

Louise Watremez

List of Publications by Year in descending order

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papers

874
citations

471509
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35
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679
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term and long-distance deformation in submarine volcanoclastic sediments: Coupling of hydrogeology and debris avalanche emplacement off W Martinique Island. <i>Basin Research</i> , 2021, 33, 2179-2201.	2.7	3
2	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
3	Seismic Velocity Structure Along and Across the Ultraslow-spreading Southwest Indian Ridge at 64°30'E Showcases Flipping Detachment Faults. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022177.	3.4	9
4	The Limpopo Magma-Rich Transform Margin, South Mozambique – 2: Implications for the Gondwana Breakup. <i>Tectonics</i> , 2021, 40, e2021TC006914.	2.8	9
5	The Limpopo Magma-Rich Transform Margin, South Mozambique: 1. Insights From Deep-Structure Seismic Imaging. <i>Tectonics</i> , 2021, 40, e2021TC006915.	2.8	10
6	Décollements, Detachments, and Rafts in the Extended Crust of Dangerous Ground, South China Sea: The Role of Inherited Contacts. <i>Tectonics</i> , 2019, 38, 1863-1883.	2.8	28
7	Deep structure of the Porcupine Basin from wide-angle seismic data. <i>Petroleum Geology Conference Proceedings</i> , 2018, 8, 199-209.	0.7	19
8	From Continental Hyperextension to Seafloor Spreading: New Insights on the Porcupine Basin From Wide-Angle Seismic Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8312-8330.	3.4	16
9	Continental break-up of the South China Sea stalled by far-field compression. <i>Nature Geoscience</i> , 2018, 11, 605-609.	12.9	52
10	From orogenic collapse to rifting: A case study of the northern Porcupine Basin, offshore Ireland. <i>Journal of Structural Geology</i> , 2018, 114, 139-162.	2.3	16
11	A genetic link between transform and hyper-extended margins. <i>Earth and Planetary Science Letters</i> , 2017, 465, 184-192.	4.4	43
12	Crustal strain-dependent serpentinisation in the Porcupine Basin, offshore Ireland. <i>Earth and Planetary Science Letters</i> , 2017, 474, 148-159.	4.4	32
13	Quasi-3D Seismic Reflection Imaging and Wide-Angle Velocity Structure of Nearly Amagmatic Oceanic Lithosphere at the Ultraslow-spreading Southwest Indian Ridge. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9511-9533.	3.4	23
14	The oceanic crustal structure at the extinct, slow to ultraslow Labrador Sea spreading center. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 5249-5272.	3.4	33
15	Traveltime tomography of a dense wide-angle profile across Orphan Basin. <i>Geophysics</i> , 2015, 80, B69-B82.	2.6	24
16	Structure of thinned continental crust across the Orphan Basin from a dense wide-angle seismic profile and gravity data. <i>Geophysical Journal International</i> , 2015, 202, 1969-1992.	2.4	19
17	Deep crustal structure of the conjugate margins of the SW South China Sea from wide-angle refraction seismic data. <i>Marine and Petroleum Geology</i> , 2014, 58, 627-643.	3.3	105
18	Buoyancy and localizing properties of continental mantle lithosphere: Insights from thermomechanical models of the eastern Gulf of Aden. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2800-2817.	2.5	30

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19	From rifting to oceanic spreading in the Gulf of Aden: A synthesis. <i>Frontiers in Earth Sciences</i> , 2013, , 385-427.	0.1	15
20	From rifting to oceanic spreading in the Gulf of Aden: a synthesis. <i>Arabian Journal of Geosciences</i> , 2012, 5, 859-901.	1.3	124
21	The crustal structure of the north-eastern Gulf of Aden continental margin: insights from wide-angle seismic data. <i>Geophysical Journal International</i> , 2011, 184, 575-594.	2.4	42
22	Contrasted styles of rifting in the eastern Gulf of Aden: A combined wide-angle, multichannel seismic, and heat flow survey. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	75
23	Heat-flow and hydrothermal circulation at the ocean-continent transition of the eastern gulf of Aden. <i>Earth and Planetary Science Letters</i> , 2010, 295, 554-570.	4.4	31
24	Post-rift volcanism and high heat-flow at the ocean-continent transition of the eastern Gulf of Aden. <i>Terra Nova</i> , 2009, 21, 285-292.	2.1	47
25	Persistent thermal activity at the Eastern Gulf of Aden after continental break-up. <i>Nature Geoscience</i> , 2008, 1, 854-858.	12.9	57