

# Neda Mohammadi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8274918/publications.pdf>

Version: 2024-02-01

18  
papers

403  
citations

1163117

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h-index

1372567

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g-index

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all docs

18  
docs citations

18  
times ranked

347  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart City Digital Twin-Enabled Energy Management: Toward Real-Time Urban Building Energy Benchmarking. Journal of Management in Engineering - ASCE, 2020, 36, .	4.8	159
2	Smart city digital twins. , 2017, , .		123
3	Urban energy flux: Spatiotemporal fluctuations of building energy consumption and human mobility-driven prediction. Applied Energy, 2017, 195, 810-818.	10.1	32
4	Thinking fast and slow in disaster decision-making with Smart City Digital Twins. Nature Computational Science, 2021, 1, 771-773.	8.0	15
5	Silence of the Tweets: incorporating social media activity drop-offs into crisis detection. Natural Hazards, 2020, 103, 1455-1477.	3.4	11
6	Investigating the association between mass transit adoption and COVID-19 infections in US metropolitan areas. Science of the Total Environment, 2022, 811, 152284.	8.0	11
7	Urban infrastructure-mobility energy flux. Energy, 2017, 140, 716-728.	8.8	10
8	Urban Energy Data Visualization and Management: Evaluating Community-Scale Eco-Feedback Approaches. Journal of Management in Engineering - ASCE, 2021, 37, .	4.8	9
9	Engineering Smarter Cities with Smart City Digital Twins. Journal of Management in Engineering - ASCE, 2021, 37, 02021001.	4.8	9
10	Community Dynamics in Smart City Digital Twins: A Computer Vision-based Approach for Monitoring and Forecasting Collective Urban Hazard Exposure. , 0, , .		8
11	Towards Smarter Cities: Linking Human Mobility and Energy Use Fluctuations across Building Types. , 2017, , .		5
12	Tipping the scales: how geographical scale affects the interpretation of social media behavior in crisis research. Natural Hazards, 2022, 112, 545-564.	3.4	5
13	Evaluating Temporal Shifts in City Scale Building Energy Benchmarks. , 2018, , .		2
14	Recurrent Mobility: Urban Conduits for Diffusion of Energy Efficiency. Scientific Reports, 2019, 9, 20247.	3.3	2
15	IoT Integration of Infrastructure Systems in Smart Cities: The Impact of Interdependencies in Building Energy Systems. , 2019, , .		1
16	Semi-Supervised Machine Learning Framework for Fusing Georeferenced Data from Social Media and Community-Driven Applications. , 2022, , .		1
17	Spatially Constrained Decentralization of Urban Energy Supply Driven by Fluctuations in Human Mobility. , 2017, , .		0
18	Significance of Scale in Spatial Dependencies of Urban Human Mobility and Energy Use: A Decision-Making Perspective. , 2017, , .		0