Hong-Yi Chang

List of Publications by Year
in descending order

31 papers	**252** citations	1163117 **8** h-index	1125743 **13** g-index
31 all docs	**31** docs citations	**31** times ranked	**262** citing authors

#	Article	IF	Citations
1	International Expansion Selection Model by Machine Learning—A Proprietary Model. Computer Journal, 2022, 65, 217-236.	2.4	1
2	A Novel Unmanned Aerial Vehicle Charging Scheme for Wireless Rechargeable Sensor Networks in an Urban Bus System. Electronics (Switzerland), 2022, 11, 1464.	3.1	2
3	MNVPCS: Multinode Virtual-Point–Based Charging Scheme to Prolong the Lifetime of Wireless Rechargeable Sensor Networks. Computer Journal, 2020, 63, 283-294.	2.4	2
4	A Novel Hybrid Search and Remove Strategy for Power Balance Wireless Charger Deployment in Wireless Rechargeable Sensor Networks. Energies, 2020, 13, 2661.	3.1	7
5	A Location Privacy Attack Based on the Location Sharing Mechanism with Erroneous Distance in Geosocial Networks. Sensors, 2020, 20, 918.	3.8	5
6	A connectivity-increasing mechanism of ZigBee-based IoT devices for wireless multimedia sensor networks. Multimedia Tools and Applications, 2019, 78, 5137-5154.	3.9	16
7	A farmland multimedia data collection method using mobile sink for wireless sensor networks. Multimedia Tools and Applications, 2017, 76, 19463-19478.	3.9	8
8	Complexity of cloud-based transcoding platform for scalable and effective video streaming services. Multimedia Tools and Applications, 2017, 76, 19557-19574.	3.9	11
9	A novel resource allocation mechanism for live cloud-based video streaming service. Multimedia Tools and Applications, 2017, 76, 19689-19706.	3.9	10
10	A personalized music recommendation system based on electroencephalography feedback. Multimedia Tools and Applications, 2017, 76, 19523-19542.	3.9	27
11	A Weight-Based Data Pre-processing Mechanism for Improving the Accuracy of the Massive Traffic Flow Prediction. , 2017, , .		0
12	A Power Balance Aware Wireless Charger Deployment Method for Complete Coverage in Wireless Rechargeable Sensor Networks. Energies, 2016, 9, 695.	3.1	9
13	MMCS: Multi-Module Charging Strategy for Increasing the Lifetime of Wireless Rechargeable Sensor Networks. Energies, 2016, 9, 664.	3.1	2
14	Energy–aware supply route data collecting methods using wireless sensor networks. Wireless Communications and Mobile Computing, 2016, 16, 872-883.	1.2	2
15	Incremental Mobile Sensor Deploying Method for Intangible Event Region Detection in Wireless Sensor Networks. , 2016, , .		0
16	IPARBC: An Improved Parallel Association Rule Based on MapReduce Framework. , 2016, , .		1
17	A Novel Incremental Data Mining Algorithm Based on FP-growth for Big Data. , 2016, , .		19
18	A Hybrid Algorithm for Frequent Pattern Mining Using MapReduce Framework. , 2015, , .		4

#	Article	IF	Citations
19	An Application of Fuzzy Multi-objective Linear Programming for Components Design of Games or Animated Characters. , 2015, , .		0
20	A Novel Multi-Dimension Resource Recycling Mechanism for Cloud Data Centers. International Journal of Grid and High Performance Computing, 2015, 7, 50-64.	0.9	2
21	Enhancing the performance and security against mediaâ€accessâ€control table overflow vulnerability attacks. Security and Communication Networks, 2015, 8, 1780-1793.	1.5	4
22	Black Hole Traffic Anomaly Detections in Wireless Sensor Network. International Journal of Grid and High Performance Computing, 2015, 7, 42-51.	0.9	4
23	Contention-Free Station Communication Matching Algorithm in Multi-Hop Power Management for Wireless Ad-Hoc Networks. International Journal of Grid and High Performance Computing, 2015, 7, 52-66.	0.9	3
24	The novel falling detection method with G-sensors on waist. , 2014, , .		1
25	The intelligent pill box &#x2014; Design and implementation. , 2014, , .		42
26	Sensor dispatching methods for gathering data in rechargeable wireless mobile sensor networks. , 2014, , .		2
27	A personalized IPTV channel-recommendation mechanism based on the MapReduce framework. Journal of Supercomputing, 2014, 69, 225-247.	3.6	9
28	Application traffic classification at the early stage by characterizing application rounds. Information Sciences, 2013, 232, 130-142.	6.9	49
29	Ligand Path: A Software Tool for Mapping Dynamic Ligand Migration Channel Networks. Procedia Computer Science, 2013, 23, 68-77.	2.0	0
30	A Jigsaw-Based Sensor Placement Algorithm for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 186720.	2.2	8
31	An Address-Contention Approach Based on a Time-Division Multiplexing Mechanism for ZigBee Networks. International Journal of Distributed Sensor Networks, 2013, 9, 505121.	2.2	2