Erik Wilhelm

List of Publications by Year
in descending order

23 papers	380 citations	933447 10 h-index	996975 15 g-index
24 all docs	24 docs citations	24 times ranked	523 citing authors

#	Article	IF	Citations
1	Understanding Urban Human Mobility through Crowdsensed Data. IEEE Communications Magazine, 2018, 56, 52-59.	6.1	90
2	Wearable Environmental Sensors and Infrastructure for Mobile Large-Scale Urban Deployment. IEEE Sensors Journal, 2016, 16, 8111-8123.	4.7	51
3	Swarm-Enabling Technology for Multi-Robot Systems. Frontiers in Robotics and AI, 2017, 4, .	3.2	50
4	CLOUDTHINK: A SCALABLE SECURE PLATFORM FOR MIRRORING TRANSPORTATION SYSTEMS IN THE CLOUD. Transport, 2015, 30, 320-329.	1.2	27
5	Determining air-conditioning usage patterns in Singapore from distributed, portable sensors. Energy Procedia, 2017, 122, 313-318.	1.8	21
6	Comparing the Mass, Energy, and Cost Effects of Lightweighting in Conventional and Electric Passenger Vehicles. Journal of Sustainable Development of Energy, Water and Environment Systems, 2014, 2, 284-295.	1.9	17
7	A Technical and Economic Review of Solar Hydrogen Production Technologies. Bulletin of Science, Technology and Society, 2006, 26, 278-287.	2.9	15
8	Data extraction from electric vehicles through OBD and application of carbon footprint evaluation. , 2016, , .		13
9	Identification and off-policy learning of multiple objectives using adaptive clustering. Neurocomputing, 2017, 263, 39-47.	5.9	13
10	OPTIMAL IMPLEMENTATION OF LIGHTWEIGHTING AND POWERTRAIN EFFI CIENCY TECHNOLOGY IN PASSENGERS' VEHICLES. Transport, 2012, 27, 237-249.	1.2	11
11	Optimal Lightweighting in Battery Electric Vehicles. World Electric Vehicle Journal, 2012, 5, 751-762.	3.0	11
12	A smart learning ecosystem design for delivering Data-driven Thinking in STEM education. Smart Learning Environments, 2021, 8, .	7.6	11
13	Evaluating the effects of active morning commutes on students' overall daily walking activity in Singapore: Do walkers walk more?. Journal of Transport and Health, 2018, 8, 220-243.	2.2	10
14	A Participatory Sensing Approach for Personalized Distance-to-Empty Prediction and Green Telematics. , 2015, , .		9
15	Electric Vehicle Parameter Identification. World Electric Vehicle Journal, 2012, 5, 1090-1099.	3.0	5
16	Real-time electric vehicle mass identification. , 2013, , .		4
17	Estimating an Electric Vehicleâ€™s â€œDistance to Emptyâ€•Using Both Past and Future Route Information. , 2013, , .		4
18	Real-time electric vehicle mass identification. World Electric Vehicle Journal, 2013, 6, 141-146.	3.0	4

#	Article	IF	Citations
19	Technical characterisation and multi-criteria analysis of light-duty vehicles. , 2011, , 58-95.		1
20	Multi-Criteria Decision Analysis of Heuristically Designed Light-Duty Vehicles Today and in 2035. , 2011, , .		1
21	Towards Real-Time Identification of Electric Vehicle Mass. , 0, , .		1
22	GrabAmps. , 2017, , .		0
23	APPLYING OPTIMAL CHOICES FOR REAL POWERTRAIN AND LIGHTWEIGHTING TECHNOLOGY OPTIONS TO PASSENGER VEHICLES UNDER UNCERTAINTY. Transport, 2017, 32, 209-220.	1.2	0