

# Eduardo Lopez

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

965

citations

13

h-index

31

g-index

31

ext. papers

1,091

ext. citations

2.9

avg, IF

3.91

L-index

#	Paper	IF	Citations
26	Frictional unemployment on labor flow networks. <i>Journal of Economic Behavior and Organization</i> , <b>2019</b> , 160, 184-201	1.6	7
25	Understanding Unemployment in the Era of Big Data: Policy Informed by Data-Driven Theory. <i>Policy and Internet</i> , <b>2017</b> , 9, 28-54	2.6	4
24	Personality traits and ego-network dynamics. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173110	3.7	12
23	Channel-Specific Daily Patterns in Mobile Phone Communication. <i>Springer Proceedings in Complexity</i> , <b>2016</b> , 209-218	0.3	7
22	Firm-to-firm labor flows and the aggregate matching function: A network-based test using employer-employee matched records. <i>Economics Letters</i> , <b>2015</b> , 136, 9-12	1.3	5
21	Daily Rhythms in Mobile Telephone Communication. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138098	3.7	72
20	Persistence of social signatures in human communication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 942-7	11.5	238
19	The distribution of the number of node neighbors in random hypergraphs. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2013</b> , 46, 305003	2	2
18	Weighted projected networks: mapping hypergraphs to networks. <i>Physical Review E</i> , <b>2013</b> , 87, 052813	2.4	2
17	Percolation in multiplex networks with overlap. <i>Physical Review E</i> , <b>2013</b> , 88, 052811	2.4	137
16	Advection, diffusion, and delivery over a network. <i>Physical Review E</i> , <b>2012</b> , 86, 021905	2.4	28
15	Growth-induced mass flows in fungal networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 3265-74	4.4	39
14	Optimization of transport protocols with path-length constraints in complex networks. <i>Physical Review E</i> , <b>2010</b> , 82, 036119	2.4	17
13	Using relaxational dynamics to reduce network congestion. <i>New Journal of Physics</i> , <b>2008</b> , 10, 093007	2.9	6
12	OPTIMAL PATH AND MINIMAL SPANNING TREES IN RANDOM WEIGHTED NETWORKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2007</b> , 17, 2215-2255	2	51
11	Limited path percolation in complex networks. <i>Physical Review Letters</i> , <b>2007</b> , 99, 188701	7.4	24
10	Structural bottlenecks for communication in networks. <i>Physical Review E</i> , <b>2007</b> , 75, 036105	2.4	109

9	Anomalous electrical and frictionless flow conductance in complex networks. <i>Physica D: Nonlinear Phenomena</i> , <b>2006</b> , 224, 69-76	3.3	9
8	Universal behavior of optimal paths in weighted networks with general disorder. <i>Physical Review Letters</i> , <b>2006</b> , 96, 068702	7.4	32
7	Current flow in random resistor networks: the role of percolation in weak and strong disorder. <i>Physical Review E</i> , <b>2005</b> , 71, 045101	2.4	39
6	Possible connection between the optimal path and flow in percolation clusters. <i>Physical Review E</i> , <b>2005</b> , 72, 056131	2.4	10
5	Anomalous transport in scale-free networks. <i>Physical Review Letters</i> , <b>2005</b> , 94, 248701	7.4	82
4	Universality of the optimal path in the strong disorder limit. <i>Physical Review E</i> , <b>2004</b> , 70, 035102	2.4	10
3	Postbreakthrough behavior in flow through porous media. <i>Physical Review E</i> , <b>2003</b> , 67, 056314	2.4	17
2	The Network Picture of Labor Flow. <i>SSRN Electronic Journal</i> ,	1	5
1	The Network Composition of Aggregate Unemployment. <i>SSRN Electronic Journal</i> ,	1	1