

Joyashree Roy

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

3,088
citations

236833

25
h-index

168321

53
g-index

73
all docs

73
docs citations

73
times ranked

3247
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiversity and Impacts of Climate Change in Home Gardens. , 2022, , 1432-1453.		2
2	Climate Change and Diseases of Plants and Animals. , 2022, , 1454-1474.		0
3	Demand-side solutions to climate change mitigation consistent with high levels of well-being. Nature Climate Change, 2022, 12, 36-46.	8.1	133
4	Trend Analysis of Mainstreaming Flood Risk Reduction into Spatial Planning in Thailand. Sustainability, 2022, 14, 1119.	1.6	5
5	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
6	Managing Climatic Risks in Agriculture. India Studies in Business and Economics, 2022, , 83-108.	0.2	6
7	Human well-being and per capita energy use. Ecosphere, 2022, 13, .	1.0	13
8	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
9	Potential implications of carbon dioxide removal for the sustainable development goals. Climate Policy, 2021, 21, 678-698.	2.6	59
10	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
11	Reviewing the scope and thematic focus of 100,000 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
12	Demand side climate change mitigation actions and SDGs: literature review with systematic evidence search. Environmental Research Letters, 2021, 16, 043003.	2.2	26
13	Energy Efficiency: What Has Research Delivered in the Last 40 Years?. Annual Review of Environment and Resources, 2021, 46, 135-165.	5.6	41
14	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
15	Selected Issues in Economics of Greenhouse Gas Emission Mitigation. , 2020, , 743-750.		0
16	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
17	Technologies and policies to decarbonize global industry: Review and assessment of mitigation drivers through 2070. Applied Energy, 2020, 266, 114848.	5.1	427
18	Biodiversity and Impacts of Climate Change in Home Gardens. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 113-134.	0.3	4

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19	Climate Change and Diseases of Plants and Animals. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 37-62.	0.3	2
20	Natural gas: A transition fuel for sustainable energy system transformation?. Energy Science and Engineering, 2019, 7, 1075-1094.	1.9	133
21	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
22	Strategies for successful field deployment in a resource-poor region: Arsenic remediation technology for drinking water. Development Engineering, 2019, 4, 100045.	1.4	28
23	Exploring Futures of the Hindu Kush Himalaya: Scenarios and Pathways. , 2019, , 99-125.		8
24	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
25	Towards demand-side solutions for mitigating climate change. Nature Climate Change, 2018, 8, 260-263.	8.1	496
26	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
27	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
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	Can low-carbon urban development be pro-poor? The case of Kolkata, India. Environment and Urbanization, 2017, 29, 139-158.	1.5	32
30	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
31	Warning signs for stabilizing global CO ₂ emissions. Environmental Research Letters, 2017, 12, 110202.	2.2	158
32	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
33	Exacerbating Health Risks in India due to Climate Change. , 2017, , 1325-1350.		0
34	The Global South: New Estimates and Insights from Urban India. , 2016, , 55-72.		4
35	Socio-Economic Analysis of Arsenic Contamination of Groundwater in West Bengal. India Studies in Business and Economics, 2016, , .	0.2	4
36	Designing PAT as a Climate Policy in India: Issues Learnt from EU-ETS. , 2016, , 315-328.		3

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37	Urban mobility experiments in India and Thailand. , 2016, , 122-136.		3
38	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
39	Ecological footprint of paperboard and paper production unit in India. Environment, Development and Sustainability, 2015, 17, 909-921.	2.7	4
40	Climate policy rather than politics should be the result. Environmental Development, 2015, 14, 63.	1.8	0
41	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
42	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
43	GHG Emissions and Economic Growth. India Studies in Business and Economics, 2015, , .	0.2	7
44	An Environmental Computable General Equilibrium (CGE) Model for India. India Studies in Business and Economics, 2015, , 73-93.	0.2	2
45	Electro-chemical arsenic remediation: Field trials in West Bengal. Science of the Total Environment, 2014, 488-489, 539-546.	3.9	76
46	Climate change mitigation policy paradigmsâ€™ national objectives and alignments. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 45-71.	1.0	12
47	Energy systems in the context of sustainable development. Current Opinion in Environmental Sustainability, 2013, 5, 136-140.	3.1	5
48	Rebound effect: how much to worry?. Current Opinion in Environmental Sustainability, 2013, 5, 216-228.	3.1	72
49	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
50	Fiscal instruments: crucial role in financing low carbon transition in energy systems. Current Opinion in Environmental Sustainability, 2013, 5, 261-269.	3.1	28
51	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
52	SOCIAL ACCOUNTING MATRIX FOR INDIA. Economic Systems Research, 2012, 24, 77-99.	1.2	27
53	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
54	Renewable Energy in the Context of Sustainable Development. , 2011, , 707-790.		59

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55	Urban Health Inequities and the Added Pressure of Climate Change: An Action-Oriented Research Agenda. <i>Journal of Urban Health</i> , 2011, 88, 886-895.	1.8	57
56	Lifestyles and climate change: link awaiting activation. <i>Current Opinion in Environmental Sustainability</i> , 2009, 1, 192-200.	3.1	41
57	Industrial energy efficiency and climate change mitigation. <i>Energy Efficiency</i> , 2009, 2, 109-123.	1.3	319
58	Economic benefits of arsenic removal from ground water – A case study from West Bengal, India. <i>Science of the Total Environment</i> , 2008, 397, 1-12.	3.9	45
59	Estimating energy-augmenting technological change in developing country industries. <i>Energy Economics</i> , 2006, 28, 720-729.	5.6	55
60	Substitution and price elasticity estimates using inter-country pooled data in a translog cost model. <i>Energy Economics</i> , 2006, 28, 706-719.	5.6	31
61	Multiproject baselines for evaluation of electric power projects. <i>Energy Policy</i> , 2004, 32, 1303-1317.	4.2	15
62	Potential for Energy Efficiency: Developing Nations. , 2004, , 117-133.		3
63	Estimating baselines for CDM: case of eastern regional power grid in India. <i>Environmental Economics and Policy Studies</i> , 2002, 5, 121-134.	0.8	1
64	The rebound effect: some empirical evidence from India. <i>Energy Policy</i> , 2000, 28, 433-438.	4.2	189
65	Productivity Trends in India’s Energy Intensive Industries. <i>Energy Journal</i> , 1999, 20, 33-61.	0.9	27
66	Solar lanterns for rural households. <i>Energy</i> , 1998, 23, 67-68.	4.5	18
67	Qualitative Input-Output Analysis of the Indian Economic Structure. <i>Economic Systems Research</i> , 1998, 10, 263-274.	1.2	18
68	Cost of oil-based decentralized power generation in India: Scope for SPV technology. <i>Solar Energy</i> , 1996, 57, 231-237.	2.9	12
69	Allen or Morishima Elasticities: Some Empirical Evidence from Indian Manufacturing Sector. <i>Artha Vijnana Journal of the Gokhale Institute of Politics and Economics</i> , 1995, 37, 66.	0.0	3
70	Exacerbating Health Risks in India due to Climate Change. , 0, , 1102-1127.		0