

Hyun-Cheol Seo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4005112/publications.pdf>

Version: 2024-02-01

19
papers

674
citations

933447

10
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploiting IoT and big data analytics: Defining Smart Digital City using real-time urban data. <i>Sustainable Cities and Society</i> , 2018, 40, 600-610.	10.4	258
2	IoT-Based Intelligent Modeling of Smart Home Environment for Fire Prevention and Safety. <i>Journal of Sensor and Actuator Networks</i> , 2018, 7, 11.	3.9	134
3	Real-time secure communication for Smart City in high-speed Big Data environment. <i>Future Generation Computer Systems</i> , 2018, 83, 638-652.	7.5	53
4	Comparative Analysis of Intelligent Transportation Systems for Sustainable Environment in Smart Cities. <i>Sustainability</i> , 2017, 9, 1120.	3.2	40
5	A data-driven fault detection and diagnosis scheme for air handling units in building HVAC systems considering undefined states. <i>Journal of Building Engineering</i> , 2021, 35, 102111.	3.4	34
6	Exploiting Small World Problems in a SloT Environment. <i>Energies</i> , 2018, 11, 2089.	3.1	25
7	Machine learning based approach for multimedia surveillance during fire emergencies. <i>Multimedia Tools and Applications</i> , 2020, 79, 16201-16217.	3.9	20
8	Digital Twin-Based Assessment Framework for Energy Savings in University Classroom Lighting. <i>Buildings</i> , 2022, 12, 544.	3.1	17
9	Advanced computing model for geosocial media using big data analytics. <i>Multimedia Tools and Applications</i> , 2017, 76, 24767-24787.	3.9	11
10	Determination of an acceptable comfort zone for apartment occupants in South Korea: An empirical analysis of cooling operation. <i>Building and Environment</i> , 2017, 125, 484-501.	6.9	11
11	A Hybrid Channel-Communication-Enabled CNN-LSTM Model for Electricity Load Forecasting. <i>Energies</i> , 2022, 15, 2263.	3.1	10
12	Realtime fire detection using CNN and search space navigation. <i>Journal of Real-Time Image Processing</i> , 2021, 18, 1331-1340.	3.5	8
13	Context-Aware Mobile Sensors for Sensing Discrete Events in Smart Environment. <i>Journal of Sensors</i> , 2016, 2016, 1-10.	1.1	7
14	Intelligent implementation of residential demand response using multiagent system and deep neural networks. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e6168.	2.2	7
15	Understanding Occupants' Thermal Sensitivity According to Solar Radiation in an Office Building with Glass Curtain Wall Structure. <i>Buildings</i> , 2022, 12, 58.	3.1	7
16	A new affinity matrix weighted k-nearest neighbors graph to improve spectral clustering accuracy. <i>PeerJ Computer Science</i> , 2021, 7, e692.	4.5	3
17	Elderly People Activity Recognition in Smart Grid Monitoring Environment. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-12.	1.1	3
18	Selecting Disaster Waste Transportation Routes to Reduce Overlapping of Transportation Routes after Floods. <i>Sustainability</i> , 2022, 14, 2866.	3.2	2

#	ARTICLE	IF	CITATIONS
19	Electric Vehicle Usage Pattern Analysis Using Nonnegative Matrix Factorization in Renewable EV-Smart Charging Grid Environment. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-9.	1.1	1