Maryline Moulin

List of Publications by Year
in descending order

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	Comment on â€˜The challenge in restoring magma-rich rifted margins: The example of the Mozambique-Antarctica conjugate marginsâ€™ by Tomasi S. et al.. Gondwana Research, 2022, 103, 401-403.	6.0	3
2	Deep Structure of the North Natal Valley (Mozambique) Using Combined Wideâ€Angle and Reflection Seismic Data. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021171.	3.4	13
3	Seismic evidence for crustal architecture and stratigraphy of the Limpopo Corridor: New insights into the evolution of the sheared margin offshore southern Mozambique. Marine Geology, 2021, 435, 106468.	2.1	9
4	Crustal structure of the East African Limpopo margin, a strike-slip rifted corridor along the continental Mozambique Coastal Plain and North Natal Valley. Solid Earth, 2021, 12, 1865-1897.	2.8	9
5	Deep structure of the ParÃ¡-MaranhÃ£o/Barreirinhas passive margin in the equatorial Atlantic (NE) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	14
6	Salt morphologies and crustal segmentation relationship: New insights from the Western Mediterranean Sea. Earth-Science Reviews, 2021, 222, 103818.	9.1	6
7	Imaging Early Oceanic Crust spreading in the Equatorial Atlantic Ocean: Insights from the MAGIC wide-angle experiment. Journal of South American Earth Sciences, 2021, 111, 103493.	1.4	6
8	The Limpopo Magmaâ€Rich Transform Margin, South Mozambique: 1. Insights From Deepâ€Structure Seismic Imaging. Tectonics, 2021, 40, e2021TC006915.	2.8	10
9	Gondwana breakup: Messages from the North Natal Valley. Terra Nova, 2020, 32, 205-214.	2.1	27
10	New starting point for the Indian Ocean: Second phase of breakup for Gondwana. Earth-Science Reviews, 2019, 191, 26-56.	9.1	64
11	From Rifting to Spreading: The Proto-Oceanic Crust. Advances in Science, Technology and Innovation, 2019, , 329-331.	0.4	1
12	Passive Margin and Continental Basin: Towards a New Paradigm. Advances in Science, Technology and Innovation, 2019, , 333-336.	0.4	1
13	Imaging exhumed lower continental crust in the distal Jequitinhonha basin, Brazil. Journal of South American Earth Sciences, 2018, 84, 351-372.	1.4	21
14	The late Messinian event: A worldwide tectonic revolution. Terra Nova, 2018, 30, 207-214.	2.1	15
15	Lithospheric structuration onshore-offshore of the Sergipe-Alagoas passive margin, NE Brazil, based on wide-angle seismic data. Journal of South American Earth Sciences, 2018, 88, 649-672.	1.4	14
16	Highâ€resolution evolution of terrigenous sediment yields in the Provence Basin during the last 6ÂMa: relation with climate and tectonics. Basin Research, 2017, 29, 305-339.	2.7	19
17	Monte Carlo approach to assess the uncertainty of wide-angle layered models: Application to the Santos Basin, Brazil. Tectonophysics, 2016, 683, 286-307.	2.2	26
18	Post-rift evolution of the Gulf of Lion margin tested by stratigraphic modelling. Bulletin - Societie Geologique De France, 2015, 186, 291-308.	2.2	8

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19	Deep structure of the Santos Basinâ€SÃ£o Paulo Plateau System, SE Brazil. Journal of Geophysical Research: Solid Earth, 2015, 120, 5401-5431.	3.4	71
20	Deep crustal structure of the North-West African margin from combined wide-angle and reflection seismic data (MIRROR seismic survey). Tectonophysics, 2015, 656, 154-174.	2.2	25
21	Deep crustal structure across a young passive margin from wide-angle and reflection seismic data (The SARDINIA Experiment) â€" II. Sardiniaâ€™s margin. Bulletin - Societie Geologique De France, 2015, 186, 331-351.	2.2	31
22	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. Bulletin - Societie Geologique De France, 2015, 186, 309-330.	2.2	39
23	Sedimentary markers in the ProvenÃ§al Basin (western Mediterranean): a window into deep geodynamic processes. Terra Nova, 2015, 27, 122-129.	2.1	17
24	Imaging proto-oceanic crust off the Brazilian Continental Margin. Geophysical Journal International, 2014, 200, 471-488.	2.4	40
25	Quantifying subsidence and isostatic readjustment using sedimentary paleomarkers, example from the Gulf of Lion. Earth and Planetary Science Letters, 2014, 388, 353-366.	4.4	42
26	Palaeogeographic consequences of conservational models in the South Atlantic Ocean. Geological Society Special Publication, 2013, 369, 75-90.	1.3	27
27	Kinematic keys of the Santosâ€"Namibe basins. Geological Society Special Publication, 2013, 369, 91-107.	1.3	38
28	Paleogeographic evolution of the central segment of the South Atlantic during Early Cretaceous times: Paleotopographic and geodynamic implications. Tectonophysics, 2013, 604, 191-223.	2.2	108
29	Structure and evolution of the Gulf of Lions: The Sardinia seismic experiment and the GOLD (Gulf of) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	12
30	The Cenozoic tectonostratigraphic evolution of the Barracuda Ridge and Tiburon Rise, at the western end of the North Americaâ€"South America plate boundary zone. Marine Geology, 2012, 303-306, 154-171.	2.1	24
31	A new starting point for the South and Equatorial Atlantic Ocean. Earth-Science Reviews, 2010, 98, 1-37.	9.1	415
32	Comment on â€˜A new scheme for the opening of the South Atlantic Ocean and the dissection of an Aptian salt basinâ€™ by Trond H. Torsvik, Sonia Rousse, Cinthia Labails and Mark A. Smethurst. Geophysical Journal International, 2010, 183, 20-28.	2.4	22
33	Crustal structure of the SW Moroccan margin from wide-angle and reflection seismic data (the) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	48
34	Brazilian and African passive margins of the Central Segment of the South Atlantic Ocean: Kinematic constraints. Tectonophysics, 2009, 468, 98-112.	2.2	184
35	Response of a multi-domain continental margin to compression: Study from seismic reflectionâ€"refraction and numerical modelling in the Tagus Abyssal Plain. Tectonophysics, 2009, 468, 113-130.	2.2	29
36	Brazilian and Angolan Passive Margins: the kinematic constraints. , 2007, , .		0

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37	Geological constraints on the evolution of the Angolan margin based on reflection and refraction seismic data (ZaÃ¯Ango project). Geophysical Journal International, 2005, 162, 793-810.	2.4	170
38	Deep structure of the West African continental margin (Congo, ZaÃ¯re, Angola), between 5Â°S and 8Â°S, from reflection/refraction seismics and gravity data. Geophysical Journal International, 2004, 158, 529-553.	2.4	162