

Sayanti Mukherjee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21

papers

281

citations

8

h-index

16

g-index

22

ext. papers

359

ext. citations

4.9

avg, IF

4.42

L-index

#	Paper	IF	Citations
21	Implications of Increasing Household Air Conditioning Use Across the United States Under a Warming Climate. <i>Earth's Future</i> , 2022 , 10,	7.9	1
20	Multidimensional Population Health Modeling: A Data-Driven Multivariate Statistical Learning Approach. <i>IEEE Access</i> , 2022 , 10, 22737-22755	3.5	1
19	Suicide disparities across metropolitan areas in the US: A comparative assessment of socio-environmental factors using a data-driven predictive approach. <i>PLoS ONE</i> , 2021 , 16, e0258824	3.7	2
18	A Two-Stage Data-Driven Spatiotemporal Analysis to Predict Failure Risk of Urban Sewer Systems Leveraging Machine Learning Algorithms. <i>Risk Analysis</i> , 2021 ,	3.9	8
17	A multifaceted risk assessment approach using statistical learning to evaluate socio-environmental factors associated with regional felony and misdemeanor rates. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 574, 125984	3.3	2
16	Health-Behaviors Associated With the Growing Risk of Adolescent Suicide Attempts: A Data-Driven Cross-Sectional Study. <i>American Journal of Health Promotion</i> , 2021 , 35, 688-693	2.5	4
15	A multilevel scenario based predictive analytics framework to model the community mental health and built environment nexus. <i>Scientific Reports</i> , 2021 , 11, 17548	4.9	4
14	Evaluating the climate sensitivity of coupled electricity-natural gas demand using a multivariate framework. <i>Applied Energy</i> , 2020 , 262, 114419	10.7	16
13	Integrated Risk-informed Decision Framework to Minimize Wildfire-induced Power Outage Risks: A County-level Spatiotemporal Analysis 2020 ,		2
12	Towards Mental Wellbeing in Cities: A Data-driven Learning from Mental Health-Environment Nexus 2020 ,		3
11	Projected climate change impacts on Indiana's Energy demand and supply. <i>Climatic Change</i> , 2020 , 163, 1933-1947	4.5	8
10	Evaluating regional climate-electricity demand nexus: A composite Bayesian predictive framework. <i>Applied Energy</i> , 2019 , 235, 1561-1582	10.7	20
9	Assessing climate sensitivity of peak electricity load for resilient power systems planning and operation: A study applied to the Texas region. <i>Energy</i> , 2019 , 185, 1143-1153	7.9	20
8	A Data-Driven Approach to Assessing Supply Inadequacy Risks Due to Climate-Induced Shifts in Electricity Demand. <i>Risk Analysis</i> , 2019 , 39, 673-694	3.9	29
7	A multi-hazard approach to assess severe weather-induced major power outage risks in the U.S.. <i>Reliability Engineering and System Safety</i> , 2018 , 175, 283-305	6.3	68
6	A Novel Methodological Approach to Estimate the Impact of Natural Hazard-Induced Disasters on Country/Region-Level Economic Growth. <i>International Journal of Disaster Risk Science</i> , 2018 , 9, 74-85	4.6	2
5	Data on major power outage events in the continental U.S. <i>Data in Brief</i> , 2018 , 19, 2079-2083	1.2	12

4	Climate sensitivity of end-use electricity consumption in the built environment: An application to the state of Florida, United States. <i>Energy</i> , 2017 , 128, 688-700	7.9	4 ¹
3	Climate, weather, socio-economic and electricity usage data for the residential and commercial sectors in FL, U.S. <i>Data in Brief</i> , 2017 , 13, 192-195	1.2	3
2	A multi-paradigm framework to assess the impacts of climate change on end-use energy demand. <i>PLoS ONE</i> , 2017 , 12, e0188033	3.7	3 ²
1	Impact of geophysical and anthropogenic factors on wildfire size: a spatiotemporal data-driven risk assessment approach using statistical learning. <i>Stochastic Environmental Research and Risk Assessment</i> , 1	3.5	1