular Platooning. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 142-159.	0.2	3
159	Dynamic Integral PID Sliding Mode Attitude-Position Control of Unmanned Aerial Vehicles. Advances in Intelligent Systems and Computing, 2021, , 651-661.	0.5	3
160	Wild Animal Information Collection Based on Depthwise Separable Convolution in Software Defined IoT Networks. Electronics (Switzerland), 2021, 10, 2091.	1.8	3
161	An Enhanced Randomly Initialized Convolutional Neural Network for Columnar Cactus Recognition in Unmanned Aerial Vehicle imagery. Procedia Computer Science, 2021, 192, 573-581.	1.2	3
162	Joint Duty Cycle Scheduling, Resource Allocation and Multi-constrained QoS Routing Algorithm. Lecture Notes in Computer Science, 2011, , 29-43.	1.0	3

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163	DynaMO. ACM SIGBED Review, 2020, 16, 8-13.	1.8	3
164	GLOBAL ROBOT PATH PLANNING USING GA FOR LARGE GRID MAPS: MODELLING, PERFORMANCE AND EXPERIMENTATION. International Journal of Robotics and Automation, 2016, 31, .	0.1	3
165	Avoiding Forwarding Loop Across Multiple Domains Without Controller Synchronization in SDN. , 2020, , .		3
166	Improving the Performance of Cooperative Platooning With Restricted Message Trigger Thresholds. IEEE Access, 2022, 10, 45562-45575.	2.6	3
167	Challenges and trends in wireless ubiquitous computing systems. Personal and Ubiquitous Computing, 2011, 15, 781-782.	1.9	2
168	Poster Abstract: Towards Worst-Case Bounds Analysis of the IEEE 802.15.4e. , 2016, , .		2
169	Finite Element Euler-Lagrange Dynamic Modeling and Passivity Based Control of Flexible Link Robot. Advances in Intelligent Systems and Computing, 2021, , 451-462.	0.5	2
170	Robust fractional-order sliding mode control design for UAVs subjected to atmospheric disturbances. , 2021, , 103-128.		2
171	A Lightweight and Secure Framework for Hybrid Cloud Based EHR Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 197-206.	0.2	2
172	Fast terminal sliding mode controller for high speed and complex maneuvering of unmanned aerial vehicles. , 2021, , 203-230.		1
173	Sliding mode controller design for unmanned aerial vehicles with unmodeled polytopic dynamics. , 2021, , 495-519.		1
174	Amendments to the IEEE 802.15.4 Protocol. Springer Briefs in Electrical and Computer Engineering, 2013, , 85-112.	0.3	1
175	Indoor Surveillance Application using Wireless Robots and Sensor Networks. Advances in Computational Intelligence and Robotics Book Series, 2013, , 19-57.	0.4	1
176	Overview of Link Quality Estimation. Springer Briefs in Electrical and Computer Engineering, 2013, , 65-86.	0.3	1
177	General Background on Multi-robot Task Allocation. Studies in Computational Intelligence, 2018, , 129-144.	0.7	1
178	Service-Oriented Computing in Robotic. , 2020, , 1-12.		1
179	Multi-objective Computation Offloading for Cloud Robotics using NSGA-II. , 2021, , .		1
180	Attacks and improvement of “security enhancement for a dynamic id-based remote user authentication scheme”. , 2009, , .		0

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181	Pmcmtp's Implementation (in nesC/TinyOS2.x) and Testbed for Its Operation Validation. , 2011, , .		0
182	Amendments to the ZigBee Protocol. Springer Briefs in Electrical and Computer Engineering, 2013, , 113-134.	0.3	0
183	On the Use of Link Quality Estimation for Improving Higher Layer Protocols and Mechanisms. Springer Briefs in Electrical and Computer Engineering, 2013, , 117-145.	0.3	0
184	APEnergy: Application Profile-Based Energy-Efficient Framework for SaaS Clouds. , 2018, , .		0
185	Environmental Monitoring. Springer Briefs in Electrical and Computer Engineering, 2013, , 143-158.	0.3	0
186	Performance Analysis and Network Dimensioning. Springer Briefs in Electrical and Computer Engineering, 2013, , 65-82.	0.3	0
187	Characteristics of Low-Power Links. Springer Briefs in Electrical and Computer Engineering, 2013, , 1-20.	0.3	0
188	Performance Analysis of the MRTA Approaches for Autonomous Mobile Robot. Studies in Computational Intelligence, 2018, , 169-188.	0.7	0
189	Power Efficiency of a SBC Based Hadoop Cluster. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 52-60.	0.2	0
190	Different Approaches to Solve the MRTA Problem. Studies in Computational Intelligence, 2018, , 145-168.	0.7	0
191	Adaptive fuzzy model-free control for 3D trajectory tracking of quadrotor. International Journal of Mechatronics and Automation, 2020, 7, 134.	0.1	0
192	Indoor Surveillance Application using Wireless Robots and Sensor Networks. , 0, , 838-875.		0
193	POSTER: Human-Robot Interaction: A Myo Armband Using EMG and IMU Signals. , 2020, , .		0