

# Dilip Khatiwada

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

981  
citations

489802

18  
h-index

563245

28  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1061  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decarbonization strategies of Helsinki metropolitan area district heat companies. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 160, 112274.	8.2	8
2	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.	4.6	57
3	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.	8.2	39
4	Evaluating the palm oil demand in Indonesia: production trends, yields, and emerging issues. <i>Biofuels</i> , 2021, 12, 135-147.	1.4	53
5	Special Issue on Assessing the Modern Bioenergy Potential and Strategies for Sustainable Development: Transformations through Nexus, Policy, and Innovations. <i>Sustainability</i> , 2021, 13, 374.	1.6	3
6	Circularity in the Management of Municipal Solid Waste – A Systematic Review. <i>Environmental and Climate Technologies</i> , 2021, 25, 491-507.	0.5	11
7	Life cycle assessment of a cement plant in Naypyitaw, Myanmar. <i>Cleaner Environmental Systems</i> , 2021, 2, 100007.	2.2	21
8	The COVID-19 Pandemic Not Only Poses Challenges, but Also Opens Opportunities for Sustainable Transformation. <i>Earth's Future</i> , 2021, 9, e2021EF001996.	2.4	42
9	Small-scale biogas technology and clean cooking fuel: Assessing the potential and links with SDGs in low-income countries – A case study of Nepal. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 46, 101301.	1.7	21
10	Energy storage integration with solar PV for increased electricity access: A case study of Burkina Faso. <i>Energy</i> , 2021, 230, 120656.	4.5	20
11	Decarbonization pathways for the power sector in Sumatra, Indonesia. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 150, 111507.	8.2	25
12	Large-scale biogas upgrading plants: future prospective and technical challenges. , 2021, , 467-491.		1
13	A Comparative Study of the Energy and Environmental Performance of Cement Industries in Ethiopia and Sweden. , 2021, , .		1
14	The Potential Contribution of Decentralized Anaerobic Digestion towards Urban Biowaste Recovery Systems: A Scoping Review. <i>Sustainability</i> , 2021, 13, 13435.	1.6	8
15	Meeting the bioenergy targets from palm oil based biorefineries: An optimal configuration in Indonesia. <i>Applied Energy</i> , 2020, 278, 115749.	5.1	22
16	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. <i>Transportation</i> , 2019, 46, 2195-2242.	2.1	16
17	Sugarcane Biofuel Production in Indonesia. , 2019, , 285-300.		1
18	Opportunities to Optimize the Palm Oil Supply Chain in Sumatra, Indonesia. <i>Energies</i> , 2019, 12, 420.	1.6	39

#	ARTICLE	IF	CITATIONS
19	Mapping Bioenergy Supply and Demand in Selected Least Developed Countries (LDCs): Exploratory Assessment of Modern Bioenergy's Contribution to SDG7. Sustainability, 2019, 11, 7091.	1.6	10
20	Cost competitiveness of palm oil biodiesel production in Indonesia. Energy, 2019, 170, 62-72.	4.5	71
21	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. Transportation Research, Part D: Transport and Environment, 2018, 58, 122-138.	3.2	48
22	Scenarios for bioethanol production in Indonesia: How can we meet mandatory blending targets?. Energy, 2017, 119, 351-361.	4.5	25
23	Land allocation to meet sectoral goals in Indonesia—An analysis of policy coherence. Land Use Policy, 2017, 61, 451-465.	2.5	51
24	Opportunities for bioenergy in the Baltic Sea Region. Energy Procedia, 2017, 128, 157-164.	1.8	16
25	Energy and GHG balances of ethanol production from cane molasses in Indonesia. Applied Energy, 2016, 164, 756-768.	5.1	52
26	Optimizing ethanol and bioelectricity production in sugarcane biorefineries in Brazil. Renewable Energy, 2016, 85, 371-386.	4.3	106
27	Accounting greenhouse gas emissions in the lifecycle of Brazilian sugarcane bioethanol: Methodological references in European and American regulations. Energy Policy, 2012, 47, 384-397.	4.2	35
28	Power generation from sugarcane biomass — A complementary option to hydroelectricity in Nepal and Brazil. Energy, 2012, 48, 241-254.	4.5	53
29	Greenhouse gas balances of molasses based ethanol in Nepal. Journal of Cleaner Production, 2011, 19, 1471-1485.	4.6	52
30	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.	8.2	15
31	Net energy balance of molasses based ethanol: The case of Nepal. Renewable and Sustainable Energy Reviews, 2009, 13, 2515-2524.	8.2	55
32	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.	1.2	3