# Charles D Brummitt

List of Publications by Year
in descending order



| 14 | 967 | 1039880 9 | 1125617 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 989 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Machine-learned patterns suggest that diversification drives economic development. Journal of the Royal Society Interface, 2020, 17, 20190283. | 1.5 | 9 |
| 2 | Contagious disruptions and complexity traps in economic development. Nature Human Behaviour, 2017, 1, 665-672. | 6.2 | 12 |
| 3 | Cascades in multiplex financial networks with debts of different seniority. Physical Review E, 2015, 91, 062813. | 0.8 | 46 |
| 4 | Coupled catastrophes: sudden shifts cascade and hop among interdependent systems. Journal of the Royal Society Interface, 2015, 12, 20150712. | 1.5 | 48 |
| 5 | Jigsaw percolation: What social networks can collaboratively solve a puzzle?. Annals of Applied Probability, 2015, 25, . | 0.6 | 17 |
| 6 | Inside Money, Procyclical Leverage, and Banking Catastrophes. PLoS ONE, 2014, 9, e104219. | 1.1 | 10 |
| 7 | Threshold cascades with response heterogeneity in multiplex networks. Physical Review E, 2014, 90, 062816. | 0.8 | 91 |
| 8 | Bottom-up model of self-organized criticality on networks. Physical Review E, 2014, 89, 012807. | 0.8 | 8 |
| 9 | Controlling Self-Organizing Dynamics on Networks Using Models that Self-Organize. Physical Review Letters, 2013, 111, 078701. | 2.9 | 40 |
| 10 | 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 |
| 11 | Multiplexity-facilitated cascades in networks. Physical Review E, 2012, 85, 045102. | 0.8 | 164 |
| 12 | 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 |
| 13 | Boundary Growth in One-Dimensional Cellular Automata. Complex Systems, 2012, 21, 85-116. | 0.9 | 0 |
| 14 | 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 |