Karine Zeitouni

List of Publications by Year
in descending order

63 papers	**713** citations	759233 **12** h-index	677142 **22** g-index
70 all docs	**70** docs citations	**70** times ranked	**803** citing authors

#	Article	IF	Citations
1	Personal Exposure to Black Carbon, Particulate Matter and Nitrogen Dioxide in the Paris Region Measured by Portable Sensors Worn by Volunteers. Toxics, 2022, 10, 33.	3.7	7
2	Mobile participatory sensing with strong privacy guarantees using secure probes. GeoInformatica, 2021, 25, 533-580.	2.7	2
3	Location prediction: a deep spatiotemporal learning from external sensors data. Distributed and Parallel Databases, 2021, 39, 259-280.	1.6	3
4	From Raw Pedestrian Trajectories to Semantic Graph Structured Model—Towards an end-to-end spatiotemporal analytics framework. Procedia Computer Science, 2021, 184, 60-67.	2.0	4
5	Towards a semantic indoor trajectory model: application to museum visits. GeoInformatica, 2021, 25, 311-352.	2.7	16
6	Tell Me What Air You Breath, I Tell You Where You Are. , 2021, , .		2
7	A methodology for the characterization of portable sensors for air quality measure with the goal of deployment in citizen science. Science of the Total Environment, 2020, 708, 134698.	8.0	22
8	Online Clustering of Trajectories in Road Networks. , 2020, , .		1
9	Prospective Data Model and Distributed Query Processing for Mobile Sensing Data Streams. Lecture Notes in Computer Science, 2020, , 66-82.	1.3	1
10	Trajectory Prediction from a Mass of Sparse and Missing External Sensor Data. , 2019, , .		1
11	TrajSense: Trajectory Prediction from Sparse and Missing External Sensor Data. , 2019, , .		0
12	Incremental and Adaptive Feature Exploration over Time Series Stream. , 2019, , .		5
13	Efficient astronomical query processing using spark. , 2018, , .		4
14	An Atmospheric Dispersion Modeling Microservice for HazMat Transportation. Procedia Computer Science, 2018, 130, 526-532.	2.0	3
15	Towards Rich Sensor Data Representation - Functional Data Analysis Framework for Opportunistic Mobile Monitoring. , 2018, , .		1
16	MobiStore: A system for efficient mobile P2P data sharing. Peer-to-Peer Networking and Applications, 2017, 10, 910-924.	3.9	8
17	Automatic Learning of Predictive CEP Rules. , 2017, , .		18
18	A new time-dependent shortest path algorithm for multimodal transportation network. Procedia Computer Science, 2017, 109, 692-697.	2.0	43

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19	Real-Time HazMat Environmental Information System: A micro-service based architecture. Procedia Computer Science, 2017, 109, 982-987.	2.0	15
20	Smart preserving of cultural heritage with PACT-ART. Multimedia Tools and Applications, 2017, 76, 26077-26101.	3.9	4
21	Real-Time Microservices Based Environmental Sensors System for Hazmat Transportation Networks Monitoring. Transportation Research Procedia, 2017, 27, 873-880.	1.5	14
22	A distributed approach for shortest path algorithm in dynamic multimodal transportation networks. Transportation Research Procedia, 2017, 27, 294-300.	1.5	15
23	RETRy. , 2017, , .		0
24	An Automatic Matcher and Linker for Transportation Datasets. ISPRS International Journal of Geo-Information, 2017, 6, 29.	2.9	4
25	A Service-Based System for Sentiment Analysis and Visualization of Twitter Data in Realtime. Lecture Notes in Computer Science, 2017, , 199-202.	1.3	0
26	HX-MATCH: In-Memory Cross-Matching Algorithm for Astronomical Big Data. Lecture Notes in Computer Science, 2017, , 411-415.	1.3	3
27	PACT-ART: Enrichment, Data Mining, and Complex Event Processing in the Internet of Cultural Things. , 2016, , .		4
28	PAMPAS. , 2016, , .		4
29	The Butterfly. , 2016, , .		4
30	AstroSpark. , 2016, , .		9
31	Discovering multimodal routes using connection patterns. , 2016, , .		1
32	Automatic detection and matching of geospatial properties in transportation data sources (demo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		0
33	Nash Equilibrium-Based Semantic Cache in Mobile Sensor Grid Database Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, , 1-12.	9.3	12
34	Online Clustering of Trajectory Data Stream. , 2016, , .		14
35	Toward the Support of Challenging Service Level Agreements (SLAs) in Manual and Context-Dependent Activities. , 2016, , .		1
36	A Framework for Online Mobility Pattern Discovery from Trajectory Data Streams. , 2016, , .		7

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37	Game balanced multi-factor multicast routing in sensor grid networks. Information Sciences, 2016, 367-368, 550-572.	6.9	13
38	CUTiS. , 2016, , .		1
39	autoCEP: Automatic Learning of Predictive Rules for Complex Event Processing. Lecture Notes in Computer Science, 2016, , 586-593.	1.3	12
40	Automatic learning of predictive rules for complex event processing. , 2016, , .		5
41	Complex event processing for the non-expert with autoCEP. , 2016, , .		5
42	Link++: A Flexible and Customizable Tool for Connecting RDF Data Sources. Lecture Notes in Computer Science, 2016, , 107-111.	1.3	0
43	PACT-ART: Adaptive and context-aware processes for the transportation of artworks. , 2015, , .		0
44	PPTM: Privacy-Aware Participatory Traffic Monitoring Using Mobile Secure Probes. , 2015, , .		1
45	Spatio-temporal compression of trajectories in road networks. GeoInformatica, 2015, 19, 117-145.	2.7	51
46	TRIFL. ACM Transactions on Spatial Algorithms and Systems, 2015, 1, 1-44.	1.4	16
47	MobiStore: Achieving Availability and Load Balance in a Mobile P2P Data Store. , 2014, , .		5
48	Personalized progressive filtering of skyline queries in high dimensional spaces. , 2013, , .		6
49	Proactive Vehicular Traffic Rerouting for Lower Travel Time. IEEE Transactions on Vehicular Technology, 2013, 62, 3551-3568.	6.3	116
50	Progressive ranking based on a dominance list. , 2013, , .		1
51	Qualitative representation of building sites annoyance. , 2012, , .		3
52	Proactive Vehicle Re-routing Strategies for Congestion Avoidance. , 2012, , .		70
53	Indexing in-network trajectory flows. VLDB Journal, 2011, 20, 643-669.	4.1	54
54	PARINET: A tunable access method for in-network trajectories. , 2010, , .		2

#	Article	IF	Citations
55	Characterizing Traffic Density and Its Evolution through Moving Object Trajectories. , 2009, , .		3
56	Caractérisation de la densité de trafic et de son évolution à partir de trajectoires d'objets mobiles. , 2009, , .		1
57	GeoCache. , 2009, , 350-368.		0
58	A Tamper-Resistant and Portable Healthcare Folder. International Journal of Telemedicine and Applications, 2008, 2008, 1-9.	2.0	0
59	Clustering Algorithm for Network Constraint Trajectories. Lecture Notes in Geoinformation and Cartography, 2008, , 631-647.	1.0	40
60	An OLAP system for network-constrained moving objects. , 2007, , .		5
61	Effective Density Queries for Moving Objects in Road Networks. , 2007, , 200-211.		15
62	GeoCache. International Journal of Data Warehousing and Mining, 2007, 3, 67-88.	0.6	11
63	Spatial Data Warehouse â€" A Prototype. Lecture Notes in Computer Science, 2003, , 335-340.	1.3	4