

Tzung-Shi Chen

List of Publications by Year in descending order

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49
papers

1,054
citations

516561

16
h-index

454834

30
g-index

51
all docs

51
docs citations

51
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobile Charging Strategy for Wireless Rechargeable Sensor Networks. Sensors, 2022, 22, 359.	2.1	9
2	Detection of Cytopathic Effects Induced by Influenza, Parainfluenza, and Enterovirus Using Deep Convolution Neural Network. Biomedicines, 2022, 10, 70.	1.4	2
3	Dynamic Set Planning for Coordinated Multi-Point in B4G/5G Networks. Sensors, 2021, 21, 1752.	2.1	1
4	Robust Mechanism of Trap Coverage and Target Tracking in Mobile Sensor Networks. IEEE Internet of Things Journal, 2018, 5, 3019-3030.	5.5	13
5	Gateway selection based on game theory in internet of things. , 2018, , .		6
6	Adaptive Trap Coverage in Mobile Sensor Networks. Procedia Computer Science, 2017, 110, 102-109.	1.2	2
7	Adaptive Load-Aware Congestion Control Protocol for Wireless Sensor Networks. Wireless Personal Communications, 2017, 97, 3483-3502.	1.8	11
8	Scheduling for Data Collection in Multi-hop IEEE 802.15.4e TSCH Networks. , 2016, , .		4
9	Distributed object tracking using moving trajectories in wireless sensor networks. Wireless Networks, 2016, 22, 2415-2437.	2.0	11
10	Prediction-Based Object Tracking in Visual Sensor Networks. Wireless Personal Communications, 2016, 87, 145-163.	1.8	2
11	An efficient adjustable grid-based data replication scheme for wireless sensor networks. Ad Hoc Networks, 2016, 36, 203-213.	3.4	4
12	Crowdsensing Service by Mining Trajectory Patterns in Wireless Sensor Networks. , 2014, , .		0
13	Object Tracking by mining movement Trajectories in Wireless Sensor Networks. , 2014, , .		1
14	Geographic convergecast using mobile sink in wireless sensor networks. Computer Communications, 2013, 36, 445-458.	3.1	42
15	Friend Recommendation for Location-Based Mobile Social Networks. , 2013, , .		20
16	Cyber Physical Systems Using Sensor Technologies. International Journal of Distributed Sensor Networks, 2012, 8, 957396.	1.3	5
17	Enabling Cyber Physical Systems with Wireless Sensor Networking Technologies. International Journal of Distributed Sensor Networks, 2012, 8, 489794.	1.3	33
18	Data Gathering in a Hybrid Wireless Sensor Network. , 2012, , .		1

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19	The Implications of Learning Cloud for Education: From the Perspectives of Learners. , 2012, , .		13
20	Mining User Movement Behavior Patterns in a Mobile Service Environment. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 87-101.	3.4	37
21	The study on integrating WebQuest with mobile learning for environmental education. Computers and Education, 2011, 57, 1228-1239.	5.1	123
22	The design and implementation of a meaningful learning-based evaluation method for ubiquitous learning. Computers and Education, 2011, 57, 2291-2302.	5.1	151
23	On Data Collection Using Mobile Robot in Wireless Sensor Networks. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 1213-1224.	3.4	40
24	An Intelligent System for Wheelchair Users Using Data Mining and Sensor Networking Technologies. , 2011, , .		3
25	Adjustable convergecast tree protocol for wireless sensor networks. Computer Communications, 2010, 33, 559-570.	3.1	23
26	The Effect of Situated Mobile Learning on Chinese Rhetoric Ability of Elementary School Students. , 2010, , .		13
27	WebQuest: M-learning for Environmental Education. , 2010, , .		1
28	Dispatch of Mobile Resources in Wireless Sensor Networks. , 2009, , .		0
29	Service Discovery in Mobile Ad Hoc Networks Based on Grid. IEEE Transactions on Vehicular Technology, 2009, 58, 1528-1545.	3.9	16
30	Dissemination of Data Aggregation in Vehicular Ad Hoc Networks. , 2009, , .		5
31	A Meaningful Learning Based u-Learning Evaluation Model. , 2008, , .		29
32	Geographic convergecast in wireless sensor networks. , 2008, , .		2
33	Mining frequent tree-like patterns in large datasets. Data and Knowledge Engineering, 2007, 62, 65-83.	2.1	19
34	Mobile object tracking in wireless sensor networks. Computer Communications, 2007, 30, 1811-1825.	3.1	152
35	Optimal broadcasting on incomplete star graph interconnection networks. Journal of Systems Architecture, 2005, 51, 143-150.	2.5	6
36	Task migration in n-dimensional wormhole-routed mesh multicomputers. Journal of Systems Architecture, 2004, 50, 177-192.	2.5	5

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37	Dual-tree-based multicasting on wormhole-routed irregular switch-based networks. Journal of Systems Architecture, 2002, 47, 999-1015.	2.5	2
38	A dual-hamiltonian-path-based multicasting strategy for wormhole-routed star graph interconnection networks. Journal of Parallel and Distributed Computing, 2002, 62, 1747-1762.	2.7	29
39	SOM: spiral-fat-tree-based on-demand multicast protocol in a wireless ad-hoc network. Computer Communications, 2002, 25, 1684-1695.	3.1	10
40	Title is missing!. Journal of Supercomputing, 2002, 21, 191-211.	2.4	8
41	Task migration in 2D wormhole-routed mesh multicomputers. Information Processing Letters, 2000, 73, 103-110.	0.4	9
42	Efficient path-based multicast in wormhole-routed mesh networks. Journal of Systems Architecture, 2000, 46, 919-930.	2.5	26
43	Multicast communication in wormhole-routed star graph interconnection networks. Parallel Computing, 2000, 26, 1459-1490.	1.3	8
44	Improving Memory Traffic by Assembly-Level Exploitation of Reuses for Vector Registers. Journal of Supercomputing, 2000, 17, 187-204.	2.4	3
45	Balanced spanning trees in complete and incomplete star graphs. IEEE Transactions on Parallel and Distributed Systems, 1996, 7, 717-723.	4.0	17
46	Partitioning and mapping of nested loops for linear array multicomputers. Journal of Supercomputing, 1995, 9, 183-202.	2.4	10
47	An optimal broadcasting algorithm without message redundancy in star graphs. IEEE Transactions on Parallel and Distributed Systems, 1995, 6, 653-658.	4.0	51
48	Communication-free data allocation techniques for parallelizing compilers on multicomputers. IEEE Transactions on Parallel and Distributed Systems, 1994, 5, 924-938.	4.0	46
49	A broadcasting algorithm in star graph interconnection networks. Information Processing Letters, 1993, 48, 237-241.	0.4	30