

Pierre Regnier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4564847/publications.pdf>

Version: 2024-02-01

18
papers

1,921
citations

567281

15
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

3157
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthropogenic perturbation of the carbon fluxes from land to ocean. <i>Nature Geoscience</i> , 2013, 6, 597-607.	12.9	937
2	Global perturbation of organic carbon cycling by river damming. <i>Nature Communications</i> , 2017, 8, 15347.	12.8	246
3	The land-to-ocean loops of the global carbon cycle. <i>Nature</i> , 2022, 603, 401-410.	27.8	150
4	Continental shelves as a variable but increasing global sink for atmospheric carbon dioxide. <i>Nature Communications</i> , 2018, 9, 454.	12.8	112
5	The Spatiotemporal Dynamics of the Sources and Sinks of CO ₂ in the Global Coastal Ocean. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1693-1714.	4.9	86
6	Empirical estimates of regional carbon budgets imply reduced global soil heterotrophic respiration. <i>National Science Review</i> , 2021, 8, nwaal45.	9.5	70
7	CO ₂ evasion from boreal lakes: Revised estimate, drivers of spatial variability, and future projections. <i>Global Change Biology</i> , 2018, 24, 711-728.	9.5	56
8	ORCHILEAK (revision 3875): a new model branch to simulate carbon transfers along the terrestrial-aquatic continuum of the Amazon basin. <i>Geoscientific Model Development</i> , 2017, 10, 3821-3859.	3.6	40
9	Aquatic carbon fluxes dampen the overall variation of net ecosystem productivity in the Amazon basin: An analysis of the interannual variability in the boundless carbon cycle. <i>Global Change Biology</i> , 2019, 25, 2094-2111.	9.5	34
10	Historical increases in land-derived nutrient inputs may alleviate effects of a changing physical climate on the oceanic carbon cycle. <i>Global Change Biology</i> , 2021, 27, 5491-5513.	9.5	28
11	Air-water CO ₂ evasion from US East Coast estuaries. <i>Biogeosciences</i> , 2017, 14, 2441-2468.	3.3	27
12	How Simulations of the Land Carbon Sink Are Biased by Ignoring Fluvial Carbon Transfers: A Case Study for the Amazon Basin. <i>One Earth</i> , 2020, 3, 226-236.	6.8	26
13	Reconstructing the Preindustrial Coastal Carbon Cycle Through a Global Ocean Circulation Model: Was the Global Continental Shelf Already Both Autotrophic and a CO ₂ Sink?. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006603.	4.9	25
14	Deciphering the multiple effects of climate warming on the temporal shift of leaf unfolding. <i>Nature Climate Change</i> , 2022, 12, 193-199.	18.8	25
15	New insights on plant phenological response to temperature revealed from long-term widespread observations in China. <i>Global Change Biology</i> , 2018, 24, 2066-2078.	9.5	23
16	Historical and future contributions of inland waters to the Congo Basin carbon balance. <i>Earth System Dynamics</i> , 2021, 12, 37-62.	7.1	13
17	ORCHIDEE MICT-LEAK (r5459), a global model for the production, transport, and transformation of dissolved organic carbon from Arctic permafrost regions – Part 2: Model evaluation over the Lena River basin. <i>Geoscientific Model Development</i> , 2020, 13, 507-520.	3.6	12
18	Spatiotemporal patterns and drivers of terrestrial dissolved organic carbon (DOC) leaching into the European river network. <i>Earth System Dynamics</i> , 2022, 13, 393-418.	7.1	11