

Hopper, John R

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

2,314
citations

27
h-index

47
g-index

64
ext. papers

2,598
ext. citations

3.5
avg, IF

4.54
L-index

#	Paper	IF	Citations
61	Greenland Geothermal Heat Flow Database and Map (Version 1). <i>Earth System Science Data</i> , 2022 , 14, 2209-2238	10.5	1
60	Episodic burial and exhumation in North-East Greenland before and after opening of the North-East Atlantic. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 2021 , 45,		2
59	Paleocene-Eocene volcanic segmentation of the Norwegian-Greenland seaway reorganized high-latitude ocean circulation. <i>Communications Earth & Environment</i> , 2021 , 2,	6.1	3
58	Three-phased latest Jurassic-Eocene rifting and mild mid-Cenozoic compression offshore NE Greenland. <i>Tectonophysics</i> , 2021 , 815, 228990	3.1	2
57	Tectonostratigraphy and evolution of the West Greenland continental margin. <i>Bulletin of the Geological Society of Denmark</i> , 2020 , 67, 1-21	1	6
56	Hydrate occurrence in Europe: A review of available evidence. <i>Marine and Petroleum Geology</i> , 2020 , 111, 735-764	4.7	37
55	Rifted Margins: State of the Art and Future Challenges. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	33
54	The Jan Mayen microcontinent's Cenozoic stratigraphic succession and structural evolution within the NE-Atlantic. <i>Marine and Petroleum Geology</i> , 2019 , 103, 702-737	4.7	7
53	Eleven phases of Greenland Ice Sheet shelf-edge advance over the past 2.7 million years. <i>Nature Geoscience</i> , 2019 , 12, 361-368	18.3	24
52	GlobSed: Updated Total Sediment Thickness in the World's Oceans. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 1756-1772	3.6	90
51	Samples from the Lomonosov Ridge place new constraints on the geological evolution of the Arctic Ocean. <i>Geological Society Special Publication</i> , 2018 , 460, 397-418	1.7	17
50	Depositional Evolution of the Western Amundsen Basin, Arctic Ocean: Paleoceanographic and Tectonic Implications. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 1357-1382	3.3	3
49	Seismic volcanostratigraphy of the NE Greenland continental margin. <i>Geological Society Special Publication</i> , 2017 , 447, 149-170	1.7	8
48	The Jan Mayen microcontinent: an update of its architecture, structural development and role during the transition from the Bjir Ridge to the mid-oceanic Kolbeinsey Ridge. <i>Geological Society Special Publication</i> , 2017 , 447, 299-337	1.7	27
47	The NE Atlantic region: a reappraisal of crustal structure, tectonostratigraphy and magmatic evolution. An introduction to the NAG-TEC project. <i>Geological Society Special Publication</i> , 2017 , 447, 1-10	1.7	17
46	Controls on the location of compressional deformation on the NW European margin. <i>Geological Society Special Publication</i> , 2017 , 447, 249-278	1.7	11
45	Regional distribution of volcanism within the North Atlantic Igneous Province. <i>Geological Society Special Publication</i> , 2017 , 447, 105-125	1.7	21

44	Mesozoic and older rift basins on the SE Greenland Shelf offshore Ammassalik. <i>Geological Society Special Publication</i> , 2017 , 447, 375-392	1.7	5
43	A contourite drift system on the Baffin Bay West Greenland margin linking Pliocene Arctic warming to poleward ocean circulation. <i>Geology</i> , 2015 , 43, 907-910	5	24
42	Gravity inversion predicts the nature of the Amundsen Basin and its continental borderlands near Greenland. <i>Earth and Planetary Science Letters</i> , 2014 , 408, 132-145	5.3	36
41	New aero-gravity results from the Arctic: Linking the latest Cretaceous-early Cenozoic plate kinematics of the North Atlantic and Arctic Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 4044-4065	3.6	31
40	Basin seismic stratigraphy and aspects of prospectivity in the NE Baffin Bay, Northwest Greenland. <i>Marine and Petroleum Geology</i> , 2013 , 46, 1-18	4.7	29
39	The nature of the acoustic basement on Mendeleev and northwestern Alpha ridges, Arctic Ocean. <i>Tectonophysics</i> , 2012 , 514-517, 123-145	3.1	39
38	Bathymetry, controlled source seismic and gravity observations of the Mendeleev ridge; implications for ridge structure, origin, and regional tectonics. <i>Geophysical Journal International</i> , 2010 , 183, 481-502	2.6	43
37	Hemipelagic deposits on the Mendeleev and northwestern Alpha submarine Ridges in the Arctic Ocean: acoustic stratigraphy, depositional environment and an inter-ridge correlation calibrated by the ACEX results. <i>Marine Geophysical Researches</i> , 2010 , 31, 149-171	2.3	40
36	Lithospheric controls on melt production during continental breakup at slow rates of extension: Application to the North Atlantic. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	15
35	Modelling the composition of melts formed during continental breakup of the Southeast Greenland margin. <i>Earth and Planetary Science Letters</i> , 2008 , 269, 248-258	5.3	13
34	Seismic signal penetration beneath postrift sills on the Newfoundland rifted margin. <i>Geophysics</i> , 2008 , 73, B99-B107	3.1	9
33	Structure of the Flemish Cap margin, Newfoundland: insights into mantle and crustal processes during continental breakup. <i>Geological Society Special Publication</i> , 2007 , 282, 47-61	1.7	12
32	Evidence for asymmetric nonvolcanic rifting and slow incipient oceanic accretion from seismic reflection data on the Newfoundland margin. <i>Journal of Geophysical Research</i> , 2006 , 111,		36
31	Seismic velocity structure of the rifted margin of the eastern Grand Banks of Newfoundland, Canada. <i>Journal of Geophysical Research</i> , 2006 , 111, n/a-n/a		83
30	Correction to Evidence for asymmetric nonvolcanic rifting and slow incipient oceanic accretion from seismic reflection data on the Newfoundland margin. <i>Journal of Geophysical Research</i> , 2006 , 111, n/a-n/a		2
29	A deep seismic investigation of the Flemish Cap margin: implications for the origin of deep reflectivity and evidence for asymmetric break-up between Newfoundland and Iberia. <i>Geophysical Journal International</i> , 2006 , 164, 501-515	2.6	40
28	Crustal structure across the Grand Banks-Newfoundland Basin Continental Margin - I. Results from a seismic refraction profile. <i>Geophysical Journal International</i> , 2006 , 167, 127-156	2.6	88
27	Crustal structure across the Grand Banks-Newfoundland Basin Continental Margin - II. Results from a seismic reflection profile. <i>Geophysical Journal International</i> , 2006 , 167, 157-170	2.6	43

26	Continental breakup and the onset of ultraslow seafloor spreading off Flemish Cap on the Newfoundland rifted margin. <i>Geology</i> , 2004 , 32, 93	5	112
25	From rift to drift: Mantle melting during continental breakup. <i>Geochemistry, Geophysics, Geosystems</i> , 2004 , 5,	3.6	67
24	Structure of the SE Greenland margin from seismic reflection and refraction data: Implications for nascent spreading center subsidence and asymmetric crustal accretion during North Atlantic opening. <i>Journal of Geophysical Research</i> , 2003 , 108,		129
23	Crustal structure of the ocean-continent transition at Flemish Cap: Seismic refraction results. <i>Journal of Geophysical Research</i> , 2003 , 108,		131
22	Formation of volcanic rifted margins: Are temperature anomalies required?. <i>Geophysical Research Letters</i> , 2002 , 29, 18-1	4.9	27
21	Contrasting rifted margin styles south of Greenland: implications for mantle plume dynamics. <i>Earth and Planetary Science Letters</i> , 2002 , 200, 271-286	5.3	49
20	Mantle thermal structure and active upwelling during continental breakup in the North Atlantic. <i>Earth and Planetary Science Letters</i> , 2001 , 190, 251-266	5.3	195
19	Crustal structure of the southeast Greenland margin from joint refraction and reflection seismic tomography. <i>Journal of Geophysical Research</i> , 2000 , 105, 21591-21614		348
18	Crustal structure at the SE Greenland margin from wide-angle and normal incidence seismic data. <i>Tectonophysics</i> , 1998 , 288, 191-198	3.1	26
17	Styles of extensional decoupling. <i>Geology</i> , 1998 , 26, 699	5	38
16	The effect of lower crustal flow on continental extension and passive margin formation. <i>Journal of Geophysical Research</i> , 1996 , 101, 20175-20194		103
15	The initiation of rifting at constant tectonic force: Role of diffusion creep. <i>Journal of Geophysical Research</i> , 1993 , 98, 16213		41
14	Magmatism and rift margin evolution: Evidence from northwest Australia. <i>Geology</i> , 1992 , 20, 853	5	81
13	Nonlinear seismic trace interpolation. <i>Geophysics</i> , 1992 , 57, 136-145	3.1	11
12	Baffin Bay Composite Tectono-Sedimentary Element. <i>Geological Society Memoir</i> , M57-2016-7	0.4	1
11	Crustal structure along the Leg 152 drilling transect		7
10	New geophysical and geological mapping of the eastern Baffin Bay region, offshore West Greenland. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 35, 83-86		4
9	Seismic investigation of the East Greenland volcanic rifted margin. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 176, 50-54		4

8	Seismic investigations offshore South-East Greenland. <i>Geological Survey of Denmark and Greenland Bulletin</i> ,180, 145-151		6
7	Geohazard detection using 3D seismic data to enhance offshore scientific drilling site selection. <i>Scientific Drilling</i> ,28, 1-27		7
6	COBBOOM: The Continental Breakup and Birth of Oceans Mission. <i>Scientific Drilling</i> ,5, 13-25		17
5	The Franklinian Composite Tectono-Sedimentary Element, North Greenland. <i>Geological Society Memoir</i> ,M57-2020-6	0.4	1
4	The Ammassalik Rifted Margin TSE, southern East and South-East Greenland margin. <i>Geological Society Memoir</i> ,M57-2016-8	0.4	1
3	North-East Greenland Rifted Margin Composite Tectono-Sedimentary Element, Northern Greenland Sea and Fram Strait. <i>Geological Society Memoir</i> ,M57-2017-12	0.4	5
2	The West Greenland Rifted Margin Composite Tectono-Sedimentary Element. <i>Geological Society Memoir</i> ,M57-2016-2	0.4	2
1	Greenland Geothermal Heat Flow Database and Map (Version 1)		2