

Subhes C Bhattacharyya

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.

129
papers

2,872
citations

28
h-index

52
g-index

167
ext. papers

3,310
ext. citations

4.7
avg, IF

6.29
L-index

#	Paper	IF	Citations
129	Evolution of GIS-based rural electrification planning models and an application of OnSSET in Nigeria. <i>Renewable and Sustainable Energy Transition</i> , 2022 , 2, 100019		1
128	Finance Mechanisms and Incentives for Off-Grid Photovoltaic Technologies in the Solar Belt 2021 , 82-82		1
127	Integrating the Sustainable Development Goals (SDGs) into Urban Climate Plans in the UK and Japan: A Text Analysis. <i>Climate</i> , 2021 , 9, 100	3.1	0
126	Reducing non-residential asset sanitisation water footprint for improved public health in water-deficient cities. <i>Sustainable Cities and Society</i> , 2021 , 75, 103268	10.1	0
125	Enabling Policies for Advancing Sustainability of Electricity Access Programs 2020 , 1-17		
124	Marginalisation of off-grid energy sector in Sri Lanka: What lessons could be learnt?. <i>Environment, Development and Sustainability</i> , 2020 , 22, 5219-5243	4.5	1
123	Sustainability of community-owned mini-grids: evidence from India. <i>Energy, Sustainability and Society</i> , 2019 , 9,	3.9	20
122	Energy Demand Forecasting 2019 , 121-145		1
121	Energy Access 2019 , 493-523		0
120	Energy Pricing and Taxation 2019 , 249-292		
119	Reform of the Energy Sector 2019 , 777-810		
118	Energy Demand Analysis 2019 , 41-82		
117	Energy Investment Issues 2019 , 469-491		1
116	Energy Data and Energy Balance 2019 , 7-40		0
115	Sectoral Energy Demand Analysis 2019 , 83-120		
114	Institutions and the Energy Sector Governance 2019 , 753-776		
113	Energy and Sustainable Development 2019 , 387-414		

112 The Economics of Environment Protection **2019**, 293-329

111 Solar PV mini-grids versus large-scale embedded PV generation: A case study of Uttar Pradesh (India). *Energy Policy*, **2019**, 128, 36-44 7.2 21

110 Natural Gas Market **2019**, 647-682 1

109 Preliminary identification of potential markets for off-grid electrification: tool development and a case study of Ghana. *International Journal of Sustainable Energy*, **2018**, 37, 147-172 2.7 1

108 A Conceptual Framework for Vulnerability Assessment of Climate Change Impact on Critical Oil and Gas Infrastructure in the Niger Delta. *Climate*, **2018**, 6, 11 3.1 6

107 Mini-Grids for the Base of the Pyramid Market: A Critical Review. *Energies*, **2018**, 11, 813 3.1 18

106 Are the off-grid customers ready to pay for electricity from the decentralized renewable hybrid mini-grids? A study of willingness to pay in rural Bangladesh. *Energy*, **2017**, 139, 433-446 7.9 18

105 Off-grid electricity interventions for cleaner livelihoods: A case study of value chain development in Dhenkanal district of Odisha. *Journal of Cleaner Production*, **2017**, 142, 191-202 10.3 14

104 Replication and scaling-up of isolated mini-grid type of off-grid interventions in India. *AIMS Energy*, **2016**, 4, 222-255 1.8 1

103 Enabling Policies for Advancing Sustainability of Electricity Access Programs. *Advances in Finance, Accounting, and Economics*, **2016**, 177-193 0.3

102 Decentralized Renewable Hybrid Mini-Grids for Sustainable Electrification of the Off-Grid Coastal Areas of Bangladesh. *Energies*, **2016**, 9, 268 3.1 30

101 Mini-grid based off-grid electrification to enhance electricity access in developing countries: What policies may be required?. *Energy Policy*, **2016**, 94, 166-178 7.2 103

100 Analysis of off-grid electricity system at Isle of Eigg (Scotland): Lessons for developing countries. *Renewable Energy*, **2015**, 81, 578-588 8.1 65

99 Ghana's bioenergy policy: Is 20% biofuel integration achievable by 2030?. *Renewable and Sustainable Energy Reviews*, **2015**, 43, 32-39 16.2 15

98 Mini-grid based electrification in Bangladesh: Technical configuration and business analysis. *Renewable Energy*, **2015**, 75, 745-761 8.1 73

97 Effect of Technology Change on (hbox {CO}_{2}) Emissions in Japan's Industrial Sectors in the Period 1995-2005: An Input-Output Structural Decomposition Analysis. *Environmental and Resource Economics*, **2015**, 61, 165-189 4.4 30

96 Sustainable Energy Development Index: A multi-dimensional indicator for measuring sustainable energy development. *Renewable and Sustainable Energy Reviews*, **2015**, 50, 513-530 16.2 141

95 Influence of India's transformation on residential energy demand. *Applied Energy*, **2015**, 143, 228-237 10.7 34

94	Viability of off-grid electricity supply using rice husk: A case study from South Asia. <i>Biomass and Bioenergy</i> , 2014 , 68, 44-54	5.3	61
93	Structural and macro-economic changes in India and the implications for the residential energy demand. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2014 , 3, 535-539	4.7	3
92	Off-grid electricity generation with renewable energy technologies in India: An application of HOMER. <i>Renewable Energy</i> , 2014 , 62, 388-398	8.1	354
91	Business Issues for Mini-Grid-Based Electrification in Developing Countries. <i>Green Energy and Technology</i> , 2014 , 145-164	0.6	2
90	Renewable Energy-Based Mini-Grid for Rural Electrification: Case Study of an Indian Village. <i>Green Energy and Technology</i> , 2014 , 203-232	0.6	3
89	From SHS to Mini-Grid-Based Off-Grid Electrification: A Case Study of Bangladesh. <i>Green Energy and Technology</i> , 2014 , 233-282	0.6	1
88	Viability of Husk-Based Mini-Grids in South Asia. <i>Green Energy and Technology</i> , 2014 , 373-393	0.6	
87	Analytical Frameworks and an Integrated Approach for Mini-Grid-Based Electrification. <i>Green Energy and Technology</i> , 2014 , 95-134	0.6	
86	Suite of Off-Grid Options in South Asia. <i>Green Energy and Technology</i> , 2014 , 11-36	0.6	1
85	Poverty Amidst Plenty: Renewable Energy-Based Mini-Grid Electrification in Nepal. <i>Green Energy and Technology</i> , 2014 , 343-371	0.6	3
84	To regulate or not to regulate off-grid electricity access in developing countries. <i>Energy Policy</i> , 2013 , 63, 494-503	7.2	21
83	Financing energy access and off-grid electrification: A review of status, options and challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2013 , 20, 462-472	16.2	90
82	Financing Electrification and Off-Grid Electricity Access Systems. <i>Green Energy and Technology</i> , 2013 , 227-252	0.6	2
81	Energy Access and Development 2013 , 227-243		3
80	Rural Electrification Experience from South-East Asia and South America. <i>Green Energy and Technology</i> , 2013 , 157-184	0.6	2
79	Regulatory Issues Related to Off-Grid Electricity Access. <i>Green Energy and Technology</i> , 2013 , 271-283	0.6	1
78	The Chinese Model of Rural Electrification and Electricity Access. <i>Green Energy and Technology</i> , 2013 , 105-129	0.6	1
77	Electrification Experiences from Sub-Saharan Africa. <i>Green Energy and Technology</i> , 2013 , 131-156	0.6	6

76	Review of alternative methodologies for analysing off-grid electricity supply. <i>Renewable and Sustainable Energy Reviews</i> , 2012 , 16, 677-694	16.2	109
75	Energy access programmes and sustainable development: A critical review and analysis. <i>Energy for Sustainable Development</i> , 2012 , 16, 260-271	5.4	180
74	The Chinese electricity access model for rural electrification: Approach, experience and lessons for others. <i>Energy Policy</i> , 2012 , 49, 676-687	7.2	50
73	Understanding and Analysing Energy Demand 2011 , 41-76		4
72	Impact of High Energy Prices 2011 , 441-462		1
71	Markets for Natural Gas 2011 , 353-381		
70	Pollution Control from Stationary Sources 2011 , 563-577		
69	Investment Issues in the Energy Sector 2011 , 485-502		
68	The Economics of Climate Change 2011 , 597-622		1
67	Regulation of Energy Industries 2011 , 649-681		
66	Energy Access 2011 , 503-523		1
65	The Economics of Renewable Energy Supply 2011 , 249-273		2
64	Overview of Global Energy Challenges 2011 , 419-439		
63	Energy Data and Energy Balance 2011 , 9-39		2
62	Economic Analysis of Energy Investments 2011 , 163-189		3
61	Economics of Fossil Fuel Supply 2011 , 191-220		
60	Pollution Control from Mobile Sources 2011 , 579-595		
59	Energy Demand Analysis at a Disaggregated Level 2011 , 77-106		1

58	Energy Pricing and Taxation 2011 , 299-324		
57	Economics of Non-Renewable Resource Supply 2011 , 219-225		
56	Integrated Analysis of Energy Systems 2011 , 393-416		0
55	Energy Demand Management 2011 , 135-160		1
54	The Clean Development Mechanism 2011 , 623-645		1
53	The Economics of Environment Protection 2011 , 527-561		
52	Energy Markets and Principles of Energy Pricing 2011 , 277-297		
51	Energy Economics 2011 ,		71
50	Integration of wind power into the British system in 2020. <i>Energy</i> , 2011 , 36, 5975-5983	7.9	31
49	Introduction to Energy Economics 2011 , 1-5		
48	A review of energy system models. <i>International Journal of Energy Sector Management</i> , 2010 , 4, 494-518	2.5	188
47	Changes in the GHG emission intensity in EU-15: Lessons from a decomposition analysis. <i>Energy</i> , 2010 , 35, 3315-3322	7.9	64
46	Modelling energy demand of developing countries: Are the specific features adequately captured?. <i>Energy Policy</i> , 2010 , 38, 1979-1990	7.2	72
45	Analysis of oil export dependency of MENA countries: Drivers, trends and prospects. <i>Energy Policy</i> , 2010 , 38, 1098-1107	7.2	23
44	Shaping a sustainable energy future for India: Management challenges. <i>Energy Policy</i> , 2010 , 38, 4173-4185	7.2	47
43	International Handbook on the Energy Economics 2010 Edited by Joanne Evans and Lester C. Hunt. International Handbook on the Energy Economics. Cheltenham, UK: Edward Elgar 2009. xv+831 pages, ISBN: 978-1-84720-352-6. <i>International Journal of Energy Sector Management</i> , 2010 , 4, 482-486	2.5	2
42	Domestic demand for petroleum products in MENA countries. <i>Energy Policy</i> , 2009 , 37, 1552-1560	7.2	27
41	Emerging regulatory challenges facing the Indian rural electrification programme. <i>Energy Policy</i> , 2009 , 37, 68-79	7.2	19

40	Fossil-fuel dependence and vulnerability of electricity generation: Case of selected European countries. <i>Energy Policy</i> , 2009 , 37, 2411-2420	7.2	38
39	Energy Demand Models For Policy Formulation: A Comparative Study Of Energy Demand Models. <i>Policy Research Working Papers</i> , 2009 ,	2.1	63
38	Investments to promote electricity supply in India: Regulatory and governance challenges and options. <i>Journal of World Energy Law and Business</i> , 2008 , 1, 201-223	0.2	7
37	Electricity capacity expansion in Thailand: An analysis of gas dependence and fuel import reliance. <i>Energy</i> , 2008 , 33, 712-723	7.9	24
36	Expanding electricity capacity in Thailand to meet the twin challenges of supply security and environmental protection. <i>Energy Policy</i> , 2008 , 36, 2265-2278	7.2	10
35	Power sector reform in South Asia: Why slow and limited so far?. <i>Energy Policy</i> , 2007 , 35, 317-332	7.2	51
34	Sustainability of power sector reform in India: what does recent experience suggest?. <i>Journal of Cleaner Production</i> , 2007 , 15, 235-246	10.3	19
33	High gas dependence for power generation in Thailand: The vulnerability analysis. <i>Energy Policy</i> , 2007 , 35, 3335-3346	7.2	20
32	Managing risk in a large rural electrification programme in India. <i>Impact Assessment and Project Appraisal</i> , 2007 , 25, 15-26	1.7	8
31	The White Paper on energy: will it really meet the United Kingdom's energy challenge?. <i>International Journal of Energy Sector Management</i> , 2007 , 1, 413-424	2.5	4
30	Energy sector management issues: an overview. <i>International Journal of Energy Sector Management</i> , 2007 , 1, 13-33	2.5	16
29	Universal electrification: will the new electrification programme succeed in India?. <i>OPEC Review</i> , 2006 , 30, 105-123		2
28	Access to energy services by the poor in India: Current situation and need for alternative strategies. <i>Natural Resources Forum</i> , 2006 , 30, 2-14	2.2	31
27	Renewable energies and the poor: niche or nexus?. <i>Energy Policy</i> , 2006 , 34, 659-663	7.2	37
26	Energy access problem of the poor in India: Is rural electrification a remedy?. <i>Energy Policy</i> , 2006 , 34, 3387-3397	7.2	175
25	Changes in energy intensities of Thai industry between 1981 and 2000: a decomposition analysis. <i>Energy Policy</i> , 2005 , 33, 995-1002	7.2	25
24	Cogeneration potential in pulp and paper industry of Vietnam. <i>International Journal of Energy Research</i> , 2005 , 29, 345-358	4.5	7
23	The Electricity Act 2003: will it transform the Indian power sector?. <i>Utilities Policy</i> , 2005 , 13, 260-272	3.3	40

22	Changes in energy demand in Thai industry between 1981 and 2000. <i>Energy</i> , 2005 , 30, 1845-1857	7.9	12
21	Rural electricity tariffs: case of India. <i>International Journal of Regulation and Governance</i> , 2005 , 5, 93-122		6
20	The Cogeneration Potential of the Sugar Industry in Vietnam. <i>OPEC Review</i> , 2004 , 28, 63-80		2
19	Short-term electric load forecasting using an artificial neural network: case of Northern Vietnam. <i>International Journal of Energy Research</i> , 2004 , 28, 463-472	4.5	13
18	Decomposition of energy and CO2 intensities of Thai industry between 1981 and 2000. <i>Energy Economics</i> , 2004 , 26, 765-781	8.3	63
17	Economic buy-back rates for electricity from cogeneration: Case of sugar industry in Vietnam. <i>Energy</i> , 2004 , 29, 1039-1051	7.9	11
16	Selection of power market structure using the analytic hierarchy process. <i>International Journal of Global Energy Issues</i> , 2003 , 20, 36	0.3	6
15	Electric load forecasting for northern Vietnam, using an artificial neural network. <i>OPEC Review</i> , 2003 , 27, 159-170		1
14	Regulating the power industry in a regime of incomplete information: lessons from the Indian experience. <i>International Journal of Regulation and Governance</i> , 2002 , 2, 81-106		3
13	Energy taxation and the environment: a developing country perspective. <i>Natural Resources Forum</i> , 1997 , 21, 273-280	2.2	4
12	AN ESTIMATION OF ENVIRONMENTAL COSTS OF COAL-BASED THERMAL POWER GENERATION IN INDIA. <i>International Journal of Energy Research</i> , 1997 , 21, 289-298	4.5	5
11	Deregulation of petroleum product prices: the case of India. <i>Natural Resources Forum</i> , 1996 , 20, 281-291	2.2	1
10	A preliminary estimate of the external costs of energy use in the transport sector: a case study of India. <i>OPEC Review</i> , 1996 , 20, 247-262		2
9	Applied general equilibrium models for energy studies: a survey. <i>Energy Economics</i> , 1996 , 18, 145-164	8.3	64
8	Domestic Energy Pricing Policies in Developing Countries: Why Are Economic Prescriptions Shelved?. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1996 , 18, 855-874		4
7	Thermal power generation and environment: A review of the Indian case. <i>International Journal of Energy Research</i> , 1995 , 19, 185-198	4.5	8
6	Domestic Petroleum Product Pricing Policy: Old Issues in New Perspective. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1995 , 17, 583-594		1
5	Power Sector Privatization in Developing Countries: Will It Solve All Problems?. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1995 , 17, 373-389		3

4	Estimation of subsidies on coal in India. <i>Natural Resources Forum</i> , 1995 , 19, 135-142	2.2	1
3	Fossil fuel subsidies: the case of petroleum products in India. <i>OPEC Review</i> , 1995 , 19, 71-88		2
2	An overview of problems and prospects for the Indian power sector. <i>Energy</i> , 1994 , 19, 795-803	7.9	21
1	Environment-Thermal Power Generation Nexus: The Indian Scenario. <i>Energy and Environment</i> , 1994 , 5, 105-120	2.4	3