

Bernard Bingen

List of Publications by Year in descending order

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79
papers

5,267
citations

70961

41
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82410

72
g-index

85
all docs

85
docs citations

85
times ranked

3279
citing authors

#	ARTICLE	IF	CITATIONS
1	Orogen styles in the East African Orogen: A review of the Neoproterozoic to Cambrian tectonic evolution. <i>Journal of African Earth Sciences</i> , 2013, 86, 65-106.	0.9	561
2	The East European Craton (Baltica) before and during the assembly of Rodinia. <i>Precambrian Research</i> , 2008, 160, 23-45.	1.2	348
3	Paleomagnetism and geochronology of the Malani Igneous Suite, Northwest India: Implications for the configuration of Rodinia and the assembly of Gondwana. <i>Precambrian Research</i> , 2009, 170, 13-26.	1.2	200
4	Redistribution of rare earth elements, thorium, and uranium over accessory minerals in the course of amphibolite to granulite facies metamorphism: The role of apatite and monazite in orthogneisses from southwestern Norway. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 1341-1354.	1.6	197
5	Ilmenite as a Source for Zirconium during High-grade Metamorphism? Textural Evidence from the Caledonides of Western Norway and Implications for Zircon Geochronology. <i>Journal of Petrology</i> , 2001, 42, 355-375.	1.1	195
6	U-Pb monazite ages in amphibolite- to granulite-facies orthogneiss reflect hydrous mineral breakdown reactions: Sveconorwegian Province of SW Norway. <i>Contributions To Mineralogy and Petrology</i> , 1998, 132, 336-353.	1.2	176
7	Trace element signature and U-Pb geochronology of eclogite-facies zircon, Bergen Arcs, Caledonides of W Norway. <i>Contributions To Mineralogy and Petrology</i> , 2004, 147, 671-683.	1.2	170
8	Low-temperature alteration of monazite: Fluid mediated coupled dissolution-precipitation, irradiation damage, and disturbance of the U-Pb and Th-Pb chronometers. <i>Chemical Geology</i> , 2012, 330-331, 140-158.	1.4	163
9	Geochronology of the Precambrian crust in the Mozambique belt in NE Mozambique, and implications for Gondwana assembly. <i>Precambrian Research</i> , 2009, 170, 231-255.	1.2	160
10	The 616 Ma Old Egersund Basaltic Dike Swarm, Sw Norway, and Late Neoproterozoic Opening of the Iapetus Ocean. <i>Journal of Geology</i> , 1998, 106, 565-574.	0.7	159
11	The Mesoproterozoic in the Nordic countries. <i>Episodes</i> , 2008, 31, 29-34.	0.8	126
12	Zircon U-Pb geochronology in the Bergen arc eclogites and their Proterozoic protoliths, and implications for the pre-Scandian evolution of the Caledonides in western Norway. <i>Bulletin of the Geological Society of America</i> , 2001, 113, 640.	1.6	124
13	Timing of Late Neoproterozoic glaciation on Baltica constrained by detrital zircon geochronology in the Hedmark Group, south-east Norway. <i>Terra Nova</i> , 2005, 17, 250-258.	0.9	94
14	Correlation of supracrustal sequences and origin of terranes in the Sveconorwegian orogen of SW Scandinavia: SIMS data on zircon in clastic metasediments. <i>Precambrian Research</i> , 2001, 108, 293-318.	1.2	92
15	Molybdenite Re-Os dating of biotite dehydration melting in the Rogaland high-temperature granulites, S Norway. <i>Earth and Planetary Science Letters</i> , 2003, 208, 181-195.	1.8	91
16	Precise eclogitization ages deduced from Rb/Sr mineral systematics: The Maksyutov complex, Southern Urals, Russia. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 1221-1235.	1.6	90
17	Sveconorwegian massif-type anorthosites and related granitoids result from post-collisional melting of a continental arc root. <i>Earth-Science Reviews</i> , 2011, 107, 375-397.	4.0	85
18	Hot acidic Late Permian seas stifled life in record time. <i>Earth and Planetary Science Letters</i> , 2011, 310, 389-400.	1.8	83

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19	Neoproterozoic recycling of the Sveconorwegian orogenic belt: Detrital-zircon data from the Sparagmite basins in the Scandinavian Caledonides. <i>Precambrian Research</i> , 2011, 189, 347-367.	1.2	83
20	Tectonic regimes and terrane boundaries in the high-grade Sveconorwegian belt of SW Norway, inferred from U ²³⁵ -Pb zircon geochronology and geochemical signature of augen gneiss suites. <i>Journal of the Geological Society</i> , 1998, 155, 143-154.	0.9	77
21	Growth and collapse of a deeply eroded orogen: Insights from structural, geophysical, and geochronological constraints on the Pan-African evolution of NE Mozambique. <i>Tectonics</i> , 2008, 27, .	1.3	74
22	The Chemistry of Quartz in Granitic Pegmatites of Southern Norway: Petrogenetic and Economic Implications. <i>Economic Geology</i> , 2015, 110, 1737-1757.	1.8	71
23	Geochronology and palaeomagnetism of the Hunnedalen dykes, SW Norway: implications for the Sveconorwegian apparent polar wander loop. <i>Earth and Planetary Science Letters</i> , 1999, 169, 71-83.	1.8	60
24	Cadmium-isotopic evidence for increasing primary productivity during the Late Permian anoxic event. <i>Earth and Planetary Science Letters</i> , 2015, 410, 84-96.	1.8	60
25	A Permian underplating event in late- to post-orogenic tectonic setting. Evidence from the mafic-ultramafic layered xenoliths from Beaunit (French Massif Central). <i>Chemical Geology</i> , 2003, 199, 293-315.	1.4	59
26	Neoproterozoic palaeogeography in the North Atlantic Region: Inferences from the Akkajaure and Seve Nappes of the Scandinavian Caledonides. <i>Precambrian Research</i> , 2011, 186, 127-146.	1.2	59
27	Re ¹⁸⁷ -Os geochronology of Arctic black shales to evaluate the Anisian-Ladinian boundary and global faunal correlations. <i>Earth and Planetary Science Letters</i> , 2009, 288, 581-587.	1.8	58
28	Relations between 1.19-1.13 Ga continental magmatism, sedimentation and metamorphism, Sveconorwegian province, S Norway. <i>Precambrian Research</i> , 2003, 124, 215-241.	1.2	57
29	Cause of Upper Triassic climate crisis revealed by Re ¹⁸⁷ -Os geochemistry of Boreal black shales. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 395, 222-232.	1.0	57
30	Digestion methods for trace element measurements in shales: Paleoredox proxies examined. <i>Chemical Geology</i> , 2012, 324-325, 132-147.	1.4	56
31	Baltica-Laurentia link during the Mesoproterozoic: 1.27 Ga development of continental basins in the Sveconorwegian Orogen, southern Norway. <i>Canadian Journal of Earth Sciences</i> , 2002, 39, 1425-1440.	0.6	54
32	Molybdenite Re ¹⁸⁷ -Os dating constrains gravitational collapse of the Sveconorwegian orogen, SW Scandinavia. <i>Lithos</i> , 2006, 87, 328-346.	0.6	54
33	Metasomatism of gabbro - mineral replacement and element mobilization during the Sveconorwegian metamorphic event. <i>Journal of Metamorphic Geology</i> , 2011, 29, 399-423.	1.6	54
34	The Mecubãri and Alto Benfica Groups, NE Mozambique: Aids to unravelling ca. 1 and 0.5Ga events in the East African Orogen. <i>Precambrian Research</i> , 2010, 178, 72-90.	1.2	53
35	The Grenvillian-Sveconorwegian orogeny in Fennoscandia: Back-thrusting and extensional shearing along the "Mylonite Zone". <i>Precambrian Research</i> , 2011, 189, 368-388.	1.2	52
36	Mesoproterozoic geology of the Nampula Block, northern Mozambique: Tracing fragments of Mesoproterozoic crust in the heart of Gondwana. <i>Precambrian Research</i> , 2010, 182, 124-148.	1.2	51

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37	Kinematics of the Håybakken detachment zone and the MÅreå€“TrÅndelag Fault Complex, central Norway. <i>Journal of the Geological Society</i> , 2006, 163, 303-318.	0.9	49
38	The Sveconorwegian orogeny. <i>Gondwana Research</i> , 2021, 90, 273-313.	3.0	49
39	THE GEOLOGY AND GEOCHEMISTRY OF THE EAST AFRICAN OROGEN IN NORTHEASTERN MOZAMBIQUE. <i>South African Journal of Geology</i> , 2010, 113, 87-129.	0.6	48
40	Isotope chemostratigraphy of marbles in northeastern Mozambique: Apparent depositional ages and tectonostratigraphic implications. <i>Precambrian Research</i> , 2008, 162, 540-558.	1.2	47
41	Hornblende $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology across terrane boundaries in the Sveconorwegian Province of S. Norway. <i>Precambrian Research</i> , 1998, 90, 159-185.	1.2	42
42	Early Palaeozoic orogenic collapse and voluminous late-tectonic magmatism in Dronning Maud Land and Mozambique: insights into the partially delaminated orogenic root of the East Africanâ€“Antarctic Orogen?. <i>Geological Society Special Publication</i> , 2008, 308, 69-90.	0.8	41
43	Palaeocene faulting in SE Sweden from Uâ€“Pb dating of slickenfibres calcite. <i>Terra Nova</i> , 2017, 29, 321-328.	0.9	41
44	Chemical signals for oxidative weathering predict Reâ€“Os isochroneity in black shales, East Greenland. <i>Chemical Geology</i> , 2012, 324-325, 108-121.	1.4	40
45	Nanoscale evidence for uranium mobility in zircon and the discordance of Uâ€“Pb chronometers. <i>Earth and Planetary Science Letters</i> , 2015, 409, 43-48.	1.8	37
46	P - T evolution and textural evidence for decompression of Panâ€“African high-pressure granulites, Lurio Belt, northeastern Mozambique. <i>Journal of Metamorphic Geology</i> , 2007, 25, 935-952.	1.6	35
47	A geochronological review of magmatism along the external margin of Columbia and in the Grenville-age orogens forming the core of Rodinia. <i>Precambrian Research</i> , 2022, 371, 106463.	1.2	34
48	Mesoproterozoic continental growth: Uâ€“Pbâ€“Hfâ€“O zircon record in the Idefjorden Terrane, Sveconorwegian Orogen. <i>Precambrian Research</i> , 2015, 261, 75-95.	1.2	32
49	Decoding a protracted zircon geochronological record in ultrahigh temperature granulite, and persistence of partial melting in the crust, Rogaland, Norway. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	32
50	The Niassa Gold Belt, northern Mozambique â€“ A segment of a continental-scale Pan-African gold-bearing structure?. <i>Journal of African Earth Sciences</i> , 2009, 53, 45-58.	0.9	31
51	The 1160 Ma Hidderskog meta-charnockite: implications of this A-type pluton for the Sveconorwegian belt in Vest Agder (SW Norway). <i>Lithos</i> , 1995, 36, 51-66.	0.6	30
52	Timing, duration, and causes for Late Jurassicâ€“Early Cretaceous anoxia in the Barents Sea. <i>Earth and Planetary Science Letters</i> , 2017, 461, 151-162.	1.8	30
53	K-Rich Calc-Alkaline Augen Gneisses of Grenvillian Age in SW Norway: Mingling of Mantle-Derived and Crustal Components. <i>Journal of Geology</i> , 1993, 101, 763-778.	0.7	29
54	$^{40}\text{Ar}/^{39}\text{Ar}$ study of plagioclases from the Rogaland anorthosite complex (SW Norway); an attempt to understand argon ages in plutonic plagioclase. <i>Chemical Geology</i> , 2001, 176, 105-135.	1.4	28

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55	1.05–1.01 Ga Sveconorwegian metamorphism and deformation of the supracrustal sequence at SÅ svatn, South Norway: Re-Os dating of Cu-Mo mineral occurrences. Geological Society Special Publication, 2002, 204, 319-335.	0.8	27
56	The early-Sveconorwegian orogeny in southern Norway: Tectonic model involving delamination of the sub-continental lithospheric mantle. Precambrian Research, 2018, 313, 170-204.	1.2	27
57	Tracing the 1271–1246 Ma Central Scandinavian Dolerite Group mafic magmatism in Fennoscandia: U–Pb baddeleyite and Hf isotope data on the MoslÅtt and BÅrgefjell dolerites. Geological Magazine, 2011, 148, 632-643.	0.9	25
58	Sulphate incorporation in monazite lattice and dating the cycle of sulphur in metamorphic belts. Contributions To Mineralogy and Petrology, 2016, 171, 1.	1.2	25
59	Building up the first continents: Mesoarchean to Paleoproterozoic crustal evolution in West Troms, Norway, inferred from granitoid petrology, geochemistry and zircon U-Pb/Lu-Hf isotopes. Precambrian Research, 2019, 321, 303-327.	1.2	25
60	Geochemical signature of the Egersund basaltic dyke swarm, SW Norway, in the context of late-Neoproterozoic opening of the Iapetus Ocean. Norwegian Journal of Geology, 1999, 79, 69-86.	0.3	21
61	Two successive phases of ultrahigh temperature metamorphism in Rogaland, S. Norway: Evidence from Y–in–monazite thermometry. Journal of Metamorphic Geology, 2018, 36, 1009-1037.	1.6	21
62	Geochronology of Paleoproterozoic Augen Gneisses in the Western Gneiss Region, Norway: Evidence for Sveconorwegian Zircon Neocrystallization and Caledonian Zircon Deformation. Journal of Geology, 2013, 121, 105-128.	0.7	20
63	Multiple reactivation and strain localization along a Proterozoic orogen-scale deformation zone: The Kongsberg-Telemark boundary in southern Norway revisited. Precambrian Research, 2015, 265, 78-103.	1.2	20
64	A non-collisional, accretionary Sveconorwegian orogen – Comment. Terra Nova, 2013, 25, 165-168.	0.9	17
65	Localized occurrences of granulite: P–T modeling, U–Pb geochronology and distribution of early-Sveconorwegian high-grade metamorphism in Bamble, South Norway. Lithos, 2016, 240-243, 84-103.	0.6	17
66	Fluid-mediated alteration of (Y,REE,U,Th)–(Nb,Ta,Ti) oxide minerals in granitic pegmatite from the Evje-Iveland district, southern Norway. Mineralogy and Petrology, 2016, 110, 581-599.	0.4	16
67	Aluminous Granulites of the Archean Craton of Kasai (Zaire): Petrology and P-T Conditions. Journal of Petrology, 1988, 29, 899-919.	1.1	15
68	Geochemistry of the Lyngdal hyperites (S.W. Norway): Comparison with the monzonorites associated with the Rogaland anorthosite complex. Lithos, 1990, 24, 237-250.	0.6	14
69	Evolution of feldspars at the amphibolite-granulite-facies transition in augen gneisses (SW Norway): geochemistry and Sr isotopes. Contributions To Mineralogy and Petrology, 1990, 105, 275-288.	1.2	14
70	Kimberlites in a Karoo graben of northern Mozambique: Tectonic setting, mineralogy and Rb-Sr geochronology. South African Journal of Geology, 2007, 110, 111-124.	0.6	10
71	Comment on Bybee et al. (2014): Pyroxene megacrysts in Proterozoic anorthosites: Implications for tectonic setting, magma source and magmatic processes at the Moho. Earth and Planetary Science Letters, 2014, 401, 378-380.	1.8	10
72	Formation and evolution of the HÅgtuva beryllium deposit, Norway. Contributions To Mineralogy and Petrology, 2015, 170, 1.	1.2	10

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73	Trapping of helium in nano-bubbles in euxenite: Positive identification and implications. <i>Earth and Planetary Science Letters</i> , 2016, 448, 133-139.	1.8	10
74	Granulite-facies metamorphism of the Palaeoproterozoic " early Palaeozoic gneiss domains of NE Mozambique, East African Orogen. <i>Geological Magazine</i> , 2017, 154, 491-515.	0.9	10
75	Tracing the Sveconorwegian orogen into the Caledonides of West Norway: Geochronological and isotopic studies on magmatism and migmatization. <i>Precambrian Research</i> , 2021, 362, 106301.	1.2	7
76	Solid solution between potassic-obertiite and potassic-fluoro-magnesio-arfvedsonite in a silica-rich lamproite from northeastern Mozambique. <i>European Journal of Mineralogy</i> , 2008, 20, 1011-1018.	0.4	6
77	U-Pb geochronology of the syn-orogenic Knaben molybdenum deposits, Sveconorwegian Orogen, Norway. <i>Geological Magazine</i> , 2015, 152, 537-556.	0.9	5
78	Geochronology of the Palaeoproterozoic Kautokeino Greenstone Belt, Finnmark, Norway: Tectonic implications in a Fennoscandia context. <i>Norwegian Journal of Geology</i> , 0, , .	0.5	3
79	Sedimentary-volcanic successions of the Alta-Kvammen Tectonic Window in the northern Norwegian Caledonides: Multiple constraints on deposition and correlation with complexes on the Fennoscandian Shield. <i>Norwegian Journal of Geology</i> , 0, , .	0.5	1