# Dilip Khatiwada

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Decarbonization strategies of Helsinki metropolitan area district heat companies. Renewable and Sustainable Energy Reviews, 2022, 160, 112274. | 16.4 | 8 |
| 2 | A comparative life cycle assessment of lithium-ion and lead-acid batteries for grid energy storage. Journal of Cleaner Production, 2022, 358, 131999. | 9.3 | 57 |
| 3 | Decarbonization of natural gas systems in the EU â€“ Costs, barriers, and constraints of hydrogen production with a case study in Portugal. Renewable and Sustainable Energy Reviews, 2022, 168, 112775. | 16.4 | 39 |
| 4 | Evaluating the palm oil demand in Indonesia: production trends, yields, and emerging issues. Biofuels, 2021, 12, 135-147. | 2.4 | 53 |
| 5 | 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 |
| 6 | Circularity in the Management of Municipal Solid Waste â€“ A Systematic Review. Environmental and Climate Technologies, 2021, 25, 491-507. | 1.4 | 11 |
| 7 | Life cycle assessment of a cement plant in Naypyitaw, Myanmar. Cleaner Environmental Systems, 2021, 2, 100007. | 4.2 | 21 |
| 8 | The COVIDâ€19 Pandemic Not Only Poses Challenges, but Also Opens Opportunities for Sustainable Transformation. Earth's Future, 2021, 9, e2021EF001996. | 6.3 | 42 |
| 9 | Small-scale biogas technology and clean cooking fuel: Assessing the potential and links with SDGs in low-income countries â€“ A case study of Nepal. Sustainable Energy Technologies and Assessments, 2021, 46, 101301. | 2.7 | 21 |
| 10 | Energy storage integration with solar PV for increased electricity access: A case study of Burkina Faso. Energy, 2021, 230, 120656. | 8.8 | 20 |
| 11 | Decarbonization pathways for the power sector in Sumatra, Indonesia. Renewable and Sustainable Energy Reviews, 2021, 150, 111507. | 16.4 | 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. Sustainability, 2021, 13, 13435. | 3.2 | 8 |
| 15 | Meeting the bioenergy targets from palm oil based biorefineries: An optimal configuration in Indonesia. Applied Energy, 2020, 278, 115749. | 10.1 | 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. Transportation, 2019, 46, 2195-2242. | 4.0 | 16 |
| 17 | Sugarcane Biofuel Production in Indonesia. , 2019, , 285-300. | | 1 |
| 18 | Opportunities to Optimize the Palm Oil Supply Chain in Sumatra, Indonesia. Energies, 2019, 12, 420. | 3.1 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mapping Bioenergy Supply and Demand in Selected Least Developed Countries (LDCs): Exploratory Assessment of Modern Bioenergyâ€™s Contribution to SDG7. Sustainability, 2019, 11, 7091. | 3.2 | 10 |
| 20 | Cost competitiveness of palm oil biodiesel production in Indonesia. Energy, 2019, 170, 62-72. | 8.8 | 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. | 6.8 | 48 |
| 22 | Scenarios for bioethanol production in Indonesia: How can we meet mandatory blending targets?. Energy, 2017, 119, 351-361. | 8.8 | 25 |
| 23 | Land allocation to meet sectoral goals in Indonesiaâ€"An analysis of policy coherence. Land Use Policy, 2017, 61, 451-465. | 5.6 | 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. | 10.1 | 52 |
| 26 | Optimizing ethanol and bioelectricity production in sugarcane biorefineries in Brazil. Renewable Energy, 2016, 85, 371-386. | 8.9 | 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. | 8.8 | 35 |
| 28 | Power generation from sugarcane biomass â€" A complementary option to hydroelectricity in Nepal and Brazil. Energy, 2012, 48, 241-254. | 8.8 | 53 |
| 29 | Greenhouse gas balances of molasses based ethanol in Nepal. Journal of Cleaner Production, 2011, 19, 1471-1485. | 9.3 | 52 |
| 30 | Ethanol production and fuel substitution in Nepalâ€"Opportunity to promote sustainable development and climate change mitigation. Renewable and Sustainable Energy Reviews, 2010, 14, 1644-1652. | 16.4 | 15 |
| 31 | Net energy balance of molasses based ethanol: The case of Nepal. Renewable and Sustainable Energy Reviews, 2009, 13, 2515-2524. | 16.4 | 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. | 2.3 | 3 |