Julia Autin

List of Publications by Year
in descending order

24 papers	1,169 citations	394421 19 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	889 citing authors

#	Article	IF	Citations
1	From rifting to oceanic spreading in the Gulf of Aden: a synthesis. Arabian Journal of Geosciences, 2012, 5, 859-901.	1.3	124
2	The role of structural inheritance in oblique rifting: Insights from analogue models and application to the Gulf of Aden. Tectonophysics, 2013, 607, 51-64.	2.2	99
3	Tectonomagmatic evolution of the final stages of rifting along the deep conjugate Australian-Antarctic magma-poor rifted margins: Constraints from seismic observations. Tectonics, 2015, 34, 753-783.	2.8	95
4	Continental break-up history of a deep magma-poor margin based on seismic reflection data (northeastern Gulf of Aden margin, offshore Oman). Geophysical Journal International, 2010, 180, 501-519.	2.4	90
5	Contrasted styles of rifting in the eastern Gulf of Aden: A combined wideâ€angle, multichannel seismic, and heat flow survey. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	75
6	Recent off-axis volcanism in the eastern Gulf of Aden: Implications for plumeâ€"ridge interaction. Earth and Planetary Science Letters, 2010, 293, 140-153.	4.4	72
7	Pre-existing oblique transfer zones and transfer/transform relationships in continental margins: New insights from the southeastern Gulf of Aden, Socotra Island, Yemen. Tectonophysics, 2013, 607, 32-50.	2.2	65
8	The rift to break-up evolution of the Gulf of Aden: Insights from 3D numerical lithospheric-scale modelling. Tectonophysics, 2013, 607, 65-79.	2.2	62
9	Analog models of oblique rifting in a cold lithosphere. Tectonics, 2010, 29, n/a-n/a.	2.8	54
10	Postâ€rift volcanism and high heatâ€flow at the oceanâ€continent transition of the eastern Gulf of Aden. Terra Nova, 2009, 21, 285-292.	2.1	47
11	Volcanism, jump and propagation on the Sheba ridge, eastern Gulf of Aden: segmentation evolution and implications for oceanic accretion processes. Geophysical Journal International, 2010, 180, 535-551.	2.4	47
12	Fault systems at hyper-extended rifted margins and embryonic oceanic crust: Structural style, evolution and relation to magma. Marine and Petroleum Geology, 2016, 76, 51-67.	3.3	43
13	Reappraisal of the magma-rich versus magma-poor rifted margin archetypes. Geological Society Special Publication, 2020, 476, 23-47.	1.3	42
14	How can asymmetric detachment faults generate symmetric Ocean Continent Transitions?. Terra Nova, 2016, 28, 27-34.	2.1	36
15	The effect of thermal weakening and buoyancy forces on rift localization: Field evidences from the Gulf of Aden oblique rifting. Tectonophysics, 2013, 607, 80-97.	2.2	34
16	The role of serpentinization and magmatism in the formation of decoupling interfaces at magma-poor rifted margins. Earth-Science Reviews, 2019, 196, 102882.	9.1	34
17	Colorado Basin 3D structure and evolution, Argentine passive margin. Tectonophysics, 2013, 604, 264-279.	2.2	33
18	Tectonic evolution of the Colorado Basin, offshore Argentina, inferred from seismo-stratigraphy and depositional rates analysis. Tectonophysics, 2013, 604, 245-263.	2.2	31

#	Article	IF	Citations
19	Geophysical fingerprints of hyper-extended, exhumed and embryonic oceanic domains: the example from the Iberiaâ€"Newfoundland rifted margins. Marine Geophysical Researches, 2016, 37, 185-205.	1.2	20
20	Deep structure of the Argentine margin inferred from 3D gravity and temperature modelling, Colorado Basin. Tectonophysics, 2016, 676, 198-210.	2.2	17
21	From rifting to oceanic spreading in the Gulf of Aden: A synthesis. Frontiers in Earth Sciences, 2013, , 385-427.	0.1	15
22	Oceanic basement roughness alongside magma-poor rifted margins: insight into initial seafloor spreading. Geophysical Journal International, 2018, 212, 900-915.	2.4	12
23	Geochemical characteristics of basalts related to incipient oceanization: The example from the Alpineâ€Tethys OCTs. Terra Nova, 2020, 32, 75-88.	2.1	12
24	Sub-axial deformation in oceanic lower crust: Insights from seismic reflection profiles in the Enderby Basin and comparison with the Oman ophiolite. Earth and Planetary Science Letters, 2021, 554, 116698.	4.4	10