

# Marina Rabineau

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> , 265-270	0.3	
79	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> , <b>2022</b> , 138, 105532	4.7	1
78	Major Kinematic Revolutions: The Underside of the Maps. <i>Advances in Science, Technology and Innovation</i> , <b>2022</b> , 529-534	0.3	
77	Biogeographic mechanisms involved in the colonization of Madagascar by African vertebrates: Rifting, rafting and runways. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 492-510	4.1	6
76	Salt morphologies and crustal segmentation relationship: New insights from the Western Mediterranean Sea. <i>Earth-Science Reviews</i> , <b>2021</b> , 222, 103818	10.2	2
75	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> , <b>2020</b> , 195, 103355	4.2	0
74	Integrated geophysical, sedimentological and geotechnical investigation of submarine landslides in the Gulf of Lions (Western Mediterranean). <i>Geological Society Special Publication</i> , <b>2020</b> , 500, 359-376	1.7	6
73	The Last Glacial Maximum Balearic Abyssal Plain megabed revisited. <i>Geological Society Special Publication</i> , <b>2020</b> , 500, 341-357	1.7	3
72	Early Eocene vigorous ocean overturning and its contribution to a warm Southern Ocean. <i>Climate of the Past</i> , <b>2020</b> , 16, 1263-1283	3.9	4
71	Heat flow in the Western Mediterranean: Thermal anomalies on the margins, the seafloor and the transfer zones. <i>Marine Geology</i> , <b>2020</b> , 419, 106064	3.3	8
70	Morphology of retrogressive failures in the Eastern Rhone interfluvium during the last glacial maximum (Gulf of Lions, Western Mediterranean). <i>Geomorphology</i> , <b>2020</b> , 351, 106894	4.3	12
69	4D forward stratigraphic modelling of the Late Quaternary Congo deep-sea fan: Role of climate/vegetation coupling in architectural evolution. <i>Marine Geology</i> , <b>2020</b> , 429, 106334	3.3	3
68	On the termination of deep-sea fan channels: Examples from the Rhône Fan (Gulf of Lion, Western Mediterranean Sea). <i>Geomorphology</i> , <b>2020</b> , 369, 107368	4.3	5
67	Seismic stratigraphy and depositional architecture of Neogene intraslope basins, offshore western Niger Delta. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 109, 449-468	4.7	6
66	Neogene evolution and demise of the Amapá carbonate platform, Amazon continental margin, Brazil. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 105, 185-203	4.7	4
65	Major modification of sediment routing by a large Mass Transport Deposit in the Gulf of Lions (Western Mediterranean). <i>Marine Geology</i> , <b>2019</b> , 411, 1-20	3.3	11
64	The Messinian Ebro River incision. <i>Global and Planetary Change</i> , <b>2019</b> , 181, 102988	4.2	8

63	Quantifying Biogenic Versus Detrital Carbonates on Marine Shelf: An Isotopic Approach. <i>Frontiers in Earth Science</i> , <b>2019</b> , 7,	3.5	3
62	Passive Margin and Continental Basin: Towards a New Paradigm. <i>Advances in Science, Technology and Innovation</i> , <b>2019</b> , 333-336	0.3	1
61	Simulating sediment supply from the Congo watershed over the last 155 ka. <i>Quaternary Science Reviews</i> , <b>2019</b> , 203, 38-55	3.9	10
60	Organic matter isotopes reveal enhanced rainfall activity in Northwestern Mediterranean borderland during warm substages of the last 200 kyr. <i>Quaternary Science Reviews</i> , <b>2019</b> , 205, 182-192	3.9	4
59	Imaging exhumed lower continental crust in the distal Jequitinhonha basin, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2018</b> , 84, 351-372	2	12
58	The late Messinian event: A worldwide tectonic revolution. <i>Terra Nova</i> , <b>2018</b> , 30, 207-214	3	8
57	Acid digestion on river influenced shelf sediment organic matter: Carbon and nitrogen contents and isotopic ratios. <i>Rapid Communications in Mass Spectrometry</i> , <b>2018</b> , 32, 86-92	2.2	7
56	Late Pleistocene-Holocene history of a tectonically active segment of the continental margin (Nekor basin, Western Mediterranean, Morocco). <i>Marine and Petroleum Geology</i> , <b>2018</b> , 97, 370-389	4.7	12
55	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> , <b>2018</b> , 88, 649-672	2	4
54	Facies architecture of Miocene subaqueous clinothems of the New Jersey passive margin: Results from IODP-ICDP Expedition 313 <b>2018</b> , 14, 1564-1591		6
53	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> , <b>2017</b> , 29, 305-339	3.2	13
52	Controls on Holocene denudation rates in mountainous environments under Mediterranean climate. <i>Earth Surface Processes and Landforms</i> , <b>2017</b> , 42, 272-289	3.7	4
51	Numerical modeling of bottom trawling-induced sediment transport and accumulation in La Fonera submarine canyon, northwestern Mediterranean Sea. <i>Marine Geology</i> , <b>2017</b> , 386, 107-125	3.3	10
50	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> , <b>2017</b> , 50, 237-257	1.5	10
49	Pyrite sulfur isotopes reveal glacial-interglacial environmental changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 5941-5945	11.5	85
48	Recent uplift of the Atlantic Atlas (offshore West Morocco): Tectonic arch and submarine terraces. <i>Tectonophysics</i> , <b>2017</b> , 706-707, 46-58	3.1	11
47	Multi-approach quantification of denudation rates in the Gulf of Lion source-to-sink system (SE France). <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 444, 101-115	5.3	21
46	Slope morphologies offshore Dakhla (SW Moroccan margin). <i>Bulletin - Societie Geologique De France</i> , <b>2016</b> , 187, 27-39	2.3	3

45	The Minorca Basin: a buffer zone between the Valencia and Liguro-Provençal Basins (NW Mediterranean Sea). <i>Terra Nova</i> , <b>2016</b> , 28, 245-256	3	16
44	Coupling stratigraphic and petroleum system modeling tools in complex tectonic domains: case study in the North Algerian Offshore. <i>Arabian Journal of Geosciences</i> , <b>2016</b> , 9, 1	1.8	13
43	Tectonostratigraphic evolution of the eastern Algerian margin and basin from seismic data and onshore-offshore correlation. <i>Marine and Petroleum Geology</i> , <b>2016</b> , 77, 1355-1375	4.7	25
42	Pre-Pliocene tectonostratigraphic framework of the Provence continental shelf (eastern Gulf of Lion, SE France). <i>Bulletin - Societie Geologique De France</i> , <b>2016</b> , 187, 187-215	2.3	12
41	Messinian evaporite deposition during sea level rise in the Gulf of Lions (Western Mediterranean). <i>Marine and Petroleum Geology</i> , <b>2015</b> , 66, 262-277	4.7	33
40	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) III. Sardinia margin. <i>Bulletin - Societie Geologique De France</i> , <b>2015</b> , 186, 331-351	2.3	28
39	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> , <b>2015</b> , 66, 6-17	4.7	3
38	New insights on the Sorbas Basin (SE Spain): The onshore reference of the Messinian Salinity Crisis. <i>Marine and Petroleum Geology</i> , <b>2015</b> , 66, 71-100	4.7	39
37	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) II. Gulf of Lion margin. <i>Bulletin - Societie Geologique De France</i> , <b>2015</b> , 186, 309-330	2.3	36
36	Sedimentary markers in the Provençal Basin (western Mediterranean): a window into deep geodynamic processes. <i>Terra Nova</i> , <b>2015</b> , 27, 122-129	3	15
35	Post-rift evolution of the Gulf of Lion margin tested by stratigraphic modelling. <i>Bulletin - Societie Geologique De France</i> , <b>2015</b> , 186, 291-308	2.3	7
34	Deep structure of the Santos Basin-São Paulo Plateau System, SE Brazil. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2015</b> , 120, 5401-5431	3.6	50
33	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> , <b>2015</b> , 66, 278-294	4.7	46
32	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> , <b>2014</b> , 49, 129-142	4.7	9
31	Quantifying subsidence and isostatic readjustment using sedimentary paleomarkers, example from the Gulf of Lion. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 388, 353-366	5.3	37
30	Imaging proto-oceanic crust off the Brazilian Continental Margin. <i>Geophysical Journal International</i> , <b>2014</b> , 200, 471-488	2.6	32
29	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> , <b>2014</b> , 26, 230-238	3	25
28	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> , <b>2014</b> , 57, 25-50	4.7	8

27	Kinematic keys of the Santos-Namibe basins. <i>Geological Society Special Publication</i> , <b>2013</b> , 369, 91-107	1.7	25
26	Origin of step-like and lobate seafloor features along the continental shelf off Rio de Janeiro State, Santos basin-Brazil. <i>Geomorphology</i> , <b>2013</b> , 203, 25-45	4.3	25
25	<b>2013</b> , 9, 1236		24
24	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> , <b>2012</b> , 303-306, 154-171	3.3	18
23	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> , <b>2012</b> , 31, 786-792	1	12
22	Sedimentological imprint on subseafloor microbial communities in Western Mediterranean Sea Quaternary sediments. <i>Biogeosciences</i> , <b>2012</b> , 9, 3491-3512	4.6	12
21	A two-step process for the reflooding of the Mediterranean after the Messinian Salinity Crisis. <i>Basin Research</i> , <b>2012</b> , 24, 125-153	3.2	112
20	The provenance of sediments in the Gulf of Lions, western Mediterranean Sea. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2011</b> , 12, n/a-n/a	3.6	32
19	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , <b>2011</b> , 284, 158-174	3.3	30
18	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> , <b>2010</b> , 342, 731-740	1.4	13
17	Evolution of rifted continental margins: The case of the Gulf of Lions (Western Mediterranean Basin). <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 292, 345-356	5.3	74
16	Pliocene and Lower Pleistocene vegetation and climate changes at the European scale: Long pollen records and climatostratigraphy. <i>Quaternary International</i> , <b>2010</b> , 219, 152-167	2	74
15	Messinian erosional and salinity crises: View from the Provence Basin (Gulf of Lions, Western Mediterranean). <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 286, 139-157	5.3	98
14	Brazilian and African passive margins of the Central Segment of the South Atlantic Ocean: Kinematic constraints. <i>Tectonophysics</i> , <b>2009</b> , 468, 98-112	3.1	147
13	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> , <b>2007</b> , 254, 446-447	5.3	4
12	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> , <b>2006</b> , 234, 111-128	3.3	55
11	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> , <b>2006</b> , 252, 119-137	5.3	180
10	Sand bodies at the shelf edge in the Gulf of Lions (Western Mediterranean): Deglacial history and modern processes. <i>Marine Geology</i> , <b>2006</b> , 234, 93-109	3.3	64

9	Shoreface migrations at the shelf edge and sea-level changes around the Last Glacial Maximum (Gulf of Lions, NW Mediterranean). <i>Marine Geology</i> , <b>2006</b> , 234, 21-42	3.3	75
8	Quaternary turbidite systems on the northern margins of the Balearic Basin (Western Mediterranean): a synthesis. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 347-359	1.9	32
7	Palynology of the northwestern Mediterranean shelf (Gulf of Lions): First vegetational record for the last climatic cycle. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 845-863	4.7	17
6	Sedimentary sequences in the Gulf of Lion: A record of 100,000 years climatic cycles. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 775-804	4.7	133
5	Axial incision: The key to understand submarine canyon evolution (in the western Gulf of Lion). <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 805-826	4.7	108
4	The Impact of Quaternary Global Changes on Strata Formation: Exploration of the Shelf Edge in the Northwest Mediterranean Sea. <i>Oceanography</i> , <b>2004</b> , 17, 92-103	2.3	39
3	Plio-Quaternary prograding clinoform wedges of the western Gulf of Lion continental margin (NW Mediterranean) after the Messinian Salinity Crisis. <i>Marine Geology</i> , <b>2003</b> , 198, 289-317	3.3	90
2	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> , <b>1998</b> , 15, 439-452	4.7	47
1	Paleoenvironmental imprint on subseafloor microbial communities in Western Mediterranean Sea Quaternary sediments		1