

# Hopper, John R

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8707449/hopper-john-r-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Crustal structure of the southeast Greenland margin from joint refraction and reflection seismic tomography. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 21591-21614		348
60	Mantle thermal structure and active upwelling during continental breakup in the North Atlantic. <i>Earth and Planetary Science Letters</i> , <b>2001</b> , 190, 251-266	5.3	195
59	Crustal structure of the ocean-continent transition at Flemish Cap: Seismic refraction results. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		131
58	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> , <b>2003</b> , 108,		129
57	Continental breakup and the onset of ultraslow seafloor spreading off Flemish Cap on the Newfoundland rifted margin. <i>Geology</i> , <b>2004</b> , 32, 93	5	112
56	The effect of lower crustal flow on continental extension and passive margin formation. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 20175-20194		103
55	GlobSed: Updated Total Sediment Thickness in the World's Oceans. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 1756-1772	3.6	90
54	Crustal structure across the Grand Banks-Newfoundland Basin Continental Margin - I. Results from a seismic refraction profile. <i>Geophysical Journal International</i> , <b>2006</b> , 167, 127-156	2.6	88
53	Seismic velocity structure of the rifted margin of the eastern Grand Banks of Newfoundland, Canada. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111, n/a-n/a		83
52	Magmatism and rift margin evolution: Evidence from northwest Australia. <i>Geology</i> , <b>1992</b> , 20, 853	5	81
51	From rift to drift: Mantle melting during continental breakup. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2004</b> , 5,	3.6	67
50	Contrasting rifted margin styles south of Greenland: implications for mantle plume dynamics. <i>Earth and Planetary Science Letters</i> , <b>2002</b> , 200, 271-286	5.3	49
49	Bathymetry, controlled source seismic and gravity observations of the Mendeleev ridge; implications for ridge structure, origin, and regional tectonics. <i>Geophysical Journal International</i> , <b>2010</b> , 183, 481-502	2.6	43
48	Crustal structure across the Grand Banks-Newfoundland Basin Continental Margin - II. Results from a seismic reflection profile. <i>Geophysical Journal International</i> , <b>2006</b> , 167, 157-170	2.6	43
47	The initiation of rifting at constant tectonic force: Role of diffusion creep. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 16213		41
46	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> , <b>2010</b> , 31, 149-171	2.3	40
45	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> , <b>2006</b> , 164, 501-515	2.6	40

44	The nature of the acoustic basement on Mendeleev and northwestern Alpha ridges, Arctic Ocean. <i>Tectonophysics</i> , <b>2012</b> , 514-517, 123-145	3.1	39
43	Styles of extensional decoupling. <i>Geology</i> , <b>1998</b> , 26, 699	5	38
42	Hydrate occurrence in Europe: A review of available evidence. <i>Marine and Petroleum Geology</i> , <b>2020</b> , 111, 735-764	4.7	37
41	Gravity inversion predicts the nature of the Amundsen Basin and its continental borderlands near Greenland. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 408, 132-145	5.3	36
40	Evidence for asymmetric nonvolcanic rifting and slow incipient oceanic accretion from seismic reflection data on the Newfoundland margin. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		36
39	Rifted Margins: State of the Art and Future Challenges. <i>Frontiers in Earth Science</i> , <b>2019</b> , 7,	3.5	33
38	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> , <b>2013</b> , 14, 4044-4065	3.6	31
37	Basin seismic stratigraphy and aspects of prospectivity in the NE Baffin Bay, Northwest Greenland. <i>Marine and Petroleum Geology</i> , <b>2013</b> , 46, 1-18	4.7	29
36	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> , <b>2017</b> , 447, 299-337	1.7	27
35	Formation of volcanic rifted margins: Are temperature anomalies required?. <i>Geophysical Research Letters</i> , <b>2002</b> , 29, 18-1	4.9	27
34	Crustal structure at the SE Greenland margin from wide-angle and normal incidence seismic data. <i>Tectonophysics</i> , <b>1998</b> , 288, 191-198	3.1	26
33	Eleven phases of Greenland Ice Sheet shelf-edge advance over the past 2.7 million years. <i>Nature Geoscience</i> , <b>2019</b> , 12, 361-368	18.3	24
32	A contourite drift system on the Baffin Bay West Greenland margin linking Pliocene Arctic warming to poleward ocean circulation. <i>Geology</i> , <b>2015</b> , 43, 907-910	5	24
31	Regional distribution of volcanism within the North Atlantic Igneous Province. <i>Geological Society Special Publication</i> , <b>2017</b> , 447, 105-125	1.7	21
30	Samples from the Lomonosov Ridge place new constraints on the geological evolution of the Arctic Ocean. <i>Geological Society Special Publication</i> , <b>2018</b> , 460, 397-418	1.7	17
29	The NE Atlantic region: a reappraisal of crustal structure, tectonostratigraphy and magmatic evolution In an introduction to the NAG-TEC project. <i>Geological Society Special Publication</i> , <b>2017</b> , 447, 1-10	1.7	17
28	COBBOOM: The Continental Breakup and Birth of Oceans Mission. <i>Scientific Drilling</i> , <b>5</b> , 13-25		17
27	Lithospheric controls on melt production during continental breakup at slow rates of extension: Application to the North Atlantic. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2009</b> , 10, n/a-n/a	3.6	15

26	Modelling the composition of melts formed during continental breakup of the Southeast Greenland margin. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 269, 248-258	5.3	13
25	Structure of the Flemish Cap margin, Newfoundland: insights into mantle and crustal processes during continental breakup. <i>Geological Society Special Publication</i> , <b>2007</b> , 282, 47-61	1.7	12
24	Controls on the location of compressional deformation on the NW European margin. <i>Geological Society Special Publication</i> , <b>2017</b> , 447, 249-278	1.7	11
23	Nonlinear seismic trace interpolation. <i>Geophysics</i> , <b>1992</b> , 57, 136-145	3.1	11
22	Seismic signal penetration beneath postrift sills on the Newfoundland rifted margin. <i>Geophysics</i> , <b>2008</b> , 73, B99-B107	3.1	9
21	Seismic volcanostratigraphy of the NE Greenland continental margin. <i>Geological Society Special Publication</i> , <b>2017</b> , 447, 149-170	1.7	8
20	The Jan Mayen microcontinent's Cenozoic stratigraphic succession and structural evolution within the NE-Atlantic. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 103, 702-737	4.7	7
19	Crustal structure along the Leg 152 drilling transect		7
18	Geohazard detection using 3D seismic data to enhance offshore scientific drilling site selection. <i>Scientific Drilling</i> , <b>28</b> , 1-27		7
17	Seismic investigations offshore South-East Greenland. <i>Geological Survey of Denmark and Greenland Bulletin</i> , <b>180</b> , 145-151		6
16	Tectonostratigraphy and evolution of the West Greenland continental margin. <i>Bulletin of the Geological Society of Denmark</i> , <b>2020</b> , 67, 1-21	1	6
15	Mesozoic and older rift basins on the SE Greenland Shelf offshore Ammassalik. <i>Geological Society Special Publication</i> , <b>2017</b> , 447, 375-392	1.7	5
14	North-East Greenland Rifted Margin Composite Tectono-Sedimentary Element, Northern Greenland Sea and Fram Strait. <i>Geological Society Memoir</i> , <b>M57-2017-12</b>	0.4	5
13	New geophysical and geological mapping of the eastern Baffin Bay region, offshore West Greenland. <i>Geological Survey of Denmark and Greenland Bulletin</i> , <b>35</b> , 83-86		4
12	Seismic investigation of the East Greenland volcanic rifted margin. <i>Geological Survey of Denmark and Greenland Bulletin</i> , <b>176</b> , 50-54		4
11	Depositional Evolution of the Western Amundsen Basin, Arctic Ocean: Paleooceanographic and Tectonic Implications. <i>Paleoceanography and Paleoclimatology</i> , <b>2018</b> , 33, 1357-1382	3.3	3
10	Paleocene-Eocene volcanic segmentation of the Norwegian-Greenland seaway reorganized high-latitude ocean circulation. <i>Communications Earth &amp; Environment</i> , <b>2021</b> , 2,	6.1	3
9	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> , <b>2006</b> , 111, n/a-n/a		2

8	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> , <b>2021</b> , 45,		2
7	Three-phased latest JurassicEocene rifting and mild mid-Cenozoic compression offshore NE Greenland. <i>Tectonophysics</i> , <b>2021</b> , 815, 228990	3.1	2
6	The West Greenland Rifted Margin Composite Tectono-Sedimentary Element. <i>Geological Society Memoir</i> ,M57-2016-2	0.4	2
5	Greenland Geothermal Heat Flow Database and Map (Version 1)		2
4	Baffin Bay Composite Tectono-Sedimentary Element. <i>Geological Society Memoir</i> ,M57-2016-7	0.4	1
3	The Franklinian Composite Tectono-Sedimentary Element, North Greenland. <i>Geological Society Memoir</i> ,M57-2020-6	0.4	1
2	The Ammassalik Rifted Margin TSE, southern East and South-East Greenland margin. <i>Geological Society Memoir</i> ,M57-2016-8	0.4	1
1	Greenland Geothermal Heat Flow Database and Map (Version 1). <i>Earth System Science Data</i> , <b>2022</b> , 14, 2209-2238	10.5	1