Joyashree Roy

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6831560/publications.pdf

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70	3,088	236833	168321
papers	citations	25 h-index	53 g-index

73	73	73	3247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards demand-side solutions for mitigating climate change. Nature Climate Change, 2018, 8, 260-263.	8.1	496
2	Technologies and policies to decarbonize global industry: Review and assessment of mitigation drivers through 2070. Applied Energy, 2020, 266, 114848.	5.1	427
3	Industrial energy efficiency and climate change mitigation. Energy Efficiency, 2009, 2, 109-123.	1.3	319
4	The rebound effect: some empirical evidence from India. Energy Policy, 2000, 28, 433-438.	4.2	189
5	Warning signs for stabilizing global CO ₂ emissions. Environmental Research Letters, 2017, 12, 110202.	2.2	158
6	Natural gas: A transition fuel for sustainable energy system transformation?. Energy Science and Engineering, 2019, 7, 1075-1094.	1.9	133
7	Demand-side solutions to climate change mitigation consistent with high levels of well-being. Nature Climate Change, 2022, 12, 36-46.	8.1	133
8	Integrating Global Climate Change Mitigation Goals with Other Sustainability Objectives: A Synthesis. Annual Review of Environment and Resources, 2015, 40, 363-394.	5.6	83
9	Electro-chemical arsenic remediation: Field trials in West Bengal. Science of the Total Environment, 2014, 488-489, 539-546.	3.9	76
10	Rebound effect: how much to worry?. Current Opinion in Environmental Sustainability, 2013, 5, 216-228.	3.1	72
11	Renewable Energy in the Context of Sustainable Development. , 2011, , 707-790.		59
12	Potential implications of carbon dioxide removal for the sustainable development goals. Climate Policy, 2021, 21, 678-698.	2.6	59
13	Urban Health Inequities and the Added Pressure of Climate Change: An Action-Oriented Research Agenda. Journal of Urban Health, 2011, 88, 886-895.	1.8	57
14	Estimating energy-augmenting technological change in developing country industries. Energy Economics, 2006, 28, 720-729.	5.6	55
15	Understanding technological progress and input price as drivers of energy demand in manufacturing industries in India. Energy Policy, 2015, 83, 1-13.	4.2	48
16	Economic benefits of arsenic removal from ground water â€" A case study from West Bengal, India. Science of the Total Environment, 2008, 397, 1-12.	3.9	45
17	Lifestyles and climate change: link awaiting activation. Current Opinion in Environmental Sustainability, 2009, 1, 192-200.	3.1	41
18	Energy Efficiency: What Has Research Delivered in the Last 40 Years?. Annual Review of Environment and Resources, 2021, 46, 135-165.	5.6	41

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19	Unpacking sustainabilities in diverse transition contexts: solar photovoltaic and urban mobility experiments in India and Thailand. Sustainability Science, 2017, 12, 579-596.	2.5	40
20	Reviewing the scope and thematic focus of 100â€‰000 publications on energy consumption, services and social aspects of climate change: a big data approach to demand-side mitigation [*]. Environmental Research Letters, 2021, 16, 033001.	2.2	34
21	Can low-carbon urban development be pro-poor? The case of Kolkata, India. Environment and Urbanization, 2017, 29, 139-158.	1.5	32
22	Are homegarden ecosystems resilient to climatic change? An analysis of adaptation strategies of homegardeners in Sri Lanka. APN Science Bulletin, 2012, 2, 22-27.	0.2	32
23	Substitution and price elasticity estimates using inter-country pooled data in a translog cost model. Energy Economics, 2006, 28, 706-719.	5.6	31
24	Fiscal instruments: crucial role in financing low carbon transition in energy systems. Current Opinion in Environmental Sustainability, 2013, 5, 261-269.	3.1	28
25	Strategies for successful field deployment in a resource-poor region: Arsenic remediation technology for drinking water. Development Engineering, 2019, 4, 100045.	1.4	28
26	SOCIAL ACCOUNTING MATRIX FOR INDIA. Economic Systems Research, 2012, 24, 77-99.	1.2	27
27	Productivity Trends in Indiaâ€™s Energy Intensive Industries. Energy Journal, 1999, 20, 33-61.	0.9	27
28	Analysing energy intensity trends and decoupling of growth from energy use in Indian manufacturing industries during 1973â€“1974 to 2011â€“2012. Energy Efficiency, 2017, 10, 925-943.	1.3	26
29	Demand side climate change mitigation actions and SDGs: literature review with systematic evidence search. Environmental Research Letters, 2021, 16, 043003.	2.2	26
30	Sustainable Living: Bridging the North-South Divide in Lifestyles and Consumption Debates. Annual Review of Environment and Resources, 2019, 44, 157-175.	5.6	23
31	Solar lanterns for rural households. Energy, 1998, 23, 67-68.	4.5	18
32	Qualitative Inputâ€“Output Analysis of the Indian Economic Structure. Economic Systems Research, 1998, 10, 263-274.	1.2	18
33	Multiproject baselines for evaluation of electric power projects. Energy Policy, 2004, 32, 1303-1317.	4.2	15
34	Where is the hope? Blending modern urban lifestyle with cultural practices in India. Current Opinion in Environmental Sustainability, 2018, 31, 96-103.	3.1	15
35	India can increase its mitigation ambition: An analysis based on historical evidence of decoupling between emission and economic growth. Energy for Sustainable Development, 2020, 57, 189-199.	2.0	15
36	Human wellâ€being and per capita energy use. Ecosphere, 2022, 13, .	1.0	13

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37	Cost of oil-based decentralized power generation in India: Scope for SPV technology. Solar Energy, 1996, 57, 231-237.	2.9	12
38	Climate change mitigation policy paradigmsâ€"national objectives and alignments. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 45-71.	1.0	12
39	Energy and carbon footprint: numbers matter in low energy and low carbon choices. Current Opinion in Environmental Sustainability, 2013, 5, 237-243.	3.1	11
40	Socio - Economic Characteristics of Farmers Influencing Adaptation to Climate Change: Empirical Results from Selected Homegardens in South Asia with Emphasis on Commercial Orientation. HRM Scintilla, 2013, 2, .	0.0	10
41	Determinants of the use of alternatives to arsenic-contaminated shallow groundwater: an exploratory study in rural West Bengal, India. Journal of Water and Health, 2017, 15, 799-812.	1.1	9
42	Exploring Futures of the Hindu Kush Himalaya: Scenarios and Pathways. , 2019, , 99-125.		8
43	Towards a Zero-Carbon Electricity System for India in 2050: IDEEA Model-Based Scenarios Integrating Wind and Solar Complementarity and Geospatial Endowments. Energies, 2021, 14, 7063.	1.6	8
44	GHG Emissions and Economic Growth. India Studies in Business and Economics, 2015, , .	0.2	7
45	Home gardens in the Paschim Medinipur District of West Bengal in India: a land use system with multiple benefits. International Journal of Environment and Sustainable Development, 2015, 14, 191.	0.2	6
46	Managing Climatic Risks in Agriculture. India Studies in Business and Economics, 2022, , 83-108.	0.2	6
47	Energy systems in the context of sustainable development. Current Opinion in Environmental Sustainability, 2013, 5, 136-140.	3.1	5
48	Trend Analysis of Mainstreaming Flood Risk Reduction into Spatial Planning in Thailand. Sustainability, 2022, 14, 1119.	1.6	5
49	Ecological footprint of paperboard and paper production unit in India. Environment, Development and Sustainability, 2015, 17, 909-921.	2.7	4
50	The Global South: New Estimates and Insights from Urban India. , 2016, , 55-72.		4
51	Socio-Economic Analysis of Arsenic Contamination of Groundwater in West Bengal. India Studies in Business and Economics, 2016, , .	0.2	4
52	Biodiversity and Impacts of Climate Change in Home Gardens. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 113-134.	0.3	4
53	Designing PAT as a Climate Policy in India: Issues Learnt from EU-ETS. , 2016, , 315-328.		3
54	National Mission on Bio-Diesel in India (2003): An Assessment Based on Strategic Niche Management. Green Energy and Technology, 2018, , 229-255.	0.4	3

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55	Potential for Energy Efficiency: Developing Nations. , 2004, , 117-133.		3
56	Allen or Morishima Elasticities: Some Empirical Evidence from Indian Manufacturing Sector. Artha Vijnana Journal of the Gokhale Institute of Politics and Economics, 1995, 37, 66.	0.0	3
57	Urban mobility experiments in India and Thailand. , 2016, , 122-136.		3
58	Willingness to pay (WTP) for arsenic-safe drinking water: A case study to understand societal embedding of ECAR technology in rural West Bengal, India. Development Engineering, 2022, 7, 100096.	1.4	3
59	Role of Gas-Fuelled Solutions in Support of Future Sustainable Energy World: Part II: Case Studies. Green Energy and Technology, 2018, , 35-86.	0.4	2
60	Climate Change and Diseases of Plants and Animals. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 37-62.	0.3	2
61	An Environmental Computable General Equilibrium (CGE) Model for India. India Studies in Business and Economics, 2015, , 73-93.	0.2	2
62	Biodiversity and Impacts of Climate Change in Home Gardens. , 2022, , 1432-1453.		2
63	The Great Intergenerational Robbery: A Call for Concerted Action Against Environmental Crises. Annual Review of Environment and Resources, 2022, 47, 1-4.	5.6	2
64	Estimating baselines for CDM: case of eastern regional power grid in India. Environmental Economics and Policy Studies, 2002, 5, 121-134.	0.8	1
65	Fast-Growing Developing Countries: Dilemma and Way Forward in a Carbon-Constrained World. India Studies in Business and Economics, 2021, , 23-41.	0.2	1
66	Climate policy rather than politics should be the result. Environmental Development, 2015, 14, 63.	1.8	0
67	Selected Issues in Economics of Greenhouse Gas Emission Mitigation. , 2020, , 743-750.		0
68	Exacerbating Health Risks in India due to Climate Change. , 2017, , 1325-1350.		0
69	Exacerbating Health Risks in India due to Climate Change. , 0, , 1102-1127.		0
70	Climate Change and Diseases of Plants and Animals. , 2022, , 1454-1474.		0