

Maryline Moulin

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.

41
papers

1,343
citations

17
h-index

36
g-index

44
ext. papers

1,578
ext. citations

3.1
avg, IF

4.23
L-index

#	Paper	IF	Citations
41	A new starting point for the South and Equatorial Atlantic Ocean. <i>Earth-Science Reviews</i> , 2010 , 98, 1-37	10.2	313
40	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
39	Geological constraints on the evolution of the Angolan margin based on reflection and refraction seismic data (ZaAngo project). <i>Geophysical Journal International</i> , 2005 , 162, 793-810	2.6	145
38	Deep structure of the West African continental margin (Congo, Zaïre, Angola), between 5°S and 8°S, from reflection/refraction seismics and gravity data. <i>Geophysical Journal International</i> , 2004 , 158, 529-553	2.6	143
37	Paleogeographic evolution of the central segment of the South Atlantic during Early Cretaceous times: Paleotopographic and geodynamic implications. <i>Tectonophysics</i> , 2013 , 604, 191-223	3.1	71
36	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
35	Crustal structure of the SW Moroccan margin from wide-angle and reflection seismic data (the Dakhla experiment). Part B The tectonic heritage. <i>Tectonophysics</i> , 2009 , 468, 83-97	3.1	40
34	New starting point for the Indian Ocean: Second phase of breakup for Gondwana. <i>Earth-Science Reviews</i> , 2019 , 191, 26-56	10.2	38
33	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
32	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 - Societe Geologique De France</i> , 2015 , 186, 309-330	2.3	36
31	Imaging proto-oceanic crust off the Brazilian Continental Margin. <i>Geophysical Journal International</i> , 2014 , 200, 471-488	2.6	32
30	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) III. Sardinia margin. <i>Bulletin - Societe Geologique De France</i> , 2015 , 186, 331-351	2.3	28
29	Kinematic keys of the Santos-Namibe basins. <i>Geological Society Special Publication</i> , 2013 , 369, 91-107	1.7	25
28	Response of a multi-domain continental margin to compression: Study from seismic reflection/refraction and numerical modelling in the Tagus Abyssal Plain. <i>Tectonophysics</i> , 2009 , 468, 113-130	3.1	25
27	Palaeogeographic consequences of conservative models in the South Atlantic Ocean. <i>Geological Society Special Publication</i> , 2013 , 369, 75-90	1.7	22
26	Deep crustal structure of the North-West African margin from combined wide-angle and reflection seismic data (MIRROR seismic survey). <i>Tectonophysics</i> , 2015 , 656, 154-174	3.1	20
25	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

24	Comment on A new scheme for the opening of the South Atlantic Ocean and the dissection of an Aptian salt basin by Trond H. Torsvik, Sonia Rousse, Cinthia Labails and Mark A. Smethurst. <i>Geophysical Journal International</i> , 2010 , 183, 20-28	2.6	16
23	Gondwana breakup: Messages from the North Natal Valley. <i>Terra Nova</i> , 2020 , 32, 205-214	3	16
22	Sedimentary markers in the Provençal Basin (western Mediterranean): a window into deep geodynamic processes. <i>Terra Nova</i> , 2015 , 27, 122-129	3	15
21	Monte Carlo approach to assess the uncertainty of wide-angle layered models: Application to the Santos Basin, Brazil. <i>Tectonophysics</i> , 2016 , 683, 286-307	3.1	14
20	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
19	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
18	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
17	The late Messinian event: A worldwide tectonic revolution. <i>Terra Nova</i> , 2018 , 30, 207-214	3	8
16	Post-rift evolution of the Gulf of Lion margin tested by stratigraphic modelling. <i>Bulletin - Societe Geologique De France</i> , 2015 , 186, 291-308	2.3	7
15	Deep Structure of the North Natal Valley (Mozambique) Using Combined Wide-Angle and Reflection Seismic Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2020JB021171	3.6	7
14	The Limpopo magma-rich transform margin, South Mozambique Part 1: Insights from deep-structure seismic imaging. <i>Tectonics</i> , e2021TC006915	4.3	4
13	Seismic evidence for crustal architecture and stratigraphy of the Limpopo Corridor: New insights into the evolution of the sheared margin offshore southern Mozambique. <i>Marine Geology</i> , 2021 , 435, 106468	3.3	4
12	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
11	Crustal structure of the East African Limpopo margin, a strike-slip rifted corridor along the continental Mozambique Coastal Plain and North Natal Valley. <i>Solid Earth</i> , 2021 , 12, 1865-1897	3.3	4
10	Deep structure of the ParáMaranhão/Barreirinhas passive margin in the equatorial Atlantic (NE Brazil). <i>Journal of South American Earth Sciences</i> , 2021 , 110, 103322	2	4
9	Salt morphologies and crustal segmentation relationship: New insights from the Western Mediterranean Sea. <i>Earth-Science Reviews</i> , 2021 , 222, 103818	10.2	2
8	Comment on The challenge in restoring magma-rich rifted margins: The example of the Mozambique-Antarctica conjugate margins by Tomasi S. et al.. <i>Gondwana Research</i> , 2021 , 103, 401-401	5.1	1
7	From Rifting to Spreading: The Proto-Oceanic Crust. <i>Advances in Science, Technology and Innovation</i> , 2019 , 329-331	0.3	1

6	Passive Margin and Continental Basin: Towards a New Paradigm. <i>Advances in Science, Technology and Innovation</i> , 2019 , 333-336	0.3	1
5	Imaging Early Oceanic Crust spreading in the Equatorial Atlantic Ocean: Insights from the MAGIC wide-angle experiment. <i>Journal of South American Earth Sciences</i> , 2021 , 111, 103493	2	1
4	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	
3	Exhumed Lower Continental Crust and Proto-oceanic Crust Interactions? The BasAlg and ArcMal Deep Seismic Projects. <i>Advances in Science, Technology and Innovation</i> , 2022 , 535-539	0.3	
2	Major Kinematic Revolutions: The Underside of the Maps. <i>Advances in Science, Technology and Innovation</i> , 2022 , 529-534	0.3	
1	South and Equatorial Atlantic Margins 2022 , 69-91		