

Geoffroy Mohn

List of Publications by Year in descending order

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40
papers

1,999
citations

394421

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434195

31
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56
all docs

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docs citations

56
times ranked

1523
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation and deformation of hyperextended rift systems: Insights from rift domain mapping in the Bay of Biscay-Pyrenees. <i>Tectonics</i> , 2014, 33, 1239-1276.	2.8	239
2	Rapid transition from continental breakup to igneous oceanic crust in the South China Sea. <i>Nature Geoscience</i> , 2018, 11, 782-789.	12.9	183
3	Quantification and restoration of extensional deformation along the Western Iberia and Newfoundland rifted margins. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2575-2597.	2.5	174
4	Unravelling the interaction between tectonic and sedimentary processes during lithospheric thinning in the Alpine Tethys margins. <i>International Journal of Earth Sciences</i> , 2010, 99, 75-101.	1.8	142
5	The tectono-sedimentary evolution of a hyper-extended rift basin: the example of the Arzacq rift system (Western Pyrenees, SW France). <i>International Journal of Earth Sciences</i> , 2014, 103, 1569-1596.	1.8	137
6	Recognizing remnants of magma-poor rifted margins in high-pressure orogenic belts: The Alpine case study. <i>Earth-Science Reviews</i> , 2014, 131, 88-115.	9.1	110
7	The Chenaillat Ophiolite in the French/Italian Alps: An ancient analogue for an Oceanic Core Complex?. <i>Lithos</i> , 2011, 124, 169-184.	1.4	107
8	The Alpine Tethys rifted margins: Reconciling old and new ideas to understand the stratigraphic architecture of magma-poor rifted margins. <i>Sedimentology</i> , 2013, 60, 174-196.	3.1	104
9	The Tell-Rif orogenic system (Morocco, Algeria, Tunisia) and the structural heritage of the southern Tethys margin. <i>Bulletin - Societie Geologique De France</i> , 2018, 189, 10.	2.2	89
10	The tectono-sedimentary evolution of a supra-detachment rift basin at a deep-water magma-poor rifted margin: the example of the Samedan Basin preserved in the Err nappe in SE Switzerland. <i>Basin Research</i> , 2011, 23, 652-677.	2.7	83
11	Rift-related inheritance in orogens: a case study from the Austroalpine nappes in Central Alps (SE-Switzerland and N-Italy). <i>International Journal of Earth Sciences</i> , 2011, 100, 937-961.	1.8	76
12	Lateral evolution of the rift-to-drift transition in the South China Sea: Evidence from multi-channel seismic data and IODP Expeditions 367&368 drilling results. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115932.	4.4	72
13	The role of rift-inherited hyper-extension in Alpine-type orogens. <i>Terra Nova</i> , 2014, 26, 347-353.	2.1	69
14	Extreme Mesozoic Crustal Thinning in the Eastern Iberia Margin: The Example of the Columbrets Basin (Valencia Trough). <i>Tectonics</i> , 2018, 37, 636-662.	2.8	44
15	Thinning mechanisms of heterogeneous continental lithosphere. <i>Earth and Planetary Science Letters</i> , 2019, 512, 147-162.	4.4	44
16	Structural and stratigraphic evolution of the Iberia-Newfoundland hyper-extended rifted margin: a quantitative modelling approach. <i>Geological Society Special Publication</i> , 2015, 413, 53-89.	1.3	42
17	Extensional vs contractional Cenozoic deformation in Ibiza (Balearic Promontory, Spain): Integration in the West Mediterranean back-arc setting. <i>Tectonophysics</i> , 2016, 682, 35-55.	2.2	35
18	The Mesozoic Margin of the Maghrebian Tethys in the Rif Belt (Morocco): Evidence for Polyphase Rifting and Related Magmatic Activity. <i>Tectonics</i> , 2019, 38, 2894-2918.	2.8	30

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19	Mechanism and timing of tectonic inversion in Cyrenaica (Libya): Integration in the geodynamics of the East Mediterranean. <i>Tectonophysics</i> , 2013, 608, 319-329.	2.2	22
20	Geology of the Central Sivas Basin (Turkey). <i>Journal of Maps</i> , 2019, 15, 406-417.	2.0	22
21	The structure of the Central-Eastern External Rif (Morocco); Poly-phased deformation and role of the under-thrusting of the North-West African paleo-margin. <i>Earth-Science Reviews</i> , 2020, 205, 103198.	9.1	19
22	Expedition 367/368 methods. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	18
23	Constraining lithosphere deformation modes during continental breakup for the Iberia- Newfoundland conjugate rifted margins. <i>Tectonophysics</i> , 2016, 680, 28-49.	2.2	17
24	Structure and kinematics of the Central Sivas Basin (Turkey): salt deposition and tectonics in an evolving fold-and-thrust belt. <i>Geological Society Special Publication</i> , 2020, 490, 361-396.	1.3	13
25	Formation of the Alpine Orogen by Amagmatic Convergence and Assembly of Previously Rifted Lithosphere. <i>Elements</i> , 2021, 17, 29-34.	0.5	13
26	The Pre-Obduction to Post-Obduction Evolution of the Sivas Ophiolite (Turkey) and Implications for the Precollisional History of Eastern Anatolia. <i>Tectonics</i> , 2019, 38, 2114-2141.	2.8	11
27	Expedition 367/368 summary. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	11
28	Geochemistry and Petrogenesis of Lower Jurassic Mafic Rock Suites in the External Rif Belt, and Chemical Geodynamics of the Central Atlantic Magmatic Province (CAMP) in Northwest Morocco. <i>Journal of Geology</i> , 2021, 129, 563-593.	1.4	10
29	Site U1500. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	10
30	Crustal architecture and evolution of the southwestern South China Sea: Implications to continental breakup. <i>Marine and Petroleum Geology</i> , 2022, 136, 105450.	3.3	8
31	Site U1501. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	7
32	Mechanical anisotropies and mechanisms of mafic magma ascent in the middle continental crust: The Sondalo magmatic system (N Italy). <i>Bulletin of the Geological Society of America</i> , 2018, 130, 331-352.	3.3	6
33	Validating Structural Styles in the Flysch Basin Northern Rif (Morocco) by Means of Thermal Modeling. <i>Geosciences (Switzerland)</i> , 2020, 10, 325.	2.2	6
34	Site U1499. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	6
35	Site U1502. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	5
36	Reply to comment by Michard et al. on "The Mesozoic Margin of the Maghrebian Tethys in the Rif Belt (Morocco): Evidence for Polyphase Rifting and Related Magmatic Activity". <i>Tectonics</i> , 2020, 39, e2020TC006165.	2.8	4

#	ARTICLE	IF	CITATIONS
37	Site U1504. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	4
38	Site U1503. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	3
39	Evidence for rapid large-amplitude vertical motions in the Valencia Trough (Western Mediterranean) generated by 3D subduction slab roll-back. Earth and Planetary Science Letters, 2021, 575, 117179.	4.4	2
40	Site U1505. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	2