

Ranjan Parajuli

List of Publications by Year in descending order

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31
papers

1,231
citations

471371

17
h-index

434063

31
g-index

34
all docs

34
docs citations

34
times ranked

1744
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy flow and life cycle impact assessment of coffee-pepper production systems: An evaluation of conventional, integrated and organic farms in India. <i>Environmental Impact Assessment Review</i> , 2022, 92, 106687.	4.4	18
2	Cradle to grave environmental impact evaluation of the consumption of potato and tomato products. <i>Science of the Total Environment</i> , 2021, 758, 143662.	3.9	29
3	Protocol for life cycle assessment modeling of US fruit and vegetable supply chains- cases of processed potato and tomato products. <i>Data in Brief</i> , 2021, 34, 106639.	0.5	10
4	Techno-economic feasibility analysis of a 3-kW PV system installation in Nepal. <i>Renewables: Wind, Water, and Solar</i> , 2021, 8, .	2.5	17
5	Holistically valuing public investments in agricultural water conservation. <i>Agricultural Water Management</i> , 2021, 252, 106900.	2.4	10
6	Dairy and swine manure management – Challenges and perspectives for sustainable treatment technology. <i>Science of the Total Environment</i> , 2021, 778, 146319.	3.9	54
7	Supply chains for processed potato and tomato products in the United States will have enhanced resilience with planting adaptation strategies. <i>Nature Food</i> , 2021, 2, 862-872.	6.2	10
8	Life Cycle Assessment of Dietary Patterns in the United States: A Full Food Supply Chain Perspective. <i>Sustainability</i> , 2020, 12, 1586.	1.6	17
9	Sustainability, energy budgeting, and life cycle assessment of crop-dairy-fish-poultry mixed farming system for coastal lowlands under humid tropic condition of India. <i>Energy</i> , 2019, 188, 116101.	4.5	33
10	Mitigating the current energy crisis in Nepal with renewable energy sources. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 116, 109388.	8.2	164
11	Environmental sustainability of fruit and vegetable production supply chains in the face of climate change: A review. <i>Science of the Total Environment</i> , 2019, 650, 2863-2879.	3.9	135
12	Environmental screening of potential biomass for green biorefinery conversion. <i>Journal of Cleaner Production</i> , 2018, 189, 344-357.	4.6	45
13	Forest-based biomass supply potential and economics for the pellet production in Nepal. <i>International Journal of Green Energy</i> , 2018, 15, 1-7.	2.1	5
14	Can farmers mitigate environmental impacts through combined production of food, fuel and feed? A consequential life cycle assessment of integrated mixed crop-livestock system with a green biorefinery. <i>Science of the Total Environment</i> , 2018, 619-620, 127-143.	3.9	38
15	Environmental life cycle assessment of producing willow, alfalfa and straw from spring barley as feedstocks for bioenergy or biorefinery systems. <i>Science of the Total Environment</i> , 2017, 586, 226-240.	3.9	52
16	A review on energy systems and GHG emissions reduction plan and policy of the Republic of Korea: Past, present, and future. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 1123-1130.	8.2	24
17	Environmental impacts of producing bioethanol and biobased lactic acid from standalone and integrated biorefineries using a consequential and an attributional life cycle assessment approach. <i>Science of the Total Environment</i> , 2017, 598, 497-512.	3.9	63
18	Environmental life cycle assessments of producing maize, grass-clover, ryegrass and winter wheat straw for biorefinery. <i>Journal of Cleaner Production</i> , 2017, 142, 3859-3871.	4.6	46

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19	Solving the multifunctionality dilemma in biorefineries with a novel hybrid mass energy allocation method. <i>GCB Bioenergy</i> , 2017, 9, 1674-1686.	2.5	9
20	Potential biomass supply for agro-pellet production from agricultural crop residue in Nepal. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 149-153.	1.2	10
21	Multi-criteria assessment of yellow, green, and woody biomasses: pre-screening of potential biomasses as feedstocks for biorefineries. <i>Biofuels, Bioproducts and Biorefining</i> , 2015, 9, 545-566.	1.9	32
22	Environmental performance of <i>Miscanthus</i> as a fuel alternative for district heat production. <i>Biomass and Bioenergy</i> , 2015, 72, 104-116.	2.9	15
23	Beyond oil and gas: possible future scenarios for the electricity sector in Saudi Arabia. <i>International Journal of Sustainable Energy</i> , 2015, 34, 71-92.	1.3	11
24	Biorefining in the prevailing energy and materials crisis: a review of sustainable pathways for biorefinery value chains and sustainability assessment methodologies. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 244-263.	8.2	209
25	Economics of Biodiesel Production in the Context of Fulfilling 20% Blending with Petro-Diesel in Nepal. <i>Journal of the Institute of Engineering</i> , 2014, 10, 80-93.	0.3	0
26	Economics of biodiesel production in the context of fulfilling 20% blending with petro-diesel in Nepal. <i>International Journal of Sustainable Energy</i> , 2014, 33, 435-447.	1.3	9
27	A comparison of diesel, biodiesel and solar PV-based water pumping systems in the context of rural Nepal. <i>International Journal of Sustainable Energy</i> , 2014, 33, 536-553.	1.3	17
28	Life Cycle Assessment of district heat production in a straw fired CHP plant. <i>Biomass and Bioenergy</i> , 2014, 68, 115-134.	2.9	44
29	Energy consumption projection of Nepal: An econometric approach. <i>Renewable Energy</i> , 2014, 63, 432-444.	4.3	41
30	Looking into the Danish energy system: Lesson to be learned by other communities. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 2191-2199.	8.2	28
31	Access to energy in Mid/Far west region-Nepal from the perspective of energy poverty. <i>Renewable Energy</i> , 2011, 36, 2299-2304.	4.3	34