

Ravi Prakash

List of Publications by Citations

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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.

34
papers

1,759
citations

13
h-index

37
g-index

37
ext. papers

1,981
ext. citations

3.8
avg, IF

5.07
L-index

#	Paper	IF	Citations
34	Life cycle energy analysis of buildings: An overview. <i>Energy and Buildings</i> , 2010 , 42, 1592-1600	7	796
33	LCA of renewable energy for electricity generation systems: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2009 , 13, 1067-1073	16.2	331
32	Energy, economics and environmental impacts of renewable energy systems. <i>Renewable and Sustainable Energy Reviews</i> , 2009 , 13, 2716-2721	16.2	172
31	Life cycle energy analysis of a residential building with different envelopes and climates in Indian context. <i>Applied Energy</i> , 2012 , 89, 193-202	10.7	77
30	Life cycle greenhouse gas emissions estimation for small hydropower schemes in India. <i>Energy</i> , 2012 , 44, 498-508	7.9	53
29	Life cycle approach in evaluating energy performance of residential buildings in Indian context. <i>Energy and Buildings</i> , 2012 , 54, 259-265	7	45
28	Net energy and gross pollution from bioethanol production in India. <i>Fuel</i> , 1998 , 77, 1629-1633	7.1	45
27	Life Cycle Analysis of Run-of River Small Hydro Power Plants in India. <i>The Open Renewable Energy Journal</i> , 2008 , 1, 11-16		39
26	Energy Analysis of Solar Photovoltaic Module Production in India. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1995 , 17, 605-613		36
25	Life Cycle Energy Analysis of a Multifamily Residential House: A Case Study in Indian Context. <i>Open Journal of Energy Efficiency</i> , 2013 , 02, 34-41	0.4	31
24	Life Cycle Energy and GHG Analysis of Hydroelectric Power Development in India. <i>International Journal of Green Energy</i> , 2010 , 7, 361-375	3	29
23	A figure of merit for evaluating sustainability of renewable energy systems. <i>Renewable and Sustainable Energy Reviews</i> , 2010 , 14, 1640-1643	16.2	16
22	Energy Conservation Opportunities in Pulp & Paper Industry. <i>Open Journal of Energy Efficiency</i> , 2018 , 07, 89-99	0.4	13
21	Life Cycle Ecological Footprint Assessment of an Academic Building. <i>Journal of the Institution of Engineers (India): Series A</i> , 2019 , 100, 97-110	1	9
20	Life-cycle ecological footprint assessment of grid-connected rooftop solar PV system. <i>International Journal of Sustainable Engineering</i> , 2021 , 14, 529-538	3.1	8
19	Ecological footprint reduction of built envelope in India. <i>Journal of Building Engineering</i> , 2019 , 21, 278-286	3.6	7
18	Comparative assessment of HDI with Composite Development Index (CDI). <i>Insights Into Regional Development</i> , 2019 , 1, 58-76	3	6

17	Is the concept of a green economy a useful way of framing policy discussions and policymaking to promote sustainable development? <i>Natural Resources Forum</i> , 2011 , 35, 63-72	2.2	5
16	Gross carbon emissions from alternative transport fuels in India. <i>Energy for Sustainable Development</i> , 2005 , 9, 10-16	5.4	5
15	Industrial Sustainability Index and Its Possible Improvement for Paper Industry. <i>Open Journal of Energy Efficiency</i> , 2018 , 07, 118-128	0.4	5
14	Opportunities for sustainability improvement in aluminum industry. <i>Engineering Reports</i> , 2020 , 2, e12160.2	0.2	5
13	Ecological Footprint of Multi-silicon Photovoltaic Module Recycling. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2022 , 65-82	0.9	4
12	Ecological footprint assessment and its reduction for industrial food products. <i>International Journal of Sustainable Engineering</i> , 2021 , 14, 26-38	3.1	4
11	Ecological Footprint Assessment of Recycled Asphalt Pavement Construction. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2022 , 137-160	0.9	3
10	Decentralized Energy Systems for the Dairy Industry. <i>International Journal of Environmental Sustainability</i> , 2014 , 9, 1-9	1	3
9	Impact of Industrial Symbiosis on Sustainability. <i>Open Journal of Energy Efficiency</i> , 2019 , 08, 81-93	0.4	3
8	Ecological Footprint Reduction of Building Envelope in a Tropical Climate. <i>Journal of the Institution of Engineers (India): Series A</i> , 2019 , 100, 41-48	1	3
7	Thermal Load Reduction with Green Building Envelope. <i>Open Journal of Energy Efficiency</i> , 2017 , 06, 112-127	0.4	2
6	Life Cycle Energy of Low Rise Residential Buildings in Indian Context. <i>Open Journal of Energy Efficiency</i> , 2014 , 03, 108-118	0.4	1
5	Energy and Emission Reduction Potential for Bank ATM Units in India. <i>Open Journal of Energy Efficiency</i> , 2016 , 05, 107-120	0.4	1
4	Carbon reduction strategies for the built environment in a tropical city 2020 , 145-162		0
3	Energy and Material Constraints in India's Economic Growth. <i>Innovative Renewable Energy</i> , 2018 , 343-349	0.3	
2	Ecological Footprint Assessment and Its Reduction for Packaging Industry. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2021 , 41-78	0.9	
1	Sustainability improvement opportunities for an industrial complex 2021 , 215-226		