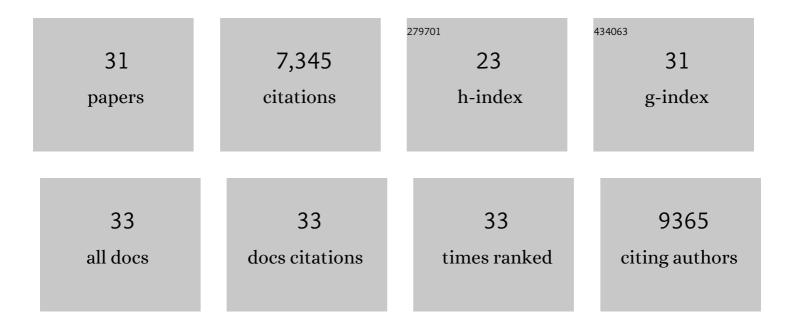
## Emilio Mayorga

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8413810/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Biogeochemical Hot Spots and Hot Moments at the Interface of Terrestrial and Aquatic Ecosystems. Ecosystems, 2003, 6, 301-312.	1.6	1,874
2	Global carbon dioxide emissions from inland waters. Nature, 2013, 503, 355-359.	13.7	1,670
3	Riverine coupling of biogeochemical cycles between land, oceans, and atmosphere. Frontiers in Ecology and the Environment, 2011, 9, 53-60.	1.9	927
4	Young organic matter as a source of carbon dioxide outgassing from Amazonian rivers. Nature, 2005, 436, 538-541.	13.7	521
5	Global Nutrient Export from WaterSheds 2 (NEWS 2): Model development and implementation. Environmental Modelling and Software, 2010, 25, 837-853.	1.9	404
6	The regional and global significance of nitrogen removal in lakes and reservoirs. Biogeochemistry, 2009, 93, 143-157.	1.7	326
7	Organic matter in Bolivian tributaries of the Amazon River: A comparison to the lower mainstream. Limnology and Oceanography, 2000, 45, 1449-1466.	1.6	187
8	A full greenhouse gases budget of Africa: synthesis, uncertainties, and vulnerabilities. Biogeosciences, 2014, 11, 381-407.	1.3	162
9	Increasing anthropogenic nitrogen inputs and riverine DIN exports from the Changjiang River basin under changing human pressures. Global Biogeochemical Cycles, 2010, 24, .	1.9	137
10	Merging aquatic and terrestrial perspectives of nutrient biogeochemistry. Oecologia, 2003, 137, 485-501.	0.9	134
11	Organic matter in the Peruvian headwaters of the Amazon: Compositional evolution from the Andes to the lowland Amazon mainstem. Organic Geochemistry, 2007, 38, 337-364.	0.9	112
12	Ecological and Genomic Attributes of Novel Bacterial Taxa That Thrive in Subsurface Soil Horizons. MBio, 2019, 10, .	1.8	108
13	The carbon budget of terrestrial ecosystems in East Asia over the last two decades. Biogeosciences, 2012, 9, 3571-3586.	1.3	103
14	Millennium Ecosystem Assessment scenario drivers (1970–2050): Climate and hydrological alterations. Global Biogeochemical Cycles, 2010, 24, .	1.9	98
15	The carbon budget of South Asia. Biogeosciences, 2013, 10, 513-527.	1.3	94
16	Prorocentrum minimum tracks anthropogenic nitrogen and phosphorus inputs on a global basis: Application of spatially explicit nutrient export models. Harmful Algae, 2008, 8, 33-38.	2.2	85
17	Magnitudes and sources of dissolved inorganic phosphorus inputs to surface fresh waters and the coastal zone: A new global model. Global Biogeochemical Cycles, 2010, 24, .	1.9	83
18	Nutrients export by rivers to the coastal waters of Africa: Past and future trends. Global Biogeochemical Cycles, 2010, 24, .	1.9	67

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19	Observations Data Model 2: A community information model for spatially discrete Earth observations. Environmental Modelling and Software, 2016, 79, 55-74.	1.9	40
20	Estimating cell-to-cell land surface drainage paths from digital channel networks, with an application to the Amazon basin. Journal of Hydrology, 2005, 315, 167-182.	2.3	32
21	Continental-scale patterns of extracellular enzyme activity in the subsoil: an overlooked reservoir of microbial activity. Environmental Research Letters, 2020, 15, 1040a1.	2.2	32
22	Subregional and downscaled global scenarios of nutrient transfer in river basins: Seineâ€6ommeâ€6cheldt case study. Global Biogeochemical Cycles, 2010, 24, .	1.9	30
23	Spatially explicit fate factors of waterborne nitrogen emissions at the global scale. International Journal of Life Cycle Assessment, 2018, 23, 1286-1296.	2.2	29
24	Land-based nutrient loading to LMEs: A global watershed perspective on magnitudes and sources. Environmental Development, 2016, 17, 220-229.	1.8	20
25	Modeling sources of nutrients in rivers draining into the Bay of Bengal—a scenario analysis. Regional Environmental Change, 2017, 17, 2495-2506.	1.4	19
26	Better Regional Ocean Observing Through Cross-National Cooperation: A Case Study From the Northeast Pacific. Frontiers in Marine Science, 2019, 6, .	1.2	12
27	Harvest of the century. Nature, 2008, 451, 405-406.	13.7	8
28	Enhancing Interoperability and Capabilities of Earth Science Data using the Observations Data Model 2 (ODM2). Data Science Journal, 2017, 16, .	0.6	6
29	Data Management Strategy to Improve Global Use of Ocean Acidification Data and Information. Oceanography, 2015, 25, 226-228.	0.5	5
30	IOOS vocabulary and ontology strategy for observed properties. , 2012, , .		2
31	Infrastructure and tools for serving, accessing, and analyzing ocean information from the Integrated Ocean Observing System. , 2015, , .		Ο