Sayanti Mukherjee

List of Publications by Citations

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	A multi-hazard approach to assess severe weather-induced major power outage risks in the U.S.. *Reliability Engineering and System Safety*, **2018**, 175, 283-305	6.3	68
20	Climate sensitivity of end-use electricity consumption in the built environment: An application to the state of Florida, United States. *Energy*, **2017**, 128, 688-700	7.9	41
19	A multi-paradigm framework to assess the impacts of climate change on end-use energy demand. *PLoS ONE*, **2017**, 12, e0188033	3.7	32
18	A Data-Driven Approach to Assessing Supply Inadequacy Risks Due to Climate-Induced Shifts in Electricity Demand. *Risk Analysis*, **2019**, 39, 673-694	3.9	29
17	Evaluating regional climate-electricity demand nexus: A composite Bayesian predictive framework. *Applied Energy*, **2019**, 235, 1561-1582	10.7	20
16	Assessing climate sensitivity of peak electricity load for resilient power systems planning and operation: A study applied to the Texas region. *Energy*, **2019**, 185, 1143-1153	7.9	20
15	Evaluating the climate sensitivity of coupled electricity-natural gas demand using a multivariate framework. *Applied Energy*, **2020**, 262, 114419	10.7	16
14	Data on major power outage events in the continental U.S. *Data in Brief*, **2018**, 19, 2079-2083	1.2	12
13	A Two-Stage Data-Driven Spatiotemporal Analysis to Predict Failure Risk of Urban Sewer Systems Leveraging Machine Learning Algorithms. *Risk Analysis*, **2021**,	3.9	8
12	Projected climate change impacts on Indiana's Energy demand and supply. *Climatic Change*, **2020**, 163, 1933-1947	4.5	8
11	Health-Behaviors Associated With the Growing Risk of Adolescent Suicide Attempts: A Data-Driven Cross-Sectional Study. *American Journal of Health Promotion*, **2021**, 35, 688-693	2.5	4
10	A multilevel scenario based predictive analytics framework to model the community mental health and built environment nexus. *Scientific Reports*, **2021**, 11, 17548	4.9	4
9	Climate, weather, socio-economic and electricity usage data for the residential and commercial sectors in FL, U.S. *Data in Brief*, **2017**, 13, 192-195	1.2	3
8	Towards Mental Wellbeing in Cities: A Data-driven Learning from Mental Health-Environment Nexus **2020**,		3
7	A Novel Methodological Approach to Estimate the Impact of Natural Hazard-Induced Disasters on Country/Region-Level Economic Growth. *International Journal of Disaster Risk Science*, **2018**, 9, 74-85	4.6	2
6	Suicide disparities across metropolitan areas in the US: A comparative assessment of socio-environmental factors using a data-driven predictive approach. *PLoS ONE*, **2021**, 16, e0258824	3.7	2
5	Integrated Risk-informed Decision Framework to Minimize Wildfire-induced Power Outage Risks: A County-level Spatiotemporal Analysis **2020**,		2

LIST OF PUBLICATIONS

4	A multifaceted risk assessment approach using statistical learning to evaluate socio-environmental factors associated with regional felony and misdemeanor rates. *Physica A: Statistical Mechanics and Its Applications*, **2021**, 574, 125984	3.3	2
3	Implications of Increasing Household Air Conditioning Use Across the United States Under a Warming Climate. *Earth's Future*, **2022**, 10,	7.9	1
2	Impact of geophysical and anthropogenic factors on wildfire size: a spatiotemporal data-driven risk assessment approach using statistical learning. *Stochastic Environmental Research and Risk Assessment*, 1	3.5	1
1	Multidimensional Population Health Modeling: A Data-Driven Multivariate Statistical Learning Approach. *IEEE Access*, **2022**, 10, 22737-22755	3.5	1