

Erik Wilhelm

List of Publications by Year in descending order

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Version: 2024-02-01

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	A smart learning ecosystem design for delivering Data-driven Thinking in STEM education. Smart Learning Environments, 2021, 8, .	7.6	11
2	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
3	Understanding Urban Human Mobility through Crowdsensed Data. IEEE Communications Magazine, 2018, 56, 52-59.	6.1	90
4	Determining air-conditioning usage patterns in Singapore from distributed, portable sensors. Energy Procedia, 2017, 122, 313-318.	1.8	21
5	Identification and off-policy learning of multiple objectives using adaptive clustering. Neurocomputing, 2017, 263, 39-47.	5.9	13
6	Swarm-Enabling Technology for Multi-Robot Systems. Frontiers in Robotics and AI, 2017, 4, .	3.2	50
7	GrabAmps. , 2017, , .		0
8	APPLYING OPTIMAL CHOICES FOR REAL POWERTRAIN AND LIGHTWEIGHTING TECHNOLOGY OPTIONS TO PASSENGER VEHICLES UNDER UNCERTAINTY. Transport, 2017, 32, 209-220.	1.2	0
9	Data extraction from electric vehicles through OBD and application of carbon footprint evaluation. , 2016, , .		13
10	Wearable Environmental Sensors and Infrastructure for Mobile Large-Scale Urban Deployment. IEEE Sensors Journal, 2016, 16, 8111-8123.	4.7	51
11	CLOUDTHINK: A SCALABLE SECURE PLATFORM FOR MIRRORING TRANSPORTATION SYSTEMS IN THE CLOUD. Transport, 2015, 30, 320-329.	1.2	27
12	A Participatory Sensing Approach for Personalized Distance-to-Empty Prediction and Green Telematics. , 2015, , .		9
13	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
14	Real-time electric vehicle mass identification. , 2013, , .		4
15	Estimating an Electric Vehicle's "Distance to Empty" Using Both Past and Future Route Information. , 2013, , .		4
16	Real-time electric vehicle mass identification. World Electric Vehicle Journal, 2013, 6, 141-146.	3.0	4
17	OPTIMAL IMPLEMENTATION OF LIGHTWEIGHTING AND POWERTRAIN EFFICIENCY TECHNOLOGY IN PASSENGERS' VEHICLES. Transport, 2012, 27, 237-249.	1.2	11
18	Optimal Lightweighting in Battery Electric Vehicles. World Electric Vehicle Journal, 2012, 5, 751-762.	3.0	11

#	ARTICLE	IF	CITATIONS
19	Electric Vehicle Parameter Identification. World Electric Vehicle Journal, 2012, 5, 1090-1099.	3.0	5
20	Technical characterisation and multi-criteria analysis of light-duty vehicles. , 2011, , 58-95.		1
21	Multi-Criteria Decision Analysis of Heuristically Designed Light-Duty Vehicles Today and in 2035. , 2011, , .		1
22	A Technical and Economic Review of Solar Hydrogen Production Technologies. Bulletin of Science, Technology and Society, 2006, 26, 278-287.	2.9	15
23	Towards Real-Time Identification of Electric Vehicle Mass. , 0, , .		1