

Maryline Moulin

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,779
citations

361413

20
h-index

315739

38
g-index

44
all docs

44
docs citations

44
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	A new starting point for the South and Equatorial Atlantic Ocean. <i>Earth-Science Reviews</i> , 2010, 98, 1-37.	9.1	415
2	Brazilian and African passive margins of the Central Segment of the South Atlantic Ocean: Kinematic constraints. <i>Tectonophysics</i> , 2009, 468, 98-112.	2.2	184
3	Geological constraints on the evolution of the Angolan margin based on reflection and refraction seismic data (ZaÃre project). <i>Geophysical Journal International</i> , 2005, 162, 793-810.	2.4	170
4	Deep structure of the West African continental margin (Congo, ZaÃre, Angola), between 5Â°S and 8Â°S, from reflection/refraction seismics and gravity data. <i>Geophysical Journal International</i> , 2004, 158, 529-553.	2.4	162
5	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.	2.2	108
6	Deep structure of the Santos Basin and Paulo Plateau System, SE Brazil. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 5401-5431.	3.4	71
7	New starting point for the Indian Ocean: Second phase of breakup for Gondwana. <i>Earth-Science Reviews</i> , 2019, 191, 26-56.	9.1	64
8	Crustal structure of the SW Moroccan margin from wide-angle and reflection seismic data (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 48	2.2	48
9	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
10	Imaging proto-oceanic crust off the Brazilian Continental Margin. <i>Geophysical Journal International</i> , 2014, 200, 471-488.	2.4	40
11	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) â€ I. Gulf of Lionâ€™s margin. <i>Bulletin - Societie Geologique De France</i> , 2015, 186, 309-330.	2.2	39
12	Kinematic keys of the Santosâ€™ Namibe basins. <i>Geological Society Special Publication</i> , 2013, 369, 91-107.	1.3	38
13	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) â€ II. Sardiniaâ€™s margin. <i>Bulletin - Societie Geologique De France</i> , 2015, 186, 331-351.	2.2	31
14	Response of a multi-domain continental margin to compression: Study from seismic reflectionâ€refraction and numerical modelling in the Tagus Abyssal Plain. <i>Tectonophysics</i> , 2009, 468, 113-130.	2.2	29
15	Palaeogeographic consequences of conservational models in the South Atlantic Ocean. <i>Geological Society Special Publication</i> , 2013, 369, 75-90.	1.3	27
16	Gondwana breakup: Messages from the North Natal Valley. <i>Terra Nova</i> , 2020, 32, 205-214.	2.1	27
17	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.	2.2	26
18	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.	2.2	25

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19	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.	2.1	24
20	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.	2.4	22
21	Imaging exhumed lower continental crust in the distal Jequitinhonha basin, Brazil. <i>Journal of South American Earth Sciences</i> , 2018, 84, 351-372.	1.4	21
22	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
23	Sedimentary markers in the Provençal Basin (western Mediterranean): a window into deep geodynamic processes. <i>Terra Nova</i> , 2015, 27, 122-129.	2.1	17
24	The late Messinian event: A worldwide tectonic revolution. <i>Terra Nova</i> , 2018, 30, 207-214.	2.1	15
25	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.	1.4	14
26	Deep structure of the Pará-Maranhão/Barreirinhas passive margin in the equatorial Atlantic (NE). <i>Tectonophysics</i> , 2019, 767, 101-115.	1.4	14
27	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.	3.4	13
28	Structure and evolution of the Gulf of Lions: The Sardinia seismic experiment and the GOLD (Gulf of Lions Ocean Drilling Program). <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 10,707-10,727.	9.7	12
29	The Limpopo Magma-Rich Transform Margin, South Mozambique: 1. Insights From Deep-Structure Seismic Imaging. <i>Tectonics</i> , 2021, 40, e2021TC006915.	2.8	10
30	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.	2.1	9
31	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.	2.8	9
32	Post-rift evolution of the Gulf of Lion margin tested by stratigraphic modelling. <i>Bulletin - Soci�t� Geologique De France</i> , 2015, 186, 291-308.	2.2	8
33	Salt morphologies and crustal segmentation relationship: New insights from the Western Mediterranean Sea. <i>Earth-Science Reviews</i> , 2021, 222, 103818.	9.1	6
34	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.	1.4	6
35	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> , 2022, 103, 401-403.	6.0	3
36	From Rifting to Spreading: The Proto-Oceanic Crust. <i>Advances in Science, Technology and Innovation</i> , 2019, , 329-331.	0.4	1

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37	Passive Margin and Continental Basin: Towards a New Paradigm. Advances in Science, Technology and Innovation, 2019, , 333-336.	0.4	1
38	Brazilian and Angolan Passive Margins: the kinematic constraints. , 2007, , .		0