

# Charles D Brummitt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8403890/publications.pdf>

Version: 2024-02-01

14  
papers

967  
citations

1039880

9  
h-index

1125617

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

989  
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppressing cascades of load in interdependent networks. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E680-9.	3.3	450
2	Multiplexity-facilitated cascades in networks. Physical Review E, 2012, 85, 045102.	0.8	164
3	Threshold cascades with response heterogeneity in multiplex networks. Physical Review E, 2014, 90, 062816.	0.8	91
4	Transdisciplinary electric power grid science. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12159-12159.	3.3	49
5	Coupled catastrophes: sudden shifts cascade and hop among interdependent systems. Journal of the Royal Society Interface, 2015, 12, 20150712.	1.5	48
6	Cascades in multiplex financial networks with debts of different seniority. Physical Review E, 2015, 91, 062813.	0.8	46
7	Controlling Self-Organizing Dynamics on Networks Using Models that Self-Organize. Physical Review Letters, 2013, 111, 078701.	2.9	40
8	A search for the simplest chaotic partial differential equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 2717-2721.	0.9	23
9	Jigsaw percolation: What social networks can collaboratively solve a puzzle?. Annals of Applied Probability, 2015, 25, .	0.6	17
10	Contagious disruptions and complexity traps in economic development. Nature Human Behaviour, 2017, 1, 665-672.	6.2	12
11	Inside Money, Procyclical Leverage, and Banking Catastrophes. PLoS ONE, 2014, 9, e104219.	1.1	10
12	Machine-learned patterns suggest that diversification drives economic development. Journal of the Royal Society Interface, 2020, 17, 20190283.	1.5	9
13	Bottom-up model of self-organized criticality on networks. Physical Review E, 2014, 89, 012807.	0.8	8
14	Boundary Growth in One-Dimensional Cellular Automata. Complex Systems, 2012, 21, 85-116.	0.9	0