

# Rajiv Kumar Chaturvedi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1178398/publications.pdf>

Version: 2024-02-01

28  
papers

2,261  
citations

623734

14  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2751  
citing authors

#	ARTICLE	IF	CITATIONS
1	China and India lead in greening of the world through land-use management. <i>Nature Sustainability</i> , 2019, 2, 122-129.	23.7	1,636
2	Impact of climate change on Indian forests: a dynamic vegetation modeling approach. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2011, 16, 119-142.	2.1	120
3	Projected climate change impacts on vegetation distribution over Kashmir Himalayas. <i>Climatic Change</i> , 2015, 132, 601-613.	3.6	81
4	Trends and Variability of AVHRR-Derived NPP in India. <i>Remote Sensing</i> , 2013, 5, 810-829.	4.0	60
5	Glacial mass balance changes in the Karakoram and Himalaya based on CMIP5 multi-model climate projections. <i>Climatic Change</i> , 2014, 123, 315-328.	3.6	58
6	Vulnerability of Forests in India: A National Scale Assessment. <i>Environmental Management</i> , 2017, 60, 544-553.	2.7	39
7	Nitrogen deposition: how important is it for global terrestrial carbon uptake?. <i>Biogeosciences</i> , 2013, 10, 7147-7160.	3.3	34
8	Integrated modelling approaches to analysis of climate change impacts on forests and forest management. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2011, 16, 247-266.	2.1	30
9	Impact of climate change at species level: a case study of teak in India. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2011, 16, 199-209.	2.1	23
10	Assessing 'inherent vulnerability' of forests: a methodological approach and a case study from Western Ghats, India. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 573-590.	2.1	23
11	Saline Soil Reclamation Index as an efficient tool for assessing restoration progress of saline land. <i>Land Degradation and Development</i> , 2021, 32, 123-138.	3.9	23
12	Challenges in vulnerability assessment of forests under climate change. <i>Carbon Management</i> , 2013, 4, 403-411.	2.4	20
13	Carbon forestry economic mitigation potential in India, by land classification. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2007, 12, 1027-1050.	2.1	16
14	Climate change and forests in India. <i>International Forestry Review</i> , 2008, 10, 256-268.	0.6	14
15	Modelling carbon mitigation pathways by 2050: Insights from the Global Calculator. <i>Energy Strategy Reviews</i> , 2020, 29, 100494.	7.3	13
16	Assessing the mitigation potential of forestry activities in a changing climate: A case study for Karnataka. <i>Forest Policy and Economics</i> , 2010, 12, 277-286.	3.4	11
17	Forest policies and programs affecting vulnerability and adaptation to climate change. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2011, 16, 177-197.	2.1	11
18	Assessment of inherent vulnerability of forests at landscape level: a case study from Western Ghats in India. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2017, 22, 29-44.	2.1	11

#	ARTICLE	IF	CITATIONS
19	Implications of climate change on mitigation potential estimates for forest sector in India. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2011, 16, 211-227.	2.1	8
20	Bioenergy crop production potential and carbon mitigation from marginal and degraded lands of India. <i>Renewable Energy</i> , 2022, 192, 300-312.	8.9	8
21	A macroeconomic analysis of adaptation to climate change impacts on forests in India. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2011, 16, 229-245.	2.1	6
22	Barriers to plantation activities in different agro-ecological zones of Southern India. <i>Regional Environmental Change</i> , 2011, 11, 423-435.	2.9	4
23	Paris Agreement; Research, Monitoring and Reporting Requirements for India. <i>Current Science</i> , 2017, 112, 916.	0.8	4
24	Suitability Assessment and Carbon Mitigation Potential of Plantations on India's Railway Land. <i>Anthropocene Science</i> , 2022, 1, 145-163.	2.9	3
25	Carbon management in Indian forests: a policy analysis to assess mitigation potential. <i>Carbon Management</i> , 2010, 1, 109-117.	2.4	2
26	Will India's Coal Power Plans Pose a Threat to Limiting Global Warming to Safe Levels?. <i>Current Science</i> , 2018, 114, 1812.	0.8	2
27	Lost benefits and carbon uptake by protection of Indian plantations. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2018, 23, 485-505.	2.1	1
28	Forest carbon management under the changing climate: research challenges. <i>Carbon Management</i> , 2012, 3, 329-331.	2.4	0