

Rashid Amin

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,633
citations

279798

23
h-index

315739

38
g-index

67
all docs

67
docs citations

67
times ranked

1576
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloud-based email phishing attack using machine and deep learning algorithm. <i>Complex & Intelligent Systems</i> , 2023, 9, 3043-3070.	6.5	22
2	Hybrid algorithms for brain tumor segmentation, classification and feature extraction. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2022, 13, 2763-2784.	4.9	15
3	Network Policies in Software Defined Internet of Everything. <i>Internet of Things</i> , 2022, , 79-96.	1.7	1
4	Machine Learning Techniques for Spam Detection in Email and IoT Platforms: Analysis and Research Challenges. <i>Security and Communication Networks</i> , 2022, 2022, 1-19.	1.5	42
5	An Architecture of IoT-Aware Healthcare Smart System by Leveraging Machine Learning. <i>International Arab Journal of Information Technology</i> , 2022, 19, .	0.7	6
6	A machine learning approach for non-invasive fall detection using Kinect. <i>Multimedia Tools and Applications</i> , 2022, 81, 15491-15519.	3.9	13
7	Classification of COVID-19 and Influenza Patients Using Deep Learning. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-11.	0.8	12
8	Cloud computing platform: Performance analysis of prominent cryptographic algorithms. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, .	2.2	5
9	A Novel and Effective Brain Tumor Classification Model Using Deep Feature Fusion and Famous Machine Learning Classifiers. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-15.	1.7	31
10	Machine Learning Algorithms for Depression: Diagnosis, Insights, and Research Directions. <i>Electronics (Switzerland)</i> , 2022, 11, 1111.	3.1	36
11	Lightweight Challenge-Response Authentication in SDN-Based UAVs Using Elliptic Curve Cryptography. <i>Electronics (Switzerland)</i> , 2022, 11, 1026.	3.1	14
12	Stress-Relieving Video Game and Its Effects: A POMS Case Study. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-11.	1.7	9
13	Digital Forensics for Malware Classification: An Approach for Binary Code to Pixel Vector Transition. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-12.	1.7	5
14	Healthcare Techniques Through Deep Learning: Issues, Challenges and Opportunities. <i>IEEE Access</i> , 2021, 9, 98523-98541.	4.2	27
15	Recent Advances in Biopolymeric Composite Materials for Tissue Engineering and Regenerative Medicines: A Review. <i>Molecules</i> , 2021, 26, 619.	3.8	48
16	A Survey on Machine Learning Techniques for Routing Optimization in SDN. <i>IEEE Access</i> , 2021, 9, 104582-104611.	4.2	49
17	Synthesis and Characterization of Silver-Coated Polymeric Scaffolds for Bone Tissue Engineering: Antibacterial and In Vitro Evaluation of Cytotoxicity and Biocompatibility. <i>ACS Omega</i> , 2021, 6, 4335-4346.	3.5	44
18	Waste to health: A review of waste derived materials for tissue engineering. <i>Journal of Cleaner Production</i> , 2021, 290, 125792.	9.3	38

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19	Development of Biopolymeric Hybrid Scaffold-Based on AAc/GO/nHAp/TiO ₂ Nanocomposite for Bone Tissue Engineering: In-Vitro Analysis. <i>Nanomaterials</i> , 2021, 11, 1319.	4.1	37
20	Smart home security: challenges, issues and solutions at different IoT layers. <i>Journal of Supercomputing</i> , 2021, 77, 14053-14089.	3.6	79
21	A novel mechanism to handle address spoofing attacks in SDN based IoT. <i>Cluster Computing</i> , 2021, 24, 3011-3026.	5.0	24
22	A Robust Image Encrypted Watermarking Technique for Neurodegenerative Disorder Diagnosis and Its Applications. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-14.	1.3	12
23	Antibacterial and Hemocompatible pH-Responsive Hydrogel for Skin Wound Healing Application: In Vitro Drug Release. <i>Polymers</i> , 2021, 13, 3703.	4.5	44
24	Reliability Aware Multiple Path Installation in Software-Defined Networking. <i>Electronics (Switzerland)</i> , 2021, 10, 2820.	3.1	2
25	Development and <i>in vitro</i> evaluation of χ -carrageenan based polymeric hybrid nanocomposite scaffolds for bone tissue engineering. <i>RSC Advances</i> , 2020, 10, 40529-40542.	3.6	47
26	A Review of Machine Learning Algorithms for Cloud Computing Security. <i>Electronics (Switzerland)</i> , 2020, 9, 1379.	3.1	72
27	Development of Polymeric Nanocomposite (Xyloglucan-co-Methacrylic Acid/Hydroxyapatite/SiO ₂) Scaffold for Bone Tissue Engineering Applications—In-Vitro Antibacterial, Cytotoxicity and Cell Culture Evaluation. <i>Polymers</i> , 2020, 12, 1238.	4.5	33
28	Synthesis of Silver-Coated Bioactive Nanocomposite Scaffolds Based on Grafted Beta-Glucan/Hydroxyapatite via Freeze-Drying Method: Anti-Microbial and Biocompatibility Evaluation for Bone Tissue Engineering. <i>Materials</i> , 2020, 13, 971.	2.9	46
29	An Efficient Mechanism for Product Data Extraction from E-Commerce Websites. <i>Computers, Materials and Continua</i> , 2020, 65, 2639-2663.	1.9	6
30	Edge-Computing with Graph Computation: A Novel Mechanism to Handle Network Intrusion and Address Spoofing in SDN. <i>Computers, Materials and Continua</i> , 2020, 65, 1869-1890.	1.9	4
31	Deep Learning based Intelligent Surveillance System. <i>International Journal of Advanced Computer Science and Applications</i> , 2020, 11, .	0.7	3
32	Enforcing Optimal ACL Policies Using K-Partite Graph in Hybrid SDN. <i>Electronics (Switzerland)</i> , 2019, 8, 604.	3.1	16
33	Adaptive Thermal-Aware Routing Protocol for Wireless Body Area Network. <i>Electronics (Switzerland)</i> , 2019, 8, 47.	3.1	68
34	Malicious Cluster Head Detection Mechanism in Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2019, 108, 2117-2135.	2.7	12
35	Simultaneous Stream Transmission Methods for Free Viewpoint TV: A Comparative Study. <i>International Journal of Advanced Computer Science and Applications</i> , 2019, 10, .	0.7	0
36	Hybrid SDN Networks: A Survey of Existing Approaches. <i>IEEE Communications Surveys and Tutorials</i> , 2018, 20, 3259-3306.	39.4	236

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37	Mitigating Address Spoofing Attacks in Hybrid SDN. International Journal of Advanced Computer Science and Applications, 2017, 8, .	0.7	6
38	Auto-Configuration of ACL Policy in Case of Topology Change in Hybrid SDN. IEEE Access, 2016, 4, 9437-9450.	4.2	18
39	Growth and Detachment of 5 Helix DNA Ribbons. Journal of Nanoscience and Nanotechnology, 2016, 16, 4126-4130.	0.9	0
40	Coverage percentage and raman measurement of cross-tile and scaffold cross-tile based DNA nanostructures. Colloids and Surfaces B: Biointerfaces, 2015, 135, 677-681.	5.0	6
41	Graphene based fiber optic surface plasmon resonance for bio-chemical sensor applications. Sensors and Actuators B: Chemical, 2013, 187, 426-433.	7.8	123
42	Phenolic acid content, antioxidant properties, and antibacterial potential of flowers and fruits from selected Pakistani indigenous medicinal plants. ScienceAsia, 2013, 39, 340.	0.5	8
43	Quantitative analysis of molecular-level DNA crystal growth on a 2D surface. Scientific Reports, 2013, 3, 2115.	3.3	24
44	Evaluation of Multi-Layered Graphene Surface Plasmon Resonance-Based Transmission Type Fiber Optic Sensor. Journal of Nanoscience and Nanotechnology, 2012, 12, 5381-5385.	0.9	9
45	A Novel Method for Large Area Graphene Transfer on the Polymer Optical Fiber. Journal of Nanoscience and Nanotechnology, 2012, 12, 3918-3921.	0.9	3
46	Graphene-Based Waveguides: Novel Method for Detecting Biological Activity. Applied Biochemistry and Biotechnology, 2012, 167, 1069-1075.	2.9	15
47	The label free DNA sensor using a silicon nanowire array. Journal of Biotechnology, 2012, 160, 91-96.	3.8	25
48	The restoration of DNA structures by the dry-wet method. Soft Matter, 2012, 8, 619-622.	2.7	6
49	Fabrication of zigzag and folded DNA nanostructures by an angle control scheme. Soft Matter, 2012, 8, 44-47.	2.7	8
50	Size-Controllable DNA Rings with Copper-Ion Modification. Small, 2012, 8, 374-377.	10.0	22
51	NMR Studies of Artificial Double-Crossover DNA Tiles. Journal of Nanoscience and Nanotechnology, 2012, 12, 2300-2310.	0.9	0
52	Photoresistivity and optical switching of graphene with DNA lattices. Current Applied Physics, 2012, 12, 623-627.	2.4	4
53	Electrophoretic deposition of PVA coated hydroxyapatite on 316L stainless steel. Current Applied Physics, 2012, 12, 755-759.	2.4	38
54	DNA thin film coated optical fiber biosensor. Current Applied Physics, 2012, 12, 841-845.	2.4	18

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55	Growth and restoration of a T-tile-based 1D DNA nanotrack. <i>Chemical Communications</i> , 2011, 47, 11053.	4.1	17
56	NANOBIOTECHNOLOGY: AN INTERFACE BETWEEN NANOTECHNOLOGY AND BIOTECHNOLOGY. <i>Nano</i> , 2011, 06, 101-111.	1.0	30
57	A two-dimensional DNA lattice implanted polymer solar cell. <i>Nanotechnology</i> , 2011, 22, 375202.	2.6	35
58	Artificial DNA Lattice Fabrication by Noncomplementarity and Geometrical Incompatibility. <i>ACS Nano</i> , 2011, 5, 5175-5179.	14.6	8
59	Spectroscopic properties of artificial DNA nanostructures. <i>Current Applied Physics</i> , 2011, 11, 1233-1236.	2.4	2
60	Intrinsic DNA curvature of double-crossover tiles. <i>Nanotechnology</i> , 2011, 22, 245706.	2.6	10
61	<i>IN VITRO</i> THROMBIN DOSE RESPONSE ON MADIN DARBY CANINE KIDNEY CELL MONOLAYER. <i>Nano</i> , 2011, 06, 333-336.	1.0	0
62	Analyzing performance of ad hoc network mobility models in a peer-to-peer network application over mobile ad hoc network. , 2010, , .		6
63	ARTIFICIALLY DESIGNED DNA NANOSTRUCTURES. <i>Nano</i> , 2009, 04, 119-139.	1.0	20
64	Permeability of an In Vitro Model of Blood Brain Barrier (BBB). <i>IFMBE Proceedings</i> , 2009, , 81-84.	0.3	4
65	A Multi-Stakeholder Involved Effective E-Waste Management in Manufacturing Recycled Electronic Products Using Game Theory. <i>Arabian Journal for Science and Engineering</i> , 0, , 1.	3.0	2