

# Imran

## List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/5361674/publications.pdf](https://exaly.com/author-pdf/5361674/publications.pdf)

Version: 2024-02-01

25  
papers

840  
citations

482844

16  
h-index

591784

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

978  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Challenges and Solutions of IoT in Smart Grids Using AI and Machine Learning Techniques: A Review. <i>Electronics (Switzerland)</i> , 2023, 12, 242.	3.2	47
2	Role of Zoning in Facial Expression Using Deep Learning. <i>IEEE Access</i> , 2023, 11, 16493-16508.	4.4	16
3	Classification of Highly Divergent Viruses from DNA/RNA Sequence Using Transformer-Based Models. <i>Biomedicines</i> , 2023, 11, 1323.	3.3	1
4	IoT Task Management Mechanism Based on Predictive Optimization for Efficient Energy Consumption in Smart Residential Buildings. <i>Energy and Buildings</i> , 2022, 257, 111762.	6.8	57
5	A Survey of Datasets, Preprocessing, Modeling Mechanisms, and Simulation Tools Based on AI for Material Analysis and Discovery. <i>Materials</i> , 2022, 15, 1428.	3.0	8
6	Enhanced time-constraint aware tasks scheduling mechanism based on predictive optimization for efficient load balancing in smart manufacturing. <i>Journal of Manufacturing Systems</i> , 2022, 64, 19-39.	14.4	12
7	Towards Secure and Intelligent Internet of Health Things: A Survey of Enabling Technologies and Applications. <i>Electronics (Switzerland)</i> , 2022, 11, 1893.	3.2	31
8	Test Suite Prioritization Based on Optimization Approach Using Reinforcement Learning. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6772.	2.6	6
9	A Conceptual Model of Factors Influencing Customer Relationship Management in Global Software Development: A Client Perspective. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7851.	2.6	3
10	Blockchain-Based Software Effort Estimation: An Empirical Study. <i>IEEE Access</i> , 2022, 10, 120412-120425.	4.4	3
11	Peer-to-Peer Energy Trading Mechanism Based on Blockchain and Machine Learning for Sustainable Electrical Power Supply in Smart Grid. <i>IEEE Access</i> , 2021, 9, 39193-39217.	4.4	147
12	Towards Mountain Fire Safety Using Fire Spread Predictive Analytics and Mountain Fire Containment in IoT Environment. <i>Sustainability</i> , 2021, 13, 2461.	3.3	21
13	Health Monitoring System for Elderly Patients Using Intelligent Task Mapping Mechanism in Closed Loop Healthcare Environment. <i>Symmetry</i> , 2021, 13, 357.	2.3	44
14	A task orchestration approach for efficient mountain fire detection based on microservice and predictive analysis in IoT environment. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 40, 5681-5696.	1.6	14
15	A Topical Review on Machine Learning, Software Defined Networking, Internet of Things Applications: Research Limitations and Challenges. <i>Electronics (Switzerland)</i> , 2021, 10, 880.	3.2	56
16	A Scheduling Mechanism Based on Optimization Using IoT-Tasks Orchestration for Efficient Patient Health Monitoring. <i>Sensors</i> , 2021, 21, 5430.	4.0	29
17	An Ensemble of Prediction and Learning Mechanism for Improving Accuracy of Anomaly Detection in Network Intrusion Environments. <i>Sustainability</i> , 2021, 13, 10057.	3.3	40
18	Comprehensive Survey of IoT, Machine Learning, and Blockchain for Health Care Applications: A Topical Assessment for Pandemic Preparedness, Challenges, and Solutions. <i>Electronics (Switzerland)</i> , 2021, 10, 2501.	3.2	37

#	ARTICLE	IF	CITATIONS
19	Energy Consumption Optimization and User Comfort Maximization in Smart Buildings Using a Hybrid of the Firefly and Genetic Algorithms. <i>Energies</i> , 2020, 13, 4363.	3.2	40
20	Optimal Policy-Making for Municipal Waste Management Based on Predictive Model Optimization. <i>IEEE Access</i> , 2020, 8, 218458-218469.	4.4	29
21	Optimal Route Recommendation for Waste Carrier Vehicles for Efficient Waste Collection: A Step Forward Towards Sustainable Cities. <i>IEEE Access</i> , 2020, 8, 77875-77887.	4.4	58
22	Quantum GIS Based Descriptive and Predictive Data Analysis for Effective Planning of Waste Management. <i>IEEE Access</i> , 2020, 8, 46193-46205.	4.4	61
23	Design and Implementation of Thermal Comfort System based on Tasks Allocation Mechanism in Smart Homes. <i>Sustainability</i> , 2019, 11, 5849.	3.3	26
24	Antibiotic-Resistant Organisms Cultured from Atlantic Bottlenose Dolphins ( <i>Tursiops truncatus</i> ) Inhabiting Estuarine Waters of Charleston, SC and Indian River Lagoon, FL. <i>EcoHealth</i> , 2009, 6, 33-41.	2.0	53
25	Intelligent Material Data Preparation Mechanism Based on Ensemble Learning for Al <sub>2</sub> O <sub>3</sub> -Based Ceramic Material Analysis. <i>Advanced Theory and Simulations</i> , 0, , 2200517.	2.9	1