

# Chen Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

807  
citations

759055

12  
h-index

713332

21  
g-index

41  
all docs

41  
docs citations

41  
times ranked

910  
citing authors

#	ARTICLE	IF	CITATIONS
1	Live migration of virtual machine based on full system trace and replay. , 2009, , .		175
2	CloudThings: A common architecture for integrating the Internet of Things with Cloud Computing. , 2013, , .		154
3	Live Virtual Machine Migration via Asynchronous Replication and State Synchronization. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1986-1999.	4.0	78
4	Predicting Transportation Carbon Emission with Urban Big Data. IEEE Transactions on Sustainable Computing, 2017, 2, 333-344.	2.2	50
5	A3C-DO: A Regional Resource Scheduling Framework Based on Deep Reinforcement Learning in Edge Scenario. IEEE Transactions on Computers, 2021, 70, 228-239.	2.4	47
6	Using Crowdsourcing to Provide QoS for Mobile Cloud Computing. IEEE Transactions on Cloud Computing, 2019, 7, 344-356.	3.1	33
7	Modeling User Activity Patterns for Next-Place Prediction. IEEE Systems Journal, 2017, 11, 1060-1071.	2.9	31
8	Probabilistic routing algorithm based on contact duration and message redundancy in delay tolerant network. International Journal of Communication Systems, 2016, 29, 2416-2426.	1.6	25
9	Personalized Mobile Searching Approach Based on Combining Content-Based Filtering and Collaborative Filtering. IEEE Systems Journal, 2017, 11, 324-332.	2.9	22
10	Energy Efficient Task Scheduling in Mobile Cloud Computing. Lecture Notes in Computer Science, 2013, , 344-355.	1.0	22
11	Human mobility synthesis using matrix and tensor factorizations. Information Fusion, 2015, 23, 25-32.	11.7	21
12	Energy efficient indoor tracking on smartphones. Future Generation Computer Systems, 2014, 39, 44-54.	4.9	20
13	A guest-transparent file integrity monitoring method in virtualization environment. Computers and Mathematics With Applications, 2010, 60, 256-266.	1.4	18
14	Container lifecycle-aware scheduling for serverless computing. Software - Practice and Experience, 2022, 52, 337-352.	2.5	16
15	Location-aware private service discovery in pervasive computing environment. Information Sciences, 2013, 230, 78-93.	4.0	10
16	Using check-in features to partition locations for individual users in location based social network. Information Fusion, 2017, 37, 86-97.	11.7	9
17	Energy Conservation in Progressive Decentralized Single-Hop Wireless Sensor Networks for Pervasive Computing Environment. IEEE Systems Journal, 2017, 11, 823-834.	2.9	8
18	Speed-Density Model of Interrupted Traffic Flow Based on Coil Data. Mobile Information Systems, 2016, 2016, 1-12.	0.4	7

#	ARTICLE	IF	CITATIONS
19	Graph-Reinforcement-Learning-Based Task Offloading for Multiaccess Edge Computing. IEEE Internet of Things Journal, 2023, 10, 3138-3150.	5.5	7
20	Multiscale topology optimization for graded cellular structures based on level set surface cutting. Structural and Multidisciplinary Optimization, 2022, 65, 1.	1.7	7
21	A semi-supervised social relationships inferred model based on mobile phone data. Future Generation Computer Systems, 2017, 76, 458-467.	4.9	6
22	Evaluation model for business sites planning based on online and offline datasets. Future Generation Computer Systems, 2019, 91, 465-474.	4.9	6
23	WITM: Intelligent Traffic Monitoring Using Fine-Grained Wireless Signal. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 206-215.	3.4	6
24	A parameter-level parallel optimization algorithm for large-scale spatio-temporal data mining. Distributed and Parallel Databases, 2020, 38, 739-765.	1.0	5
25	CRSM: Computation Reloading Driven by Spatial-Temporal Mobility in Edge-Assisted Automated Industrial Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 9283-9291.	7.2	4
26	Mining user check-in features for location classification in location-based social networks. , 2015, , .		3
27	Scheduling and dropping policies for probabilistic routing in Delay Tolerant Networks. , 2011, , .		2
28	Analytical determination of optimal split ratio for interior permanent magnet synchronous motor. , 2014, , .		2
29	Sparse Online Relative Similarity Learning. , 2015, , .		2
30	Human Activity Recognition-Oriented Incremental Learning with Knowledge Distillation. Journal of Circuits, Systems and Computers, 0, , 2150096.	1.0	2
31	Genetic Algorithm with Local Search for the Multi-Target Scheduling in Flexible Manufacturing System. Journal of Circuits, Systems and Computers, 2022, 31, .	1.0	2
32	Building dynamic integrity protection for multiple independent authorities in virtualization-based infrastructure. , 2009, , .		1
33	Skew effect on demagnetization of permanent magnet synchronous machines with three-phase short-circuit fault. , 2014, , .		1
34	Cost Efficient Sensor Positions Determination For Human Activity Recognition. IEEE Transactions on Sustainable Computing, 2022, 7, 125-134.	2.2	1
35	Hierarchical Geographical Tags Based Routing Scheme in Delay/Disruption Tolerant Mobile Ad Hoc Networks. Lecture Notes in Computer Science, 2015, , 352-364.	1.0	1
36	EventTube: An Artificial Intelligent Edge Computing Based Event Aware System to Collaborate With Individual Devices in Logistics Systems. IEEE Transactions on Industrial Informatics, 2023, 19, 1823-1832.	7.2	1

#	ARTICLE	IF	CITATIONS
37	Special issue on UIT (Ubiquitous Information Technology) for multimedia systems. Multimedia Tools and Applications, 2013, 67, 337-340.	2.6	0
38	Design and application of the stereo vision manipulator with novel scheduling policies control. Multimedia Tools and Applications, 2013, 67, 249-268.	2.6	0
39	Accelerating Parallel Applications in Cloud Platforms via Adaptive Time-Slice Control. IEEE Transactions on Computers, 2021, 70, 992-1005.	2.4	0
40	Traffic Paralysis Alarm System Based on Strong Associated Subnet. Lecture Notes in Computer Science, 2018, , 330-341.	1.0	0