

# Louise Watremez

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

874  
citations

471371

17  
h-index

580701

25  
g-index

35  
all docs

35  
docs citations

35  
times ranked

679  
citing authors

#	ARTICLE	IF	CITATIONS
1	From rifting to oceanic spreading in the Gulf of Aden: a synthesis. <i>Arabian Journal of Geosciences</i> , 2012, 5, 859-901.	0.6	124
2	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.	1.5	105
3	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, .	1.0	75
4	Persistent thermal activity at the Eastern Gulf of Aden after continental break-up. <i>Nature Geoscience</i> , 2008, 1, 854-858.	5.4	57
5	Continental break-up of the South China Sea stalled by far-field compression. <i>Nature Geoscience</i> , 2018, 11, 605-609.	5.4	52
6	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.	0.9	47
7	A genetic link between transform and hyper-extended margins. <i>Earth and Planetary Science Letters</i> , 2017, 465, 184-192.	1.8	43
8	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.	1.0	42
9	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.	1.4	33
10	Crustal strain-dependent serpentinisation in the Porcupine Basin, offshore Ireland. <i>Earth and Planetary Science Letters</i> , 2017, 474, 148-159.	1.8	32
11	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.	1.8	31
12	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.	1.0	30
13	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.	1.3	28
14	Traveltime tomography of a dense wide-angle profile across Orphan Basin. <i>Geophysics</i> , 2015, 80, B69-B82.	1.4	24
15	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.	1.4	23
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.	1.0	19
17	Deep structure of the Porcupine Basin from wide-angle seismic data. <i>Petroleum Geology Conference Proceedings</i> , 2018, 8, 199-209.	0.7	19
18	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.	1.4	16

#	ARTICLE	IF	CITATIONS
19	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.	1.0	16
20	From rifting to oceanic spreading in the Gulf of Aden: A synthesis. <i>Frontiers in Earth Sciences</i> , 2013, , 385-427.	0.1	15
21	The Limpopo Magma-Rich Transform Margin, South Mozambique: 1. Insights From Deep-Structure Seismic Imaging. <i>Tectonics</i> , 2021, 40, e2021TC006915.	1.3	10
22	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.	1.2	9
23	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.	1.4	9
24	The Limpopo Magma-Rich Transform Margin, South Mozambique " 2: Implications for the Gondwana Breakup. <i>Tectonics</i> , 2021, 40, e2021TC006914.	1.3	9
25	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.	1.3	3