

# CÃ©sar Terrer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5019093/publications.pdf>

Version: 2024-02-01

23  
papers

2,900  
citations

394421

19  
h-index

642732

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

4412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global patterns of terrestrial nitrogen and phosphorus limitation. <i>Nature Geoscience</i> , 2020, 13, 221-226.	12.9	541
2	Mycorrhizal association as a primary control of the CO <sub>2</sub> fertilization effect. <i>Science</i> , 2016, 353, 72-74.	12.6	426
3	Integrating the evidence for a terrestrial carbon sink caused by increasing atmospheric CO <sub>2</sub> . <i>New Phytologist</i> , 2021, 229, 2413-2445.	7.3	286
4	Nitrogen and phosphorus constrain the CO <sub>2</sub> fertilization of global plant biomass. <i>Nature Climate Change</i> , 2019, 9, 684-689.	18.8	269
5	A trade-off between plant and soil carbon storage under elevated CO <sub>2</sub> . <i>Nature</i> , 2021, 591, 599-603.	27.8	268
6	Global mycorrhizal plant distribution linked to terrestrial carbon stocks. <i>Nature Communications</i> , 2019, 10, 5077.	12.8	170
7	Ecosystem responses to elevated CO <sub>2</sub> governed by plant-soil interactions and the cost of nitrogen acquisition. <i>New Phytologist</i> , 2018, 217, 507-522.	7.3	139
8	Long-term nitrogen loading alleviates phosphorus limitation in terrestrial ecosystems. <i>Global Change Biology</i> , 2020, 26, 5077-5086.	9.5	123
9	Faster turnover of new soil carbon inputs under increased atmospheric CO <sub>2</sub> . <i>Global Change Biology</i> , 2017, 23, 4420-4429.	9.5	96
10	Organizing principles for vegetation dynamics. <i>Nature Plants</i> , 2020, 6, 444-453.	9.3	95
11	The global distribution and environmental drivers of aboveground versus belowground plant biomass. <i>Nature Ecology and Evolution</i> , 2021, 5, 1110-1122.	7.8	88
12	Satellite based estimates underestimate the effect of CO <sub>2</sub> fertilization on net primary productivity. <i>Nature Climate Change</i> , 2016, 6, 892-893.	18.8	69
13	Management opportunities for soil carbon sequestration following agricultural land abandonment. <i>Environmental Science and Policy</i> , 2020, 108, 104-111.	4.9	61
14	RETRACTED ARTICLE: A constraint on historic growth in global photosynthesis due to increasing CO <sub>2</sub> . <i>Nature</i> , 2021, 600, 253-258.	27.8	50
15	The Functional Significance of Bacterial Predators. <i>MBio</i> , 2021, 12, .	4.1	48
16	Decadal changes in fire frequencies shift tree communities and functional traits. <i>Nature Ecology and Evolution</i> , 2021, 5, 504-512.	7.8	41
17	Towards comparable assessment of the soil nutrient status across scales—Review and development of nutrient metrics. <i>Global Change Biology</i> , 2020, 26, 392-409.	9.5	37
18	New soil carbon sequestration with nitrogen enrichment: a meta-analysis. <i>Plant and Soil</i> , 2020, 454, 299-310.	3.7	35

#	ARTICLE	IF	CITATIONS
19	Soil organic carbon accumulation rates on Mediterranean abandoned agricultural lands. <i>Science of the Total Environment</i> , 2021, 759, 143535.	8.0	34
20	Dynamic modelling of the potential habitat loss of endangered species: the case of the Canary houbara bustard ( <i>Chlamydotis undulata fuerteventurae</i> ). <i>European Journal of Wildlife Research</i> , 2016, 62, 263-275.	1.4	9
21	Response to Comment on "Mycorrhizal association as a primary control of the CO <sub>2</sub> fertilization effect". <i>Science</i> , 2017, 355, 358-358.	12.6	4
22	Balancing carbon storage under elevated CO <sub>2</sub> . <i>Nature</i> , 2021, , .	27.8	1
23	Response of carbon and nitrogen dynamics in soil water-stable aggregates to wheat straw incorporation in the Yangtze River Delta of China. <i>Journal of Plant Nutrition and Soil Science</i> , 2022, 185, 317-328.	1.9	0