

Victor Ok Li

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,520
citations

516710

16
h-index

454955

30
g-index

41
all docs

41
docs citations

41
times ranked

1696
citing authors

#	ARTICLE	IF	CITATIONS
1	A social spider algorithm for global optimization. Applied Soft Computing Journal, 2015, 30, 614-627.	7.2	303
2	SPECS: Secure and privacy enhancing communications schemes for VANETs. Ad Hoc Networks, 2011, 9, 189-203.	5.5	246
3	VSPN: VANET-Based Secure and Privacy-Preserving Navigation. IEEE Transactions on Computers, 2014, 63, 510-524.	3.4	144
4	Chemical Reaction Optimization for Task Scheduling in Grid Computing. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1624-1631.	5.6	143
5	A social spider algorithm for solving the non-convex economic load dispatch problem. Neurocomputing, 2016, 171, 955-965.	5.9	79
6	A review on health cost accounting of air pollution in China. Environment International, 2018, 120, 279-294.	10.0	67
7	An Extended Spatio-Temporal Granger Causality Model for Air Quality Estimation with Heterogeneous Urban Big Data. IEEE Transactions on Big Data, 2017, 3, 307-319.	6.1	59
8	Air pollution and environmental injustice: Are the socially deprived exposed to more PM2.5 pollution in Hong Kong?. Environmental Science and Policy, 2018, 80, 53-61.	4.9	47
9	Smart demand response in China: Challenges and drivers. Energy Policy, 2017, 107, 1-10.	8.8	42
10	Vehicular Energy Network. IEEE Transactions on Transportation Electrification, 2017, 3, 392-404.	7.8	38
11	Drivers of domestic electricity users' price responsiveness: A novel machine learning approach. Applied Energy, 2019, 235, 900-913.	10.1	29
12	A Bayesian LSTM model to evaluate the effects of air pollution control regulations in Beijing, China. Environmental Science and Policy, 2021, 115, 26-34.	4.9	29
13	Power-Controlled Cognitive Radio Spectrum Allocation with Chemical Reaction Optimization. IEEE Transactions on Wireless Communications, 2013, 12, 3180-3190.	9.2	22
14	Performance comparison of scheduling algorithms for peer-to-peer collaborative file distribution. IEEE Journal on Selected Areas in Communications, 2007, 25, 146-154.	14.0	20
15	Multi-Source-Driven Asynchronous Diffusion Model for Video-Sharing in Online Social Networks. IEEE Transactions on Multimedia, 2014, 16, 2025-2037.	7.2	20
16	Stakeholder concerns of air pollution in Hong Kong and policy implications: A big-data computational text analysis approach. Environmental Science and Policy, 2019, 101, 374-382.	4.9	20
17	A Big Data and Artificial Intelligence Framework for Smart and Personalized Air Pollution Monitoring and Health Management in Hong Kong. Environmental Science and Policy, 2021, 124, 441-450.	4.9	18
18	Granger-Causality-based air quality estimation with spatio-temporal (S-T) heterogeneous big data. , 2015, , .		17

#	ARTICLE	IF	CITATIONS
19	Travel Demand Prediction using Deep Multi-Scale Convolutional LSTM Network. , 2018, , .		17
20	Can smart energy information interventions help householders save electricity? A SVR machine learning approach. Environmental Science and Policy, 2020, 112, 381-393.	4.9	17
21	A Domain-Specific Bayesian Deep-Learning Approach for Air Pollution Forecast. IEEE Transactions on Big Data, 2022, 8, 1034-1046.	6.1	17
22	VANET-based secure taxi service. Ad Hoc Networks, 2013, 11, 2381-2390.	5.5	16
23	Deep-AIR: A Hybrid CNN-LSTM Framework for Fine-Grained Air Pollution Estimation and Forecast in Metropolitan Cities. IEEE Access, 2022, 10, 55818-55841.	4.2	13
24	Sensor deployment for air pollution monitoring using public transportation system. , 2012, , .		12
25	Optimal V2G scheduling of electric vehicles and Unit Commitment using Chemical Reaction Optimization. , 2013, , .		11
26	A survey on smart grid communication system. APSIPA Transactions on Signal and Information Processing, 2015, 4, .	3.3	10
27	How BLUE is the Sky? Estimating air qualities in Beijing during the Blue Sky Day period (2008â€“2012) by Bayesian Multi-task LSTM. Environmental Science and Policy, 2021, 116, 69-77.	4.9	10
28	Real-coded chemical reaction optimization with different perturbation functions. , 2012, , .		7
29	Secure, privacy-preserving, distributed motor vehicle event data recorder. , 2013, , .		7
30	Bandwidth-Guaranteed Fair Scheduling with Effective Excess Bandwidth Allocation for Wireless Networks. IEEE Transactions on Wireless Communications, 2008, 7, 2094-2105.	9.2	6
31	Form Follows Function: Designing Smart Grid Communication Systems Using a Framework Approach. IEEE Power and Energy Magazine, 2014, 12, 37-43.	1.6	6
32	In search of bluer skies: Would people move to places of better air qualities?. Environmental Science and Policy, 2021, 117, 8-15.	4.9	6
33	Fairness and high-throughput scheduling for multihop wireless ad hoc networks. Ad Hoc Networks, 2016, 52, 195-206.	5.5	5
34	Short adjacent repeat identification based on Chemical Reaction Optimization. , 2012, , .		3
35	Request-driven swarming scheme for P2P data streaming. Computer Communications, 2009, 32, 1410-1417.	5.1	2
36	An information-theoretic model for resource-constrained systems. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
37	Modeling video viewing and sharing behaviors in online social networks. , 2015, , .		2
38	A Population Dynamics Model for Data Streaming over P2P Networks. , 2009, , .		1
39	Improved short adjacent repeat identification using three evolutionary Monte Carlo schemes. International Journal of Data Mining and Bioinformatics, 2013, 8, 462.	0.1	1
40	UMeAir. , 2018, , .		1