

Rui Carvalho

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

344
citations

1162367

8
h-index

1199166

12
g-index

14
all docs

14
docs citations

14
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Energy Consumption at Slow Charging Infrastructure for Electric Vehicles. IEEE Access, 2021, 9, 53885-53901.	2.6	11
2	Collective Effects and Performance of Algorithmic Electric Vehicle Charging Strategies. , 2018, , .		1
3	Controlling congestion on complex networks: fairness, efficiency and network structure. Scientific Reports, 2017, 7, 9152.	1.6	13
4	Critical behaviour in charging of electric vehicles. New Journal of Physics, 2015, 17, 095001.	1.2	20
5	Congestion dependencies in the European gas pipeline network during crises. , 2014, , .		1
6	Resilience of Natural Gas Networks during Conflicts, Crises and Disruptions. PLoS ONE, 2014, 9, e90265.	1.1	51
7	Fair sharing of resources in a supply network with constraints. Physical Review E, 2012, 85, 046101.	0.8	9
8	Robustness of trans-European gas networks. Physical Review E, 2009, 80, 016106.	0.8	75
9	Scaling and allometry in the building geometries of Greater London. European Physical Journal B, 2008, 63, 303-314.	0.6	69
10	Socioeconomic networks with long-range interactions. Physical Review E, 2008, 78, 016110.	0.8	16
11	The geography of scientific productivity: scaling in US computer science. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P10012-P10012.	0.9	9
12	Encoding geometric information in road networks extracted from binary images. Environment and Planning B: Planning and Design, 2005, 32, 179-190.	1.7	1
13	Scaling and universality in the micro-structure of urban space. Physica A: Statistical Mechanics and Its Applications, 2004, 332, 539-547.	1.2	66
14	Automatic Extraction of Hierarchical Urban Networks: A Micro-Spatial Approach. Lecture Notes in Computer Science, 2004, , 1109-1116.	1.0	2