

Dilip Khatiwada

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

981
citations

394421

19
h-index

501196

28
g-index

35
all docs

35
docs citations

35
times ranked

954
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing ethanol and bioelectricity production in sugarcane biorefineries in Brazil. <i>Renewable Energy</i> , 2016, 85, 371-386.	8.9	106
2	Cost competitiveness of palm oil biodiesel production in Indonesia. <i>Energy</i> , 2019, 170, 62-72.	8.8	71
3	A comparative life cycle assessment of lithium-ion and lead-acid batteries for grid energy storage. <i>Journal of Cleaner Production</i> , 2022, 358, 131999.	9.3	57
4	Net energy balance of molasses based ethanol: The case of Nepal. <i>Renewable and Sustainable Energy Reviews</i> , 2009, 13, 2515-2524.	16.4	55
5	Power generation from sugarcane biomass – A complementary option to hydroelectricity in Nepal and Brazil. <i>Energy</i> , 2012, 48, 241-254.	8.8	53
6	Evaluating the palm oil demand in Indonesia: production trends, yields, and emerging issues. <i>Biofuels</i> , 2021, 12, 135-147.	2.4	53
7	Greenhouse gas balances of molasses based ethanol in Nepal. <i>Journal of Cleaner Production</i> , 2011, 19, 1471-1485.	9.3	52
8	Energy and GHG balances of ethanol production from cane molasses in Indonesia. <i>Applied Energy</i> , 2016, 164, 756-768.	10.1	52
9	Land allocation to meet sectoral goals in Indonesia – An analysis of policy coherence. <i>Land Use Policy</i> , 2017, 61, 451-465.	5.6	51
10	Well-to-Wheel analysis of fossil energy use and greenhouse gas emissions for conventional, hybrid-electric and plug-in hybrid-electric city buses in the BRT system in Curitiba, Brazil. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 58, 122-138.	6.8	48
11	The COVID-19 Pandemic Not Only Poses Challenges, but Also Opens Opportunities for Sustainable Transformation. <i>Earth's Future</i> , 2021, 9, e2021EF001996.	6.3	42
12	Opportunities to Optimize the Palm Oil Supply Chain in Sumatra, Indonesia. <i>Energies</i> , 2019, 12, 420.	3.1	39
13	Decarbonization of natural gas systems in the EU – Costs, barriers, and constraints of hydrogen production with a case study in Portugal. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 168, 112775.	16.4	39
14	Accounting greenhouse gas emissions in the lifecycle of Brazilian sugarcane bioethanol: Methodological references in European and American regulations. <i>Energy Policy</i> , 2012, 47, 384-397.	8.8	35
15	Scenarios for bioethanol production in Indonesia: How can we meet mandatory blending targets?. <i>Energy</i> , 2017, 119, 351-361.	8.8	25
16	Decarbonization pathways for the power sector in Sumatra, Indonesia. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 150, 111507.	16.4	25
17	Meeting the bioenergy targets from palm oil based biorefineries: An optimal configuration in Indonesia. <i>Applied Energy</i> , 2020, 278, 115749.	10.1	22
18	Life cycle assessment of a cement plant in Naypyitaw, Myanmar. <i>Cleaner Environmental Systems</i> , 2021, 2, 100007.	4.2	21

#	ARTICLE	IF	CITATIONS
19	Small-scale biogas technology and clean cooking fuel: Assessing the potential and links with SDGs in low-income countries – A case study of Nepal. Sustainable Energy Technologies and Assessments, 2021, 46, 101301.	2.7	21
20	Energy storage integration with solar PV for increased electricity access: A case study of Burkina Faso. Energy, 2021, 230, 120656.	8.8	20
21	Opportunities for bioenergy in the Baltic Sea Region. Energy Procedia, 2017, 128, 157-164.	1.8	16
22	The influence of passenger load, driving cycle, fuel price and different types of buses on the cost of transport service in the BRT system in Curitiba, Brazil. Transportation, 2019, 46, 2195-2242.	4.0	16
23	Ethanol production and fuel substitution in Nepal – Opportunity to promote sustainable development and climate change mitigation. Renewable and Sustainable Energy Reviews, 2010, 14, 1644-1652.	16.4	15
24	Circularity in the Management of Municipal Solid Waste – A Systematic Review. Environmental and Climate Technologies, 2021, 25, 491-507.	1.4	11
25	Mapping Bioenergy Supply and Demand in Selected Least Developed Countries (LDCs): Exploratory Assessment of Modern Bioenergy’s Contribution to SDG7. Sustainability, 2019, 11, 7091.	3.2	10
26	Decarbonization strategies of Helsinki metropolitan area district heat companies. Renewable and Sustainable Energy Reviews, 2022, 160, 112274.	16.4	8
27	The Potential Contribution of Decentralized Anaerobic Digestion towards Urban Biowaste Recovery Systems: A Scoping Review. Sustainability, 2021, 13, 13435.	3.2	8
28	A Monte Carlo based approach for exergo-economic modeling of solar water heater. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-19.	2.3	3
29	Special Issue on Assessing the Modern Bioenergy Potential and Strategies for Sustainable Development: Transformations through Nexus, Policy, and Innovations. Sustainability, 2021, 13, 374.	3.2	3
30	Sugarcane Biofuel Production in Indonesia. , 2019, , 285-300.		1
31	Large-scale biogas upgrading plants: future prospective and technical challenges. , 2021, , 467-491.		1
32	A Comparative Study of the Energy and Environmental Performance of Cement Industries in Ethiopia and Sweden. , 2021, , .		1