

# Shuyang Gao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10597084/publications.pdf>

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8  
papers

267  
citations

1162889  
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docs citations

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times ranked

118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Explicit determination of mean first-passage time for random walks on deterministic uniform recursive trees. <i>Physical Review E</i> , 2010, 81, 016114.	0.8	52
2	Mapping Koch curves into scale-free small-world networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 395101.	0.7	46
3	Trapping in scale-free networks with hierarchical organization of modularity. <i>Physical Review E</i> , 2009, 80, 051120.	0.8	40
4	Role of fractal dimension in random walks on scale-free networks. <i>European Physical Journal B</i> , 2011, 84, 331-338.	0.6	33
5	Anomalous behavior of trapping on a fractal scale-free network. <i>Europhysics Letters</i> , 2009, 88, 10001.	0.7	30
6	Average distance in a hierarchical scale-free network: an exact solution. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P10022.	0.9	24
7	Impact of degree heterogeneity on the behavior of trapping in Koch networks. <i>Chaos</i> , 2010, 20, 043112.	1.0	24
8	Scaling of mean first-passage time as efficiency measure of nodes sending information on scale-free Koch networks. <i>European Physical Journal B</i> , 2011, 80, 209-216.	0.6	18