Prajal Pradhan

List of Publications by Year
in descending order

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43 papers	3,530 citations	218677 26 h-index	233421 45 g-index
47 all docs	47 docs citations	47 times ranked	3410 citing authors

#	Article	IF	Citations
1	A Systematic Study of Sustainable Development Goal (SDG) Interactions. Earth's Future, 2017, 5, 1169-1179.	6.3	894
2	Sustainable Development Goals (SDGs): Are we successful in turning trade-offs into synergies?. Palgrave Communications, 2019, 5, .	4.7	306
3	Innovation can accelerate the transition towards a sustainable food system. Nature Food, 2020, 1, 266-272.	14.0	285
4	Climate change responses benefit from a global food system approach. Nature Food, 2020, 1, 94-97.	14.0	235
5	Closing Yield Gaps: How Sustainable Can We Be?. PLoS ONE, 2015, 10, e0129487.	2.5	192
6	Food Surplus and Its Climate Burdens. Environmental Science & Technology, 2016, 50, 4269-4277.	10.0	139
7	Articulating the effect of food systems innovation on the Sustainable Development Goals. Lancet Planetary Health, The, 2021, 5, e50-e62.	11.4	135
8	Scientific evidence on the political impact of the Sustainable Development Goals. Nature Sustainability, 2022, 5, 795-800.	23.7	121
9	Embodied Greenhouse Gas Emissions in Diets. PLoS ONE, 2013, 8, e62228.	2.5	103
10	The ongoing nutrition transition thwarts long-term targets for food security, public health and environmental protection. Scientific Reports, 2020, 10, 19778.	3.3	85
11	Relating SDG11 indicators and urban scaling â€“ An exploratory study. Sustainable Cities and Society, 2020, 52, 101853.	10.4	78
12	Food Self-Sufficiency across Scales: How Local Can We Go?. Environmental Science & Technology, 2014, 48, 9463-9470.	10.0	75
13	Variations in sustainable development goal interactions: Population, regional, and income disaggregation. Sustainable Development, 2021, 29, 285-299.	12.5	72
14	Achieving the sustainable development goals in agriculture: The crucial role of nitrogen in cereal-based systems. Advances in Agronomy, 2020, , 39-116.	5.2	67
15	Antagonists to meeting the 2030 Agenda. Nature Sustainability, 2019, 2, 171-172.	23.7	61
16	Untangling the interactions among the Sustainable Development Goals in China. Science Bulletin, 2022, 67, 977-984.	9.0	55
17	Diverging forest land use dynamics induced by armed conflict across the tropics. Global Environmental Change, 2019, 56, 86-94.	7.8	54
18	Urban Food Systems: How Regionalization Can Contribute to Climate Change Mitigation. Environmental Science & Technology, 2020, 54, 10551-10560.	10.0	54

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19	A systematic analysis of Water-Energy-Food security nexus: A South Asian case study. Science of the Total Environment, 2020, 728, 138451.	8.0	54
20	A systems model of SDG target influence on the 2030 Agenda for Sustainable Development. Sustainability Science, 2022, 17, 1459-1472.	4.9	49
21	Hungry cities: how local food self-sufficiency relates to climate change, diets, and urbanisation. Environmental Research Letters, 2019, 14, 094007.	5.2	46
22	The COVIDâ€19 Pandemic Not Only Poses Challenges, but Also Opens Opportunities for Sustainable Transformation. Earth's Future, 2021, 9, e2021EF001996.	6.3	42
23	Solar and wind energy potential assessment at provincial level in Nepal: Geospatial and economic analysis. Renewable Energy, 2022, 181, 278-291.	8.9	41
24	Embodied crop calories in animal products. Environmental Research Letters, 2013, 8, 044044.	5.2	37
25	Mapping the complexity of the food-energy-water nexus from the lens of Sustainable Development Goals in China. Resources, Conservation and Recycling, 2022, 183, 106357.	10.8	36
26	Reducing deforestation and improving livestock productivity: greenhouse gas mitigation potential of silvopastoral systems in CaquetÃ¡. Environmental Research Letters, 2019, 14, 114007.	5.2	34
27	Building a unified sustainable development goal database: Why does sustainable development goal data selection matter?. Sustainable Development, 2022, 30, 1278-1293.	12.5	30
28	Adjusting agricultural emissions for trade matters for climate change mitigation. Nature Communications, 2022, 13, .	12.8	28
29	Climate Change Adaptation by Smallholder Tea Farmers: a Case Study of Nepal. Environmental Science and Policy, 2021, 116, 136-146.	4.9	22
30	Interplay between Diets, Health, and Climate Change. Sustainability, 2020, 12, 3878.	3.2	16
31	Sectoral performance analysis of national greenhouse gas emission inventories by means of neural networks. Science of the Total Environment, 2019, 656, 80-89.	8.0	15
32	Relating Climate Compatible Development and Human Livelihood. Energy Procedia, 2013, 40, 192-201.	1.8	9
33	Action needed for staple crops in the Andean-Amazon foothills because of climate change. Mitigation and Adaptation Strategies for Global Change, 2020, 25, 1103-1127.	2.1	8
34	Climate change and potential distribution of potato (<i>Solanum tuberosum</i>) crop cultivation in Pakistan using Maxent. AIMS Agriculture and Food, 2021, 6, 663-676.	1.6	8
35	Climate Extremes are Becoming More Frequent, Co-occurring, and Persistent in Europe. Anthropocene Science, 2022, 1, 264-277.	2.9	8
36	Environmental implications and socioeconomic characterisation of Indian diets. Science of the Total Environment, 2020, 737, 139881.	8.0	7

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37	Predicting areas suitable for wheat and maize cultivation under future climate change scenarios in Pakistan. Climate Research, 2021, 83, 15-25.	1.1	5
38	Food transport emissions matter. Nature Food, 2022, 3, 406-407.	14.0	4
39	Identifying climatic and non-climatic determinants of malnutrition prevalence in Bangladesh: A country-wide cross-sectional spatial analysis. Spatial and Spatio-temporal Epidemiology, 2021, 37, 100422.	1.7	3
40	Introducing â€˜Anthropocene Scienceâ€™: A New International Journal for Addressing Human Impact on the Resilience of Planet Earth. Anthropocene Science, 2022, 1, 1-4.	2.9	3
41	Characterizing the sectoral development of cities. PLoS ONE, 2021, 16, e0254601.	2.5	3
42	Thwarted visions of change: power and demographics in repair cafes and urban sustainability transitions. Urban Transformations, 2022, 4, .	2.4	2
43	Close the carbon loophole. One Earth, 2021, 4, 587-590.	6.8	1