

Timothy D Searchinger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3735330/publications.pdf>

Version: 2024-02-01

18
papers

7,874
citations

643344

15
h-index

939365

18
g-index

19
all docs

19
docs citations

19
times ranked

10502
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of U.S. Croplands for Biofuels Increases Greenhouse Gases Through Emissions from Land-Use Change. <i>Science</i> , 2008, 319, 1238-1240.	6.0	3,783
2	Managing nitrogen for sustainable development. <i>Nature</i> , 2015, 528, 51-59.	13.7	1,635
3	Global human appropriation of net primary production doubled in the 20th century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10324-10329.	3.3	501
4	Fixing a Critical Climate Accounting Error. <i>Science</i> , 2009, 326, 527-528.	6.0	399
5	Assessing the efficiency of changes in land use for mitigating climate change. <i>Nature</i> , 2018, 564, 249-253.	13.7	333
6	A reversal in global terrestrial stilling and its implications for wind energy production. <i>Nature Climate Change</i> , 2019, 9, 979-985.	8.1	246
7	Correcting a fundamental error in greenhouse gas accounting related to bioenergy. <i>Energy Policy</i> , 2012, 45, 18-23.	4.2	182
8	Highland cropland expansion and forest loss in Southeast Asia in the twenty-first century. <i>Nature Geoscience</i> , 2018, 11, 556-562.	5.4	168
9	Biofuels and the need for additional carbon. <i>Environmental Research Letters</i> , 2010, 5, 024007.	2.2	160
10	High carbon and biodiversity costs from converting Africa's wet savannahs to cropland. <i>Nature Climate Change</i> , 2015, 5, 481-486.	8.1	105
11	Europe's renewable energy directive poised to harm global forests. <i>Nature Communications</i> , 2018, 9, 3741.	5.8	98
12	Deforestation-induced warming over tropical mountain regions regulated by elevation. <i>Nature Geoscience</i> , 2021, 14, 23-29.	5.4	73
13	Does the world have low-carbon bioenergy potential from the dedicated use of land?. <i>Energy Policy</i> , 2017, 110, 434-446.	4.2	58
14	Crop-based biofuels and associated environmental concerns. <i>GCB Bioenergy</i> , 2012, 4, 479-484.	2.5	48
15	Doubling of annual forest carbon loss over the tropics during the early twenty-first century. <i>Nature Sustainability</i> , 2022, 5, 444-451.	11.5	47
16	A Pathway to Carbon Neutral Agriculture in Denmark. , 0, , .		12
17	Extension services can promote pasture restoration: Evidence from Brazil's low carbon agriculture plan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2114913119.	3.3	12
18	Carbon Calculations to Consider a Response. <i>Science</i> , 2010, 327, 781-781.	6.0	8