

James Chalmers

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,454
citations

430874

18
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

912
citing authors

#	ARTICLE	IF	CITATIONS
1	Neogene uplift and tectonics around the North Atlantic: overview. <i>Global and Planetary Change</i> , 2000, 24, 165-173.	3.5	217
2	Elevated, passive continental margins: Long-term highs or Neogene uplifts? New evidence from West Greenland. <i>Earth and Planetary Science Letters</i> , 2006, 248, 330-339.	4.4	156
3	Labrador Sea: the extent of continental and oceanic crust and the timing of the onset of seafloor spreading. <i>Marine and Petroleum Geology</i> , 1995, 12, 205-217.	3.3	133
4	A new model for the Paleogene motion of Greenland relative to North America: Plate reconstructions of the Davis Strait and Nares Strait regions between Canada and Greenland. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	128
5	Elevated, passive continental margins: Not rift shoulders, but expressions of episodic, post-rift burial and exhumation. <i>Global and Planetary Change</i> , 2012, 90-91, 73-86.	3.5	121
6	Separation of Palaeogene and Neogene uplift on Nuussuaq, West Greenland. <i>Journal of the Geological Society</i> , 2005, 162, 299-314.	2.1	75
7	New evidence on the structure of the Labrador Sea/Greenland continental margin. <i>Journal of the Geological Society</i> , 1991, 148, 899-908.	2.1	70
8	Formation, uplift and dissection of planation surfaces at passive continental margins – a new approach. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 683-699.	2.5	60
9	Early opening history of the North Atlantic ? I. Structure and origin of the Faeroe?Shetland Escarpment. <i>Geophysical Journal International</i> , 1983, 72, 373-398.	2.4	58
10	Cenozoic uplift of Nuussuaq and Disko, West Greenland – elevated erosion surfaces as uplift markers of a passive margin. <i>Geomorphology</i> , 2006, 80, 325-337.	2.6	58
11	From volcanic plains to glaciated peaks: Burial, uplift and exhumation history of southern East Greenland after opening of the NE Atlantic. <i>Global and Planetary Change</i> , 2014, 116, 91-114.	3.5	58
12	Post-breakup burial and exhumation of passive continental margins: Seven propositions to inform geodynamic models. <i>Gondwana Research</i> , 2018, 53, 58-81.	6.0	57
13	The southern West Greenland continental margin: rifting history, basin development, and petroleum potential. <i>Petroleum Geology Conference Proceedings</i> , 1993, 4, 915-931.	0.7	54
14	Widespread Palaeocene volcanism around the northern North Atlantic and Labrador Sea: evidence for a large, hot, early plume head. <i>Journal of the Geological Society</i> , 1995, 152, 965-969.	2.1	50
15	The Scandinavian mountains have not persisted since the Caledonian orogeny. A comment on Nielsen et al. (2009a). <i>Journal of Geodynamics</i> , 2010, 50, 94-101.	1.6	40
16	Episodic uplift and exhumation along North Atlantic passive margins: implications for hydrocarbon prospectivity. <i>Petroleum Geology Conference Proceedings</i> , 2010, 7, 979-1004.	0.7	32
17	Mountains of southernmost Norway: uplifted Miocene peneplains and re-exposed Mesozoic surfaces. <i>Journal of the Geological Society</i> , 2018, 175, 721-741.	2.1	32
18	Thermochronology, erosion surfaces and missing section in West Greenland. <i>Journal of the Geological Society</i> , 2011, 168, 817-830.	2.1	19

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19	The mountains of North-East Greenland are not remnants of the Caledonian topography. A comment on Pedersen et al. (2012): Tectonophysics vol. 530-531, p. 318-330. Tectonophysics, 2013, 589, 234-238.	2.2	15
20	Thermo-tectonic development of the Wandel Sea Basin, North Greenland. Geological Survey of Denmark and Greenland Bulletin, 2021, 45, .	2.0	7
21	Labrador Sea, Davis Strait, and Baffin Bay. , 2012, , 384-435.		5
22	Comments on "New insight into the structure of the Nuussuaq Basin, central West Greenland" from Chalmers, Pulvertaft, Marcussen and Pedersen (Marine and Petroleum Geology, 1999, 16, 197-234). Marine and Petroleum Geology, 2001, 18, 947-952.	3.3	3
23	Reply to: "The mountains of North-East Greenland are not remnants of the Caledonian topography. A comment on Pedersen et al. (2012)" Tectonophysics, 2013, 589, 239-244.	2.2	3
24	Comment on "A new model for the Paleogene motion of Greenland relative to North America: Plate reconstructions of the Davis Strait and Nares Strait regions between Canada and Greenland" by G. N. Oakey and J. A. Chalmers. Journal of Geophysical Research: Solid Earth, 2014, 119, 360-363.	3.4	2
25	Reply to comment by Denyszyn and Halls (this volume) on "Geological and geophysical observations in the Kane Basin preclude the presence of a major plate boundary in southwestern Nares Strait" Journal of Geophysical Research: Solid Earth, 2014, 119, 2539-2542.	3.4	1