Sanghyuk Lee

List of Publications by Year
in descending order

28	208	1040056 9	1125743 13
papers	citations	h-index	g-index

29	29	29	217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EMG Pattern Classification by Split and Merge Deep Belief Network. Symmetry, 2016, 8, 148.	2.2	25
2	Decision Tree Application to Classification Problems with Boosting Algorithm. Electronics (Switzerland), 2021, 10, 1903.	3.1	23
3	Large-Scale Location-Aware Services in Access: Hierarchical Building/Floor Classification and Location Estimation Using Wi-Fi Fingerprinting Based on Deep Neural Networks. Fiber and Integrated Optics, 2018, 37, 277-289.	2.5	21
4	Design of Fuzzy Entropy for Non Convex Membership Function. Communications in Computer and Information Science, 2008, , 55-60.	0.5	15
5	Fault Detection of Aircraft System with Random Forest Algorithm and Similarity Measure. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	13
6	XJTLUIndoorLoc: A New Fingerprinting Database for Indoor Localization and Trajectory Estimation Based on Wi-Fi RSS and Geomagnetic Field. , 2018, , .		13
7	Simplified Neural Network Model Design with Sensitivity Analysis and Electricity Consumption Prediction in a Commercial Building. Energies, 2019, 12, 1201.	3.1	12
8	Analysis of qualityâ€ofâ€service aware orthogonal frequency division multiple access system considering energy efficiency. IET Communications, 2014, 8, 1947-1954.	2.2	11
9	Smart Image Enhancement Using CLAHE Based on an F-Shift Transformation during Decompression. Electronics (Switzerland), 2020, 9, 1374.	3.1	11
10	EEG Self-Adjusting Data Analysis Based on Optimized Sampling for Robot Control. Electronics (Switzerland), 2020, 9, 925.	3.1	10
11	A Soft Sensor-Based Fault-Tolerant Control on the Air Fuel Ratio of Spark-Ignition Engines. Energies, 2017, 10, 131.	3.1	7
12	Power Spectral Deviation-Based Voice Activity Detection Incorporating Teager Energy for Speech Enhancement. Symmetry, 2016, 8, 58.	2.2	6
13	Neural-Network-Based Building Energy Consumption Prediction with Training Data Generation. Processes, 2019, 7, 731.	2.8	6
14	Analysis of a Similarity Measure for Non-Overlapped Data. Symmetry, 2017, 9, 68.	2.2	5
15	Design of Wearable Radio Frequency Identification Antenna. Wireless Personal Communications, 2018, 98, 3059-3070.	2.7	5
16	Analysis of Public Complaints to Identify Priority Policy Areas: Evidence from a Satellite City around Seoul. Sustainability, 2019, 11, 6140.	3.2	5
17	Information Analysis of High-Dimensional Data and Applications. Mathematical Problems in Engineering, 2015, 2015, 1-2.	1.1	3
18	Optimal Message Bundling with Delay and Synchronization Constraints in Wireless Sensor Networks. Sensors, 2019, 19, 4027.	3.8	3

#	Article	IF	Citations
19	Investigation of Applicability of Impact Factors to Estimate Solar Irradiance: Comparative Analysis Using Machine Learning Algorithms. Applied Sciences (Switzerland), 2021, 11, 8533.	2.5	3
20	EEG-Based Driver Drowsiness Detection Using the Dynamic Time Dependency Method. Lecture Notes in Computer Science, 2019, , 39-47.	1.3	3
21	Gait Signal Analysis with Similarity Measure. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	2
22	Design Similarity Measure and Application to Fault Detection of Lateral Directional Mode Flight System. Lecture Notes in Computer Science, 2012, , 183-191.	1.3	2
23	An Optimized Self-adjusting Model for EEG Data Analysis in Online Education Processes. Lecture Notes in Computer Science, 2020, , 338-348.	1.3	2
24	Enhancement of two spatial steganography algorithms by using a chaotic system: Comparative analysis. , 2013, , .		1
25	Multistandard Receiver Design for Telemedicine Monitoring System. Journal of Sensors, 2018, 2018, 1-8.	1.1	0
26	EEG Signal Discrimination with Permutation Entropy. Lecture Notes in Computer Science, 2021, , 519-528.	1.3	0
27	Algorithms and Devices for Smart Processing Technology for Energy Saving. Mathematical Problems in Engineering, 2021, 2021, 1-2.	1.1	0
28	Smart Processing for Systems under Uncertainty or Perturbation. Electronics (Switzerland), 2022, 11, 680.	3.1	0