

Daniel A Eisenberg

List of Publications by Year in descending order

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28
papers

1,370
citations

471061

17
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	Resilience metrics for cyber systems. <i>Environment Systems and Decisions</i> , 2013, 33, 471-476.	1.9	194
2	Interdependent Infrastructure as Linked Social, Ecological, and Technological Systems (SETs) to Address Lock-in and Enhance Resilience. <i>Earth's Future</i> , 2018, 6, 1638-1659.	2.4	153
3	Measurable Resilience for Actionable Policy. <i>Environmental Science & Technology</i> , 2013, 47, 130903081548008.	4.6	112
4	Impacts of rising air temperatures on electric transmission ampacity and peak electricity load in the United States. <i>Environmental Research Letters</i> , 2016, 11, 114008.	2.2	101
5	Illustrating Anticipatory Life Cycle Assessment for Emerging Photovoltaic Technologies. <i>Environmental Science & Technology</i> , 2014, 48, 10531-10538.	4.6	100
6	Anticipatory life-cycle assessment for responsible research and innovation. <i>Journal of Responsible Innovation</i> , 2014, 1, 200-207.	2.3	93
7	Fail-safe and safe-to-fail adaptation: decision-making for urban flooding under climate change. <i>Climatic Change</i> , 2017, 145, 397-412.	1.7	85
8	Network topology and resilience analysis of South Korean power grid. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 465, 13-24.	1.2	79
9	Benchmarking agency and organizational practices in resilience decision making. <i>Environment Systems and Decisions</i> , 2015, 35, 185-195.	1.9	68
10	The "weak" interdependence of infrastructure systems produces mixed percolation transitions in multilayer networks. <i>Scientific Reports</i> , 2018, 8, 2111.	1.6	45
11	The Infrastructure Trolley Problem: Positioning Safe-to-fail Infrastructure for Climate Change Adaptation. <i>Earth's Future</i> , 2019, 7, 704-717.	2.4	42
12	Stability of a giant connected component in a complex network. <i>Physical Review E</i> , 2018, 97, 012309.	0.8	39
13	The vulnerability of interdependent urban infrastructure systems to climate change: could Phoenix experience a Katrina of extreme heat?. <i>Sustainable and Resilient Infrastructure</i> , 2019, 4, 21-35.	1.7	35
14	Extreme events in multilayer, interdependent complex networks and control. <i>Scientific Reports</i> , 2015, 5, 17277.	1.6	30
15	Comparative alternative materials assessment to screen toxicity hazards in the life cycle of CIGS thin film photovoltaics. <i>Journal of Hazardous Materials</i> , 2013, 260, 534-542.	6.5	28
16	In search of network resilience: An optimization-based view. <i>Networks</i> , 2021, 77, 225-254.	1.6	23
17	Sociotechnical Network Analysis for Power Grid Resilience in South Korea. <i>Complexity</i> , 2017, 2017, 1-14.	0.9	22
18	Redesigning Resilient Infrastructure Research. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2017, , 81-119.	0.1	18

#	ARTICLE	IF	CITATIONS
19	Linking Cascading Failure Models and Organizational Networks to Manage Large-Scale Blackouts in South Korea. <i>Journal of Management in Engineering - ASCE</i> , 2020, 36, .	2.6	16
20	Rethinking Resilience Analytics. <i>Risk Analysis</i> , 2019, 39, 1870-1884.	1.5	15
21	Network Foundation for Command and Control (C2) Systems: Literature Review. <i>IEEE Access</i> , 2018, 6, 68782-68794.	2.6	14
22	Risk and Resilience at the Oroville Dam. <i>Infrastructures</i> , 2018, 3, 49.	1.4	14
23	Holistic Infrastructure Resilience Research Requires Multiple Perspectives, Not Just Multiple Disciplines. <i>Infrastructures</i> , 2018, 3, 30.	1.4	12
24	A resilience engineering approach to integrating human and socio-technical system capacities and processes for national infrastructure resilience. <i>Journal of Homeland Security and Emergency Management</i> , 2019, 16, .	0.2	12
25	Surprise is inevitable: How do we train and prepare to make our critical infrastructure more resilient?. <i>International Journal of Disaster Risk Reduction</i> , 2022, 72, 102800.	1.8	11
26	Optimization and resilience of complex supply-demand networks. <i>New Journal of Physics</i> , 2015, 17, 063029.	1.2	7
27	Safe-to-Fail Climate Change Adaptation Strategies for Phoenix Roadways under Extreme Precipitation. , 2017, , .		1
28	The need to consider residual risk. <i>Nature Climate Change</i> , 2021, 11, 803-804.	8.1	1