

Marina Rabineau

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80 papers	2,280 citations	26 h-index	46 g-index
91 ext. papers	2,610 ext. citations	3.6 avg, IF	4.47 L-index

#	Paper	IF	Citations
80	Paleo sea levels reconsidered from direct observation of paleoshoreline position during Glacial Maxima (For the last 500,000'yr). <i>Earth and Planetary Science Letters</i> , 2006 , 252, 119-137	5.3	180
79	Brazilian and African passive margins of the Central Segment of the South Atlantic Ocean: Kinematic constraints. <i>Tectonophysics</i> , 2009 , 468, 98-112	3.1	147
78	Sedimentary sequences in the Gulf of Lion: A record of 100,000 years climatic cycles. <i>Marine and Petroleum Geology</i> , 2005 , 22, 775-804	4.7	133
77	A two-step process for the reflooding of the Mediterranean after the Messinian Salinity Crisis. <i>Basin Research</i> , 2012 , 24, 125-153	3.2	112
76	Axial incision: The key to understand submarine canyon evolution (in the western Gulf of Lion). <i>Marine and Petroleum Geology</i> , 2005 , 22, 805-826	4.7	108
75	Messinian erosional and salinity crises: View from the Provence Basin (Gulf of Lions, Western Mediterranean). <i>Earth and Planetary Science Letters</i> , 2009 , 286, 139-157	5.3	98
74	Pliocene-Quaternary prograding clinoform wedges of the western Gulf of Lion continental margin (NW Mediterranean) after the Messinian Salinity Crisis. <i>Marine Geology</i> , 2003 , 198, 289-317	3.3	90
73	Pyrite sulfur isotopes reveal glacial-interglacial environmental changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 5941-5945	11.5	85
72	Shoreface migrations at the shelf edge and sea-level changes around the Last Glacial Maximum (Gulf of Lions, NW Mediterranean). <i>Marine Geology</i> , 2006 , 234, 21-42	3.3	75
71	Evolution of rifted continental margins: The case of the Gulf of Lions (Western Mediterranean Basin). <i>Earth and Planetary Science Letters</i> , 2010 , 292, 345-356	5.3	74
70	Pliocene and Lower Pleistocene vegetation and climate changes at the European scale: Long pollen records and climatostratigraphy. <i>Quaternary International</i> , 2010 , 219, 152-167	2	74
69	Sand bodies at the shelf edge in the Gulf of Lions (Western Mediterranean): Deglacial history and modern processes. <i>Marine Geology</i> , 2006 , 234, 93-109	3.3	64
68	Massive sand beds attributed to deposition by dense water cascades in the Bourcart canyon head, Gulf of Lions (northwestern Mediterranean Sea). <i>Marine Geology</i> , 2006 , 234, 111-128	3.3	55
67	Deep structure of the Santos Basin-São Paulo Plateau System, SE Brazil. <i>Journal of Geophysical Research: Solid Earth</i> , 2015 , 120, 5401-5431	3.6	50
66	3D architecture of lowstand and transgressive Quaternary sand bodies on the outer shelf of the Gulf of Lion, France. <i>Marine and Petroleum Geology</i> , 1998 , 15, 439-452	4.7	47
65	New imaging of the salinity crisis: Dual Messinian lowstand megasequences recorded in the deep basin of both the eastern and western Mediterranean. <i>Marine and Petroleum Geology</i> , 2015 , 66, 278-294	4.7	46
64	New insights on the Sorbas Basin (SE Spain): The onshore reference of the Messinian Salinity Crisis. <i>Marine and Petroleum Geology</i> , 2015 , 66, 71-100	4.7	39

63	The Impact of Quaternary Global Changes on Strata Formation: Exploration of the Shelf Edge in the Northwest Mediterranean Sea. <i>Oceanography</i> , 2004 , 17, 92-103	2.3	39
62	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	5.3	37
61	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) II. Gulf of Lion's margin. <i>Bulletin - Societie Geologique De France</i> , 2015 , 186, 309-330	2.3	36
60	Messinian evaporite deposition during sea level rise in the Gulf of Lions (Western Mediterranean). <i>Marine and Petroleum Geology</i> , 2015 , 66, 262-277	4.7	33
59	Imaging proto-oceanic crust off the Brazilian Continental Margin. <i>Geophysical Journal International</i> , 2014 , 200, 471-488	2.6	32
58	The provenance of sediments in the Gulf of Lions, western Mediterranean Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2011 , 12, n/a-n/a	3.6	32
57	Quaternary turbidite systems on the northern margins of the Balearic Basin (Western Mediterranean): a synthesis. <i>Geo-Marine Letters</i> , 2006 , 26, 347-359	1.9	32
56	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , 2011 , 284, 158-174	3.3	30
55	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) III. Sardinia's margin. <i>Bulletin - Societie Geologique De France</i> , 2015 , 186, 331-351	2.3	28
54	Kinematic keys of the Santos-Namibe basins. <i>Geological Society Special Publication</i> , 2013 , 369, 91-107	1.7	25
53	Origin of step-like and lobate seafloor features along the continental shelf off Rio de Janeiro State, Santos basin-Brazil. <i>Geomorphology</i> , 2013 , 203, 25-45	4.3	25
52	Stratigraphic simulations of the shelf of the Gulf of Lions: testing subsidence rates and sea-level curves during the Pliocene and Quaternary. <i>Terra Nova</i> , 2014 , 26, 230-238	3	25
51	Tectonostratigraphic evolution of the eastern Algerian margin and basin from seismic data and onshore-offshore correlation. <i>Marine and Petroleum Geology</i> , 2016 , 77, 1355-1375	4.7	25
50	2013 , 9, 1236		24
49	Multi-approach quantification of denudation rates in the Gulf of Lion source-to-sink system (SE France). <i>Earth and Planetary Science Letters</i> , 2016 , 444, 101-115	5.3	21
48	The Cenozoic tectonostratigraphic evolution of the Barracuda Ridge and Tiburon Rise, at the western end of the North America-South America plate boundary zone. <i>Marine Geology</i> , 2012 , 303-306, 154-171	3.3	18
47	Palynology of the northwestern Mediterranean shelf (Gulf of Lions): First vegetational record for the last climatic cycle. <i>Marine and Petroleum Geology</i> , 2005 , 22, 845-863	4.7	17
46	The Minorca Basin: a buffer zone between the Valencia and Liguro-Provençal Basins (NW Mediterranean Sea). <i>Terra Nova</i> , 2016 , 28, 245-256	3	16

45	Sedimentary markers in the Provençal Basin (western Mediterranean): a window into deep geodynamic processes. <i>Terra Nova</i> , 2015 , 27, 122-129	3	15
44	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	3.2	13
43	Seismic stratigraphy of the NW Moroccan Atlantic continental shelf and Quaternary deformation at the offshore termination of the southern Rif front. <i>Comptes Rendus - Geoscience</i> , 2010 , 342, 731-740	1.4	13
42	Coupling stratigraphic and petroleum system modeling tools in complex tectonic domains: case study in the North Algerian Offshore. <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	13
41	Imaging exhumed lower continental crust in the distal Jequitinhonha basin, Brazil. <i>Journal of South American Earth Sciences</i> , 2018 , 84, 351-372	2	12
40	Late Pleistocene-Holocene history of a tectonically active segment of the continental margin (Nekor basin, Western Mediterranean, Morocco). <i>Marine and Petroleum Geology</i> , 2018 , 97, 370-389	4.7	12
39	Structure and evolution of the Gulf of Lions: The Sardinia seismic experiment and the GOLD (Gulf of Lions Drilling) project. <i>The Leading Edge</i> , 2012 , 31, 786-792	1	12
38	Sedimentological imprint on subseafloor microbial communities in Western Mediterranean Sea Quaternary sediments. <i>Biogeosciences</i> , 2012 , 9, 3491-3512	4.6	12
37	Morphology of retrogressive failures in the Eastern Rhone interfluvium during the last glacial maximum (Gulf of Lions, Western Mediterranean). <i>Geomorphology</i> , 2020 , 351, 106894	4.3	12
36	Pre-Pliocene tectonostratigraphic framework of the Provence continental shelf (eastern Gulf of Lion, SE France). <i>Bulletin - Societe Geologique De France</i> , 2016 , 187, 187-215	2.3	12
35	Recent uplift of the Atlantic Atlas (offshore West Morocco): Tectonic arch and submarine terraces. <i>Tectonophysics</i> , 2017 , 706-707, 46-58	3.1	11
34	Major modification of sediment routing by a large Mass Transport Deposit in the Gulf of Lions (Western Mediterranean). <i>Marine Geology</i> , 2019 , 411, 1-20	3.3	11
33	Numerical modeling of bottom trawling-induced sediment transport and accumulation in La Fonera submarine canyon, northwestern Mediterranean Sea. <i>Marine Geology</i> , 2017 , 386, 107-125	3.3	10
32	The Apennine foredeep (Italy) during the latest Messinian: Lago Mare reflects competing brackish and marine conditions based on calcareous nannofossils and dinoflagellate cysts. <i>Geobios</i> , 2017 , 50, 237-257	1.5	10
31	Simulating sediment supply from the Congo watershed over the last 155 ka. <i>Quaternary Science Reviews</i> , 2019 , 203, 38-55	3.9	10
30	3D architecture of Quaternary sediment along the NW Atlantic Moroccan Rharb continental shelf: A stratal pattern under the dual control of tectonics and climatic variations. <i>Marine and Petroleum Geology</i> , 2014 , 49, 129-142	4.7	9
29	The late Messinian event: A worldwide tectonic revolution. <i>Terra Nova</i> , 2018 , 30, 207-214	3	8
28	The Messinian Ebro River incision. <i>Global and Planetary Change</i> , 2019 , 181, 102988	4.2	8

27	Discovery of Messinian canyons and new seismic stratigraphic model, offshore Provence (SE France): Implications for the hydrographic network reconstruction. <i>Marine and Petroleum Geology</i> , 2014 , 57, 25-50	4.7	8
26	Heat flow in the Western Mediterranean: Thermal anomalies on the margins, the seafloor and the transfer zones. <i>Marine Geology</i> , 2020 , 419, 106064	3.3	8
25	Acid digestion on river influenced shelf sediment organic matter: Carbon and nitrogen contents and isotopic ratios. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 86-92	2.2	7
24	Post-rift evolution of the Gulf of Lion margin tested by stratigraphic modelling. <i>Bulletin - Soci�� Geologique De France</i> , 2015 , 186, 291-308	2.3	7
23	Seismic stratigraphy and depositional architecture of Neogene intraslope basins, offshore western Niger Delta. <i>Marine and Petroleum Geology</i> , 2019 , 109, 449-468	4.7	6
22	Integrated geophysical, sedimentological and geotechnical investigation of submarine landslides in the Gulf of Lions (Western Mediterranean). <i>Geological Society Special Publication</i> , 2020 , 500, 359-376	1.7	6
21	Biogeographic mechanisms involved in the colonization of Madagascar by African vertebrates: Rifting, rafting and runways. <i>Journal of Biogeography</i> , 2021 , 48, 492-510	4.1	6
20	Facies architecture of Miocene subaqueous clinothems of the New Jersey passive margin: Results from IODP-ICDP Expedition 313 2018 , 14, 1564-1591		6
19	On the termination of deep-sea fan channels: Examples from the Rh�� Fan (Gulf of Lion, Western Mediterranean Sea). <i>Geomorphology</i> , 2020 , 369, 107368	4.3	5
18	Controls on Holocene denudation rates in mountainous environments under Mediterranean climate. <i>Earth Surface Processes and Landforms</i> , 2017 , 42, 272-289	3.7	4
17	Neogene evolution and demise of the Amazon carbonate platform, Amazon continental margin, Brazil. <i>Marine and Petroleum Geology</i> , 2019 , 105, 185-203	4.7	4
16	Corrigendum to: Paleo sea levels reconsidered from direct observation of paleoshoreline position during Glacial Maxima (for the last 500,000 years) [Earth Planet. Sci. Lett. 252 (2006), 119--137]. <i>Earth and Planetary Science Letters</i> , 2007 , 254, 446-447	5.3	4
15	Early Eocene vigorous ocean overturning and its contribution to a warm Southern Ocean. <i>Climate of the Past</i> , 2020 , 16, 1263-1283	3.9	4
14	Organic matter isotopes reveal enhanced rainfall activity in Northwestern Mediterranean borderland during warm substages of the last 200 kyr. <i>Quaternary Science Reviews</i> , 2019 , 205, 182-192	3.9	4
13	Lithospheric structuration onshore-offshore of the Sergipe-Alagoas passive margin, NE Brazil, based on wide-angle seismic data. <i>Journal of South American Earth Sciences</i> , 2018 , 88, 649-672	2	4
12	Probing connections between deep earth and surface processes in a land-locked ocean basin transformed into a giant saline basin: The Mediterranean GOLD project#. <i>Marine and Petroleum Geology</i> , 2015 , 66, 6-17	4.7	3
11	The Last Glacial Maximum Balearic Abyssal Plain megabed revisited. <i>Geological Society Special Publication</i> , 2020 , 500, 341-357	1.7	3
10	Slope morphologies offshore Dakhla (SW Moroccan margin). <i>Bulletin - Soci�� Geologique De France</i> , 2016 , 187, 27-39	2.3	3

9	Quantifying Biogenic Versus Detrital Carbonates on Marine Shelf: An Isotopic Approach. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	3
8	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	3.3	3
7	Salt morphologies and crustal segmentation relationship: New insights from the Western Mediterranean Sea. <i>Earth-Science Reviews</i> , 2021 , 222, 103818	10.2	2
6	Sedimentary evolution and effects of structural controls on the development of the Zambezi mixed turbidite-contourite system (Mozambique Channel, Southwest Indian Ocean) since the Oligocene. <i>Marine and Petroleum Geology</i> , 2022 , 138, 105532	4.7	1
5	Paleoenvironmental imprint on subseafloor microbial communities in Western Mediterranean Sea Quaternary sediments		1
4	Passive Margin and Continental Basin: Towards a New Paradigm. <i>Advances in Science, Technology and Innovation</i> , 2019 , 333-336	0.3	1
3	Pliocene and Pleistocene stratigraphic evolution of the western Niger Delta intraslope basins: A record of glacio-eustatic sea-level and basin tectonic forcings. <i>Global and Planetary Change</i> , 2020 , 195, 103355	4.2	0
2	Multidisciplinary Study of Marine Archives: Reconstruction of Sea-Level, Sediment Yields, Sediment Sources, Paleoclimate, Paleoceanography and Vertical Movement on Margins: Examples from the Western Mediterranean Sea. <i>Advances in Science, Technology and Innovation</i> , 2022 , 265-270	0.3	
1	Major Kinematic Revolutions: The Underside of the Maps. <i>Advances in Science, Technology and Innovation</i> , 2022 , 529-534	0.3	