Yingjie Xia

List of Publications by Year
in descending order

56	1,057	623188	454577
papers	citations	14	30
		h-index	g-index

58	58	58	953
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Representative Discovery of Structure Cues for Weakly-Supervised Image Segmentation. IEEE Transactions on Multimedia, 2014, 16, 470-479.	5.2	200
2	A Fine-Grained Image Categorization System by Cellet-Encoded Spatial Pyramid Modeling. IEEE Transactions on Industrial Electronics, 2015, 62, 564-571.	5.2	125
3	Spatial-Aware Object-Level Saliency Prediction by Learning Graphlet Hierarchies. IEEE Transactions on Industrial Electronics, 2015, 62, 1301-1308.	5.2	76
4	An Effective Video Summarization Framework Toward Handheld Devices. IEEE Transactions on Industrial Electronics, 2015, 62, 1309-1316.	5.2	70
5	Towards improving quality of video-based vehicle counting method for traffic flow estimation. Signal Processing, 2016, 120, 672-681.	2.1	62
6	Adaptive Multimedia Data Forwarding for Privacy Preservation in Vehicular Ad-Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2629-2641.	4.7	53
7	SEMD: Secure and efficient message dissemination with policy enforcement in VANET. Journal of Computer and System Sciences, 2016, 82, 1316-1328.	0.9	44
8	Personalized Services Recommendation Based on Context-Aware QoS Prediction. , 2012, , .		40
9	Epidemic spreading on weighted adaptive networks. Physica A: Statistical Mechanics and Its Applications, 2014, 399, 16-23.	1.2	36
10	Hierarchical Attribute-Based Access Control with Authentication for Outsourced Data in Cloud Computing. , 2013, , .		33
11	Accelerating geospatial analysis on GPUs using CUDA. Journal of Zhejiang University: Science C, 2011, 12, 990-999.	0.7	30
12	Parallelized Fusion on Multisensor Transportation Data: A Case Study in CyberITS. International Journal of Intelligent Systems, 2013, 28, 540-564.	3.3	29
13	Big traffic data processing framework for intelligent monitoring and recording systems. Neurocomputing, 2016, 181, 139-146.	3.5	29
14	Effectively identifying the influential spreaders in large-scale social networks. Multimedia Tools and Applications, 2016, 75, 8829-8841.	2.6	21
15	Fusing Incomplete Multisensor Heterogeneous Data to Estimate Urban Traffic. IEEE MultiMedia, 2016, 23, 56-63.	1.5	16
16	Quadtree-based domain decomposition for parallel map-matching on GPS data. , 2012, , .		14
17	APPOS: An adaptive partial occlusion segmentation method for multiple vehicles tracking. Journal of Visual Communication and Image Representation, 2016, 37, 25-31.	1.7	13
18	SE-VFC: Secure and Efficient Outsourcing Computing in Vehicular Fog Computing. IEEE Transactions on Network and Service Management, 2021, 18, 3389-3399.	3.2	13

#	Article	IF	Citations
19	Formalizing computational intensity of big traffic data understanding and analysis for parallel computing. Neurocomputing, 2015, 169, 158-168.	3.5	12
20	Detection and classification of traffic lights for automated setup of road surveillance systems. Multimedia Tools and Applications, 2016, 75, 12547-12562.	2.6	11
21	Analyzing Behavioral Substitution of Web Services Based on Pi-calculus. , 2010, , .		10
22	A Cyber-ITS Framework for Massive Traffic Data Analysis Using Cyber Infrastructure. Scientific World Journal, The, 2013, 2013, 1-9.	0.8	9
23	Security-Aware Information Dissemination With Fine-Grained Access Control in Cooperative Multi-RSU of VANETs. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2170-2179.	4.7	8
24	A Parallel Fusion Method for Heterogeneous Multi-sensor Transportation Data. Lecture Notes in Computer Science, 2011, , 31-42.	1.0	8
25	Parallel Viewshed Analysis on GPU Using CUDA. , 2010, , .		6
26	Urban road traffic speed estimation for missing probe vehicle data based on multiple linear regression model. , 2013, , .		6
27	A Secure and Efficient Data Sharing Framework with Delegated Capabilities in Hybrid Cloud. , 2015, , .		6
28	Mining related information of traffic flows on lanes by k-medoids. , 2014, , .		5
29	Adaptive fine pollutant discharge control for motor vehicles tunnels under traffic state transition. IET Intelligent Transport Systems, 2015, 9, 783-791.	1.7	5
30	HDRS: A Hybrid Reputation System With Dynamic Update Interval for Detecting Malicious Vehicles in VANETs. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12766-12777.	4.7	5
31	Parallelized extraction of traffic state estimation rules based on bootstrapping rough set. , 2012, , .		4
32	Multi-sensor heterogeneous data representation for data-driven ITS. , 2013, , .		4
33	Synchronization induced by disorder of phase directions. International Journal of Modern Physics C, 2014, 25, 1440016.	0.8	4
34	Geometric discriminative features for aerial image retrieval in social media. Multimedia Systems, 2016, 22, 497-507.	3.0	4
35	A Meta-Level K-Means Method for Evaluating the Advertising Value of Urban Roads. , 2011, , .		3
36	A multi-filter based license plate localization and recognition framework. , 2013, , .		3

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37	Discovering anomaly on the basis of flow estimation of alert feature distribution. Security and Communication Networks, 2014, 7, 1570-1581.	1.0	3
38	Fusing heterogeneous traffic data by Kalman filters and Gaussian mixture models. , 2014, , .		3
39	A Policy Enforcement Framework for Secure Data Dissemination in Vehicular Ad Hoc Network. IEEE Transactions on Vehicular Technology, 2021, 70, 13304-13314.	3.9	3
40	A Development Framework for Collaborative Applications Based on the Access Grid. , 2006, , .		2
41	R2P: A Peer-to-Peer Transfer System Based on Role and Reputation. , 2008, , .		2
42	Hierarchy-aware ECC model for Cloud. , 2010, , .		2
43	Weakly Supervised Random Forest for Multi-Label Image Clustering and Segmentation. , 2015, , .		2
44	Learning for classification of traffic-related object on RGB-D data. Multimedia Systems, 2017, 23, 129-138.	3.0	2
45	TRAMS: A Secure Vehicular Crowdsensing Scheme Based on Multi-Authority Attribute-Based Signature. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12790-12800.	4.7	2
46	STAP: A Spatio-Temporal Correlative Estimating Model for Improving Quality of Traffic Data. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1746-1754.	4.7	1
47	Portal Access to Scientific Computation and Customized Collaborative Visualization on Campus Grid. , 2006, , .		0
48	A Small World Overlay P2P Transfer System with Role-Based and Reputation-Based Access Control Policies. , 2008, , .		0
49	An Innovative Education System for International Service Engineering. , 2009, , .		0
50	A Collaborative Application Framework Based on the P2P Grid Model. , 2010, , .		0
51	Parallel geospatial analysis on windows HPC platform. , 2010, , .		0
52	A Secure Virtual Verification Model for Wireless Sensor Network. , 2010, , .		0
53	SP4SLM: A Synthesized Platform for Services Lifecycle Management. , 2011, , .		0
54	Learning for Traffic State Estimation on Large Scale of Incomplete Data. , 2016, , .		0

#	Article	IF	Citations
55	SCMP-V: A secure multiple relays cooperative downloading scheme with privacy preservation in VANETs. Peer-to-Peer Networking and Applications, 0, , 1.	2.6	0
56	Adaptive fine pollutant discharge control for motor vehicles tunnels under traffic state transition. IET Intelligent Transport Systems, 2014, 8, 507-507.	1.7	0