

# Jean-SÃ©bastien Moquet

## List of Publications by Year in descending order

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34  
papers

1,002  
citations

430754

18  
h-index

434063

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g-index

36  
all docs

36  
docs citations

36  
times ranked

1497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contrasted Chemical Weathering Rates in Cratonic Basins: The OgoouÃ© and Mbei Rivers, Western Central Africa. <i>Frontiers in Water</i> , 2021, 2, .	1.0	1
2	Evolution of the riverine nutrient export to the Tropical Atlantic over the last 15 years: is there a link with Sargassum proliferation?. <i>Environmental Research Letters</i> , 2021, 16, 034042.	2.2	18
3	Investigating $\delta^{13}C$ values in stalagmites from tropical South America for the last two millennia. <i>Quaternary Science Reviews</i> , 2021, 255, 106822.	1.4	12
4	Control of seasonal and inter-annual rainfall distribution on the Strontium-Neodymium isotopic compositions of suspended particulate matter and implications for tracing ENSO events in the Pacific coast (Tumbes basin, Peru). <i>Global and Planetary Change</i> , 2020, 185, 103080.	1.6	5
5	Modelling the riverine $\delta^7Li$ variability throughout the Amazon Basin. <i>Chemical Geology</i> , 2020, 532, 119336.	1.4	19
6	Hydrological control, fractionation, and fluxes of dissolved rare earth elements in the lower Orinoco River, Venezuela. <i>Applied Geochemistry</i> , 2020, 112, 104462.	1.4	3
7	The origin of continental carbonates in Andean salars: A multi-tracer geochemical approach in Laguna Pastos Grandes (Bolivia). <i>Geochimica Et Cosmochimica Acta</i> , 2020, 279, 220-237.	1.6	9
8	Controls on the geochemistry of suspended sediments from large tropical South American rivers (Amazon, Orinoco and Maroni). <i>Chemical Geology</i> , 2019, 522, 38-54.	1.4	32
9	Temporal variability and annual budget of inorganic dissolved matter in Andean Pacific Rivers located along a climate gradient from northern Ecuador to southern Peru. <i>Comptes Rendus - Geoscience</i> , 2018, 350, 76-87.	0.4	7
10	Mountain ranges, climate and weathering. Do orogens strengthen or weaken the silicate weathering carbon sink?. <i>Earth and Planetary Science Letters</i> , 2018, 493, 174-185.	1.8	32
11	Two Millennia of South Atlantic Convergence Zone Variability Reconstructed From Isotopic Proxies. <i>Geophysical Research Letters</i> , 2018, 45, 5045-5051.	1.5	53
12	Groundwater isotopic data as potential proxy for Holocene paleohydroclimatic and paleoecological models in NE Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 469, 92-103.	1.0	10
13	River Mixing in the Amazon as a Driver of Concentrationâ€¦Discharge Relationships. <i>Water Resources Research</i> , 2017, 53, 8660-8685.	1.7	33
14	A reassessment of the suspended sediment load in the Madeira River basin from the Andes of Peru and Bolivia to the Amazon River in Brazil, based on 10 years of data from the HYBAM monitoring programme. <i>Journal of Hydrology</i> , 2017, 553, 35-48.	2.3	42
15	Centennial-scale solar forcing of the South American Monsoon System recorded in stalagmites. <i>Scientific Reports</i> , 2016, 6, 24762.	1.6	71
16	Holocene changes in monsoon precipitation in the Andes of NE Peru based on $\delta^{18}O$ speleothem records. <i>Quaternary Science Reviews</i> , 2016, 146, 274-287.	1.4	44
17	Calibration of speleothem $\delta^{18}O$ records against hydroclimate instrumental records in Central Brazil. <i>Global and Planetary Change</i> , 2016, 139, 151-164.	1.6	27
18	Geochemistry of organic-rich river waters in Amazonia: Insights on weathering processes of intertropical cratonic terrain. <i>Applied Geochemistry</i> , 2016, 65, 22-35.	1.4	4

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19	Amazon River dissolved load: temporal dynamics and annual budget from the Andes to the ocean. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11405-11429.	2.7	60
20	Spatial-temporal variation of dissolved inorganic material in the Amazon basin. <i>Acta Amazonica</i> , 2015, 45, 175-186.	0.3	3
21	Contaminant transfer and hydrodispersive parameters in basaltic lava flows: artificial tracer test and implications for long-term management. <i>Open Geosciences</i> , 2015, 7, .	0.6	3
22	Cl and Na Fluxes in an Andean Foreland Basin of the Peruvian Amazon: An Anthropogenic Impact Evidence. <i>Aquatic Geochemistry</i> , 2014, 20, 613-637.	1.5	27
23	Comparison between Silicate Weathering and Physical Erosion Rates in Andean Basins of the Amazon River. <i>Procedia Earth and Planetary Science</i> , 2014, 10, 275-279.	0.6	12
24	Suspended sediment dynamics in the Amazon River of Peru. <i>Journal of South American Earth Sciences</i> , 2013, 44, 75-84.	0.6	46
25	Yields of suspended sediment and dissolved solids from the Andean basins of Ecuador. <i>Hydrological Sciences Journal</i> , 2013, 58, 1478-1494.	1.2	16
26	Climatic control on eastern Andean denudation rates (Central Cordillera from Ecuador to Bolivia). <i>Journal of South American Earth Sciences</i> , 2013, 44, 85-93.	0.6	35
27	Seasonal variability of total dissolved fluxes and origin of major dissolved elements within a large tropical river: The Orinoco, Venezuela. <i>Journal of South American Earth Sciences</i> , 2013, 44, 4-17.	0.6	27
28	GeoquÃ©mica de rios de Ãgua preta do sudeste do Amazonas: origem, fluxo dos elementos e consumo de CO <sub>2</sub> . <i>Acta Amazonica</i> , 2013, 43, 343-352.	0.3	4
29	Floodplains of large rivers: Weathering reactors or simple silos?. <i>Chemical Geology</i> , 2012, 332-333, 166-184.	1.4	96
30	Chemical weathering and atmospheric/soil CO <sub>2</sub> uptake in the Andean and Foreland Amazon basins. <i>Chemical Geology</i> , 2011, 287, 1-26.	1.4	121
31	Suspended sediment and dissolved load budgets of two Amazonian rivers from the Guiana Shield: Maroni River at Langa Tabiki and Oyapock River at Saut Maripa (French Guiana). <i>Hydrological Processes</i> , 2010, 24, 1433-1445.	1.1	24
32	Assessing the Effect of Climate Change on River Flow Using General Circulation Models and Hydrological Modelling – Application to the ChaudiÃ©re River, QuÃ©bec, Canada. <i>Canadian Water Resources Journal</i> , 2008, 33, 73-94.	0.5	37
33	Hydrological responses of a watershed to historical land use evolution and future land use scenarios under climate change conditions. <i>Hydrology and Earth System Sciences</i> , 2008, 12, 101-110.	1.9	61
34	Sediment budget in the Ucayali River basin, an Andean tributary of the Amazon River. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 367, 320-325.	1.0	8