

Rui Carvalho

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3965777/publications.pdf>

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