

# Stefan Bernstein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7597002/publications.pdf>

Version: 2024-02-01

24  
papers

1,410  
citations

623734

14  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silica enrichment in the continental upper mantle via melt/rock reaction. <i>Earth and Planetary Science Letters</i> , 1998, 164, 387-406.	4.4	476
2	Mantle thermal structure and active upwelling during continental breakup in the North Atlantic. <i>Earth and Planetary Science Letters</i> , 2001, 190, 251-266.	4.4	227
3	Depleted spinel harzburgite xenoliths in Tertiary dykes from East Greenland: Restites from high degree melting. <i>Earth and Planetary Science Letters</i> , 1998, 154, 221-235.	4.4	150
4	Consistent olivine Mg# in cratonic mantle reflects Archean mantle melting to the exhaustion of orthopyroxene. <i>Geology</i> , 2007, 35, 459.	4.4	138
5	Ultra-depleted, shallow cratonic mantle beneath West Greenland: dunitic xenoliths from Ubekendt Ejlend. <i>Contributions To Mineralogy and Petrology</i> , 2006, 152, 335-347.	3.1	76
6	Osmium isotopes in the Wiedemann Fjord mantle xenoliths: A unique record of cratonic mantle formation by melt depletion in the Archaean. <i>Geochemistry, Geophysics, Geosystems</i> , 2001, 2, n/a-n/a.	2.5	46
7	Post-breakup basaltic magmatism along the East Greenland Tertiary rifted margin. <i>Earth and Planetary Science Letters</i> , 1998, 160, 845-862.	4.4	45
8	An ocean-ridge type magma chamber at a passive volcanic, continental margin: the Kap Edvard Holm layered gabbro complex, East Greenland. <i>Geological Magazine</i> , 1992, 129, 437-456.	1.5	37
9	Peridotite enclaves hosted by Mesoarchaean TTG-suite orthogneisses in the Fiskefjord region of southern West Greenland. <i>GeoResJ</i> , 2015, 7, 22-34.	1.4	33
10	Evolution of the Kap Edvard Holm Complex: a Mafic Intrusion at a Rifted Continental Margin. <i>Journal of Petrology</i> , 1996, 37, 497-519.	2.8	26
11	Highly depleted cratonic mantle in West Greenland extending into diamond stability field in the Proterozoic. <i>Lithos</i> , 2013, 168-169, 160-172.	1.4	26
12	Application of CCSEM to heavy mineral deposits: Source of high-Ti ilmenite sand deposits of South Kerala beaches, SW India. <i>Journal of Geochemical Exploration</i> , 2008, 96, 25-42.	3.2	21
13	High-pressure fractionation in rift-related basaltic magmatism: Faeroe plateau basalts. <i>Geology</i> , 1994, 22, 815.	4.4	16
14	Gold and platinum-group element mineralization in the Kruuse Fjord gabbro complex, East Greenland. <i>Economic Geology</i> , 1997, 92, 490-501.	3.8	15
15	Petrology and geochemistry of the Kruuse Fjord Gabbro Complex, East Greenland. <i>Geological Magazine</i> , 1997, 134, 67-89.	1.5	14
16	Assimilation and high-pressure fractional crystallization (AFC) recorded by Paleo-proterozoic mafic dykes, Southeast Greenland. <i>Lithos</i> , 2004, 72, 1-18.	1.4	14
17	Enriched component of the proto-Icelandic mantle plume revealed in alkaline Tertiary lavas from East Greenland. <i>Geology</i> , 2001, 29, 859.	4.4	13
18	In situ fractional crystallization of a mafic pluton: Microanalytical study of a Palaeogene gabbro-norite plug in East Greenland. <i>Lithos</i> , 2006, 92, 222-237.	1.4	12

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19	High-pressure fractionation in rift-related basaltic magmatism: Faeroe plateau basalts. <i>Geology</i> , 1995, 23, 671.	4.4	8
20	Mantle xenoliths from Tertiary lavas and dykes on Ubekendt Ejland, West Greenland. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 180, 152-154.	0.0	7
21	Formation of wehrlites through dehydration of metabasalt xenoliths in layered gabbros of the Noe-Nygaard Intrusion, Southeast Greenland. <i>Geological Magazine</i> , 2000, 137, 109-128.	1.5	6
22	Liverpool Land Basement High, Greenland: visualising inputs for fractured crystalline basement reservoir models. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 43, .	2.0	3
23	Comment on "Petrogenesis of an early archaean (3.4 Ga) norite dyke, Isua, West Greenland: evidence for early Archaean crustal recycling". <i>Precambrian Research</i> , 2004, 128, 189-193.	2.7	1
24	A tribute to Charles Kent Brooks. <i>Lithos</i> , 2006, 92, vii-xi.	1.4	0