

Samuel A Markolf

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9452414/publications.pdf>

Version: 2024-02-01

19
papers

633
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

700
citing authors

#	ARTICLE	IF	CITATIONS
1	Interdependent Infrastructure as Linked Social, Ecological, and Technological Systems (SETSs) to Address Lock-in and Enhance Resilience. <i>Earth's Future</i> , 2018, 6, 1638-1659.	6.3	153
2	Transportation resilience to climate change and extreme weather events – Beyond risk and robustness. <i>Transport Policy</i> , 2019, 74, 174-186.	6.6	127
3	A social-ecological-technological systems framework for urban ecosystem services. <i>One Earth</i> , 2022, 5, 505-518.	6.8	77
4	Infrastructure and the environment in the Anthropocene. <i>Journal of Industrial Ecology</i> , 2019, 23, 1006-1015.	5.5	48
5	An integrated approach for estimating greenhouse gas emissions from 100 U.S. metropolitan areas. <i>Environmental Research Letters</i> , 2017, 12, 024003.	5.2	42
6	Concepts and practices for transforming infrastructure from rigid to adaptable. <i>Sustainable and Resilient Infrastructure</i> , 2021, 6, 213-234.	2.8	38
7	Infrastructure resilience to navigate increasingly uncertain and complex conditions in the Anthropocene. <i>Npj Urban Sustainability</i> , 2021, 1, .	8.0	35
8	Re-imagining design storm criteria for the challenges of the 21st century. <i>Cities</i> , 2021, 109, 102981.	5.6	18
9	Centralization and decentralization for resilient infrastructure and complexity. <i>Environmental Research: Infrastructure and Sustainability</i> , 2021, 1, 021001.	2.3	18
10	Leveraging SETS resilience capabilities for safe-to-fail infrastructure under climate change. <i>Current Opinion in Environmental Sustainability</i> , 2022, 54, 101153.	6.3	17
11	Balancing efficiency and resilience objectives in pursuit of sustainable infrastructure transformations. <i>Current Opinion in Environmental Sustainability</i> , 2022, 56, 101181.	6.3	15
12	Understanding Urban Flood Resilience in the Anthropocene: A Social-Ecological-Technological Systems (SETS) Learning Framework. <i>Annals of the American Association of Geographers</i> , 2021, 111, 837-857.	2.2	13
13	Using Biomimicry to Support Resilient Infrastructure Design. <i>Earth's Future</i> , 2020, 8, e2020EF001653.	6.3	11
14	Adaptation frameworks used by US decision-makers: a literature review. <i>Environment Systems and Decisions</i> , 2015, 35, 427-436.	3.4	6
15	Social, Ecological, and Technological Strategies for Climate Adaptation. <i>Urban Book Series</i> , 2021, , 29-45.	0.6	5
16	The implications of scope and boundary choice on the establishment and success of metropolitan greenhouse gas reduction targets in the United States. <i>Environmental Research Letters</i> , 2018, 13, 124015.	5.2	4
17	Maintaining Reliability of Transportation Systems and Interconnected Infrastructure under Climate Change. , 2017, , .		3
18	Opportunities and Challenges for Artificial Intelligence Applications in Infrastructure Management During the Anthropocene. <i>Frontiers in Water</i> , 2021, 2, .	2.3	3

#	ARTICLE	IF	CITATIONS
19	Development and Evolution of Urban Infrastructure in Response to Historical Extreme Events. , 2017, , .		0