

# Stéphane Molliex

## List of Publications by Year in descending order

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23  
papers

374  
citations

840776

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794594

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27  
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docs citations

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times ranked

635  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying subsidence and isostatic readjustment using sedimentary paleomarkers, example from the Gulf of Lion. <i>Earth and Planetary Science Letters</i> , 2014, 388, 353-366.	4.4	42
2	Tectonic and sedimentary inheritance on the structural framework of Provence (SE France): Importance of the Salon-Cavaillon fault. <i>Tectonophysics</i> , 2011, 501, 1-16.	2.2	36
3	Quaternary evolution of a large alluvial fan in a periglacial setting (Crau Plain, SE France) constrained by terrestrial cosmogenic nuclide ( $^{10}\text{Be}$ ). <i>Geomorphology</i> , 2013, 195, 45-52.	2.6	36
4	Late-Pleistocene catchment-wide denudation patterns across the European Alps. <i>Earth-Science Reviews</i> , 2020, 211, 103407.	9.1	32
5	Nonlinear forcing of climate on mountain denudation during glaciations. <i>Nature Geoscience</i> , 2021, 14, 16-22.	12.9	27
6	Evaluation of morphometric proxies for uplift on sequences of coral reef terraces: A case study from Sumba Island (Indonesia). <i>Geomorphology</i> , 2015, 241, 145-159.	2.6	25
7	Multi-approach quantification of denudation rates in the Gulf of Lion source-to-sink system (SE) Tj ETQq1 1 0.784314 rgBT / Overlock 10	4.4	24
8	The Roussillon Basin (S. France): A case-study to distinguish local and regional events between 6 and 3 Ma. <i>Marine and Petroleum Geology</i> , 2015, 66, 18-40.	3.3	21
9	High-resolution evolution of terrigenous sediment yields in the Provence Basin during the last 6 Ma: relation with climate and tectonics. <i>Basin Research</i> , 2017, 29, 305-339.	2.7	19
10	Morphological controls on the dynamics of carbonate landscapes under a mediterranean climate. <i>Terra Nova</i> , 2017, 29, 173-182.	2.1	17
11	Coastal uplift west of Algiers (Algeria): pre- and post-Messinian sequences of marine terraces and rasas and their associated drainage pattern. <i>International Journal of Earth Sciences</i> , 2017, 106, 19-41.	1.8	13
12	Unraveling the roles of asymmetric uplift, normal faulting and groundwater flow to drainage rearrangement in an emerging karstic landscape. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 1885-1898.	2.5	12
13	Simulating sediment supply from the Congo watershed over the last 155 ka. <i>Quaternary Science Reviews</i> , 2019, 203, 38-55.	3.0	12
14	Denudation systematics inferred from in situ cosmogenic $^{10}\text{Be}$ concentrations in fine ( $50\ \mu\text{m}$ ) and medium ( $100\ \mu\text{m}$ ) sediments of the Var River basin, southern French Alps. <i>Earth Surface Dynamics</i> , 2019, 7, 1059-1074.	3.4	11
15	Possible Quaternary growth of a hidden anticline at the front of the Jura fold-and-thrust belt: geomorphological constraints from the Foret de Chaux area, France. <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 337-346.	2.2	10
16	Quaternary geomorphological evolution of a granitic shore platform constrained by in situ $^{10}\text{Be}$ concentrations, Penmarc'h, SW Brittany, France. <i>Marine Geology</i> , 2018, 395, 33-47.	2.1	9
17	Controls on Holocene denudation rates in mountainous environments under Mediterranean climate. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 272-289.	2.5	5
18	4D forward stratigraphic modelling of the Late Quaternary Congo deep-sea fan: Role of climate/vegetation coupling in architectural evolution. <i>Marine Geology</i> , 2020, 429, 106334.	2.1	5

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19	On the generation and degradation of emerged coral reef terrace sequences: First cosmogenic <sup>36</sup> Cl analysis at Cape Laundi, Sumba Island (Indonesia). <i>Quaternary Science Reviews</i> , 2021, 269, 107144.	3.0	5
20	Quantifying Biogenic Versus Detrital Carbonates on Marine Shelf: An Isotopic Approach. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	4
21	Middle Pleistocene seismically induced clay diapirism in an intraplate zone, western Brittany, France. <i>Quaternary Research</i> , 2019, 91, 301-324.	1.7	3
22	Quaternary evolution of the Golo river alluvial plain (NE Corsica, France). <i>Quaternary Geochronology</i> , 2021, 61, 101115.	1.4	3
23	Eustatic knickpoint dynamics in an uplifting sequence of coral reef terraces, Sumba Island, Indonesia. <i>Geomorphology</i> , 2021, 393, 107936.	2.6	3