Geoffroy Mohn

List of Publications by Year
in descending order

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		394421	434195
40	1,999	19	31
papers	citations	h-index	g-index

56	56	56	1523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crustal architecture and evolution of the southwestern South China Sea: Implications to continental breakup. Marine and Petroleum Geology, 2022, 136, 105450.	3.3	8
2	Formation of the Alpine Orogen by Amagmatic Convergence and Assembly of Previously Rifted Lithosphere. Elements, 2021, 17, 29-34.	0.5	13
3	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. Journal of Geology, 2021, 129, 563-593.	1.4	10
4	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
5	Structure and kinematics of the Central Sivas Basin (Turkey): salt deposition and tectonics in an evolving fold-and-thrust belt. Geological Society Special Publication, 2020, 490, 361-396.	1.3	13
6	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. Earth and Planetary Science Letters, 2020, 531, 115932.	4.4	72
7	Validating Structural Styles in the Flysch Basin Northern Rif (Morocco) by Means of Thermal Modeling. Geosciences (Switzerland), 2020, 10, 325.	2.2	6
8	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. Earth-Science Reviews, 2020, 205, 103198.	9.1	19
9	Reply to comment by Michard et al. on â€œThe Mesozoic Margin of the Maghrebian Tethys in the Rif Belt (Morocco): Evidence for Polyphase Rifting and Related Magmatic Activityâ€• Tectonics, 2020, 39, e2020TC006165.	2.8	4
10	The Mesozoic Margin of the Maghrebian Tethys in the Rif Belt (Morocco): Evidence for Polyphase Rifting and Related Magmatic Activity. Tectonics, 2019, 38, 2894-2918.	2.8	30
11	The Preâ€Obduction to Postâ€Obduction Evolution of the Sivas Ophiolite (Turkey) and Implications for the Precollisional History of Eastern Anatolia. Tectonics, 2019, 38, 2114-2141.	2.8	11
12	Thinning mechanisms of heterogeneous continental lithosphere. Earth and Planetary Science Letters, 2019, 512, 147-162.	4.4	44
13	Geology of the Central Sivas Basin (Turkey). Journal of Maps, 2019, 15, 406-417.	2.0	22
14	Mechanical anisotropies and mechanisms of mafic magma ascent in the middle continental crust: The Sondalo magmatic system (N Italy). Bulletin of the Geological Society of America, 2018, 130, 331-352.	3.3	6
15	The Tell-Rif orogenic system (Morocco, Algeria, Tunisia) and the structural heritage of the southern Tethys margin. Bulletin - Societie Geologique De France, 2018, 189, 10.	2.2	89
16	Extreme Mesozoic Crustal Thinning in the Eastern Iberia Margin: The Example of the Columbrets Basin (Valencia Trough). Tectonics, 2018, 37, 636-662.	2.8	44
17	Rapid transition from continental breakup to igneous oceanic crust in the South China Sea. Nature Geoscience, 2018, 11, 782-789.	12.9	183
18	Constraining lithosphere deformation modes during continental breakup for the Iberiaâ€“Newfoundland conjugate rifted margins. Tectonophysics, 2016, 680, 28-49.	2.2	17

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19	Extensional vs contractional Cenozoic deformation in Ibiza (Balearic Promontory, Spain): Integration in the West Mediterranean back-arc setting. Tectonophysics, 2016, 682, 35-55.	2.2	35
20	Structural and stratigraphic evolution of the Iberiaâ€“Newfoundland hyper-extended rifted margin: a quantitative modelling approach. Geological Society Special Publication, 2015, 413, 53-89.	1.3	42
21	Formation and deformation of hyperextended rift systems: Insights from rift domain mapping in the Bay of Biscay-Pyrenees. Tectonics, 2014, 33, 1239-1276.	2.8	239
22	The role of riftâ€inherited hyperâ€extension in Alpineâ€type orogens. Terra Nova, 2014, 26, 347-353.	2.1	69
23	Recognizing remnants of magma-poor rifted margins in high-pressure orogenic belts: The Alpine case study. Earth-Science Reviews, 2014, 131, 88-115.	9.1	110
24	The tectono-sedimentary evolution of a hyper-extended rift basin: the example of the Arzacqâ€“MaulÃ©on rift system (Western Pyrenees, SW France). International Journal of Earth Sciences, 2014, 103, 1569-1596.	1.8	137
25	Mechanism and timing of tectonic inversion in Cyrenaica (Libya): Integration in the geodynamics of the East Mediterranean. Tectonophysics, 2013, 608, 319-329.	2.2	22
26	The Alpine Tethys rifted margins: Reconciling old and new ideas to understand the stratigraphic architecture of magmaâ€poor rifted margins. Sedimentology, 2013, 60, 174-196.	3.1	104
27	Quantification and restoration of extensional deformation along the Western Iberia and Newfoundland rifted margins. Geochemistry, Geophysics, Geosystems, 2013, 14, 2575-2597.	2.5	174
28	The tectonoâ€sedimentary evolution of a supraâ€detachment rift basin at a deepâ€water magmaâ€poor rifted margin: the example of the Samedan Basin preserved in the Err nappe in SE Switzerland. Basin Research, 2011, 23, 652-677.	2.7	83
29	The Chenaillet Ophiolite in the French/Italian Alps: An ancient analogue for an Oceanic Core Complex?. Lithos, 2011, 124, 169-184.	1.4	107
30	Rift-related inheritance in orogens: a case study from the Austroalpine nappes in Central Alps (SE-Switzerland and N-Italy). International Journal of Earth Sciences, 2011, 100, 937-961.	1.8	76
31	Unravelling the interaction between tectonic and sedimentary processes during lithospheric thinning in the Alpine Tethys margins. International Journal of Earth Sciences, 2010, 99, 75-101.	1.8	142
32	Expedition 367/368 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	11
33	Expedition 367/368 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	18
34	Site U1499. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	6
35	Site U1500. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	10
36	Site U1501. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	7

#	Article	IF	Citations
37	Site U1502. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	5
38	Site U1504. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	4
39	Site U1505. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	2
40	Site U1503. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	3