

Fraukje M Brouwer

List of Publications by Year in Descending Order

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Version: 2024-04-24

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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.

40
papers

917
citations

18
h-index

30
g-index

40
ext. papers

1,065
ext. citations

3.4
avg, IF

4.11
L-index

#	Paper	IF	Citations
40	Consistent detachment of supracrustal rocks from a fixed subduction depth in the Cyclades. <i>Earth and Planetary Science Letters</i> , 2022 , 584, 117479	5.3	2
39	Geochemical and zircon U-Pb-Hf isotopic study of volcanic rocks from the Yaolinghe Group, South Qinling orogenic belt, China: Constraints on the assembly and breakup of Rodinia. <i>Precambrian Research</i> , 2022 , 371, 106603	3.9	0
38	Northward subduction of the South Qilian ocean: Insights from early Paleozoic magmatism in the South-Central Qilian belts. <i>Geosystems and Geoenvironment</i> , 2021 , 1, 100013		3
37	Structural and tectonothermal evolution of the ultrahigh-temperature Bakhuis Granulite Belt, Guiana Shield, Surinam: Palaeoproterozoic to recent. <i>Geoscience Frontiers</i> , 2021 , 12, 677-692	6	3
36	Meso-Neoproterozoic arc-related sediments of the Xiahe Group in the Qinling block, central China: Implications for the paleogeographic reconstruction of Rodinia. <i>Precambrian Research</i> , 2021 , 361, 106263 ⁹	3.9	2
35	Early Paleozoic arc-accretion in the northern branch of the Proto-Tethys Ocean: New insights from detrital zircon U Pb ages and geochemistry of parashists from the Kuanping Complex, North Qinling Orogenic Belt, China. <i>Lithos</i> , 2021 , 400-401, 106410	2.9	0
34	Hydrothermal alteration at the basalt-hosted Vista Alegre impact structure, Brazil. <i>Meteoritics and Planetary Science</i> , 2021 , 56, 2155-2174	2.8	
33	Early Neoproterozoic magmatism in the Central Qilian block, NW China: Geochronological and petrogenetic constraints for Rodinia assembly. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 2415-2431	3.9	11
32	Geochemical and zircon U-Pb-Hf isotopic study of metasedimentary rocks from the Huangyuan Group of the Central Qilian block (NW China): Implications for paleogeographic reconstruction of Rodinia. <i>Precambrian Research</i> , 2020 , 351, 105947	3.9	7
31	Constraints on retrograde metamorphism of UHP eclogites in North Qinling, Central China, from 40Ar/39Ar dating of amphibole and phengite. <i>Gondwana Research</i> , 2020 , 87, 83-106	5.1	1
30	Regional UHT metamorphism with widespread, primary CO ₂ -rich cordierite in the Bakhuis Granulite Belt, Surinam: A feldspar thermometry study. <i>Precambrian Research</i> , 2020 , 350, 105894	3.9	2
29	Circa 2.5 Ga granitoids in the eastern North China craton: Melting from ca. 2.7 Ga accretionary crust. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 817-834	3.9	3
28	Zircon U-Pb Ages and Geochemistry of Permo-Carboniferous Mafic Intrusions in the Xilinhot Area, Inner Mongolia: Constraints on the Northward Subduction of the Paleo-Asian Ocean. <i>Acta Geologica Sinica</i> , 2019 , 93, 1261-1280	0.7	0
27	Detrital Zircon U-Pb Ages and Geochemistry of the Silurian to Permian Sedimentary Rocks in Central Inner Mongolia, China: Implications for Closure of the Paleo-Asian Ocean. <i>Acta Geologica Sinica</i> , 2019 , 93, 1228-1260	0.7	3
26	Petrology and Metamorphic P-T Paths of Metamorphic Zones in the Huangyuan Group, Central Qilian Block, NW China. <i>Journal of Earth Science (Wuhan, China)</i> , 2019 , 30, 1280-1292	2.2	5
25	Understanding phengite argon closure using single grain fusion age distributions in the Cycladic Blueschist Unit on Syros, Greece. <i>Earth and Planetary Science Letters</i> , 2018 , 484, 192-203	5.3	30
24	Occurrence of Excess 40Ar in Amphibole: Implications of 40Ar/39Ar Dating by Laser Stepwise Heating and in vacuo Crushing. <i>Journal of Earth Science (Wuhan, China)</i> , 2018 , 29, 416-426	2.2	0

23	Metamorphic P-T Path Differences between the Two UHP Terranes of Sulu Orogen, Eastern China: Petrologic Comparison between Eclogites from Donghai and Rongcheng. <i>Journal of Earth Science (Wuhan, China)</i> , 2018 , 29, 1151-1166	2.2	15
22	Tectonic affinity and evolution of the Precambrian Qilian block: Insights from petrology, geochemistry and geochronology of the Hualong Group in the Qilian Orogen, NW China. <i>Precambrian Research</i> , 2018 , 315, 179-200	3.9	32
21	Petrology of Garnet Amphibolites from the Hualong Group: Implications for Metamorphic Evolution of the Qilian Orogen, NW China. <i>Journal of Earth Science (Wuhan, China)</i> , 2018 , 29, 1102-1115	2.2	11
20	Subduction-related metasomatic mantle source in the eastern Central Asian Orogenic Belt: Evidence from amphibolites in the Xilingol Complex, Inner Mongolia, China. <i>Gondwana Research</i> , 2017 , 43, 193-212	5.1	32
19	A Paleozoic fore-arc complex in the eastern Central Asian Orogenic Belt: Petrology, geochemistry and zircon U-Pb-Hf isotopic composition of paragneisses from the Xilingol Complex in Inner Mongolia, China. <i>Gondwana Research</i> , 2017 , 47, 323-341	5.1	21
18	Late Devonian to early Carboniferous arc-related magmatism in the Baolidao arc, Inner Mongolia, China: Significance for southward accretion of the eastern Central Asian orogenic belt. <i>Bulletin of the Geological Society of America</i> , 2017 , 129, 677-697	3.9	34
17	Reworking of atmospheric sulfur in a Paleoproterozoic hydrothermal system at Londozi, Barberton Greenstone Belt, Swaziland. <i>Precambrian Research</i> , 2016 , 280, 195-204	3.9	35
16	Tectonic evolution and paleogeography of the Kizilirmak Block and the Central Anatolian Ophiolites, Turkey. <i>Tectonics</i> , 2016 , 35, 983-1014	4.3	80
15	$^{40}\text{Ar}/^{39}\text{Ar}$ thermochronological constraints on the retrogression and exhumation of ultra-high pressure (UHP) metamorphic rocks from Xitieshan terrane, North Qaidam, China. <i>Gondwana Research</i> , 2016 , 36, 157-175	5.1	5
14	Thermal history and extensional exhumation of a high-temperature crystalline complex (Hekadağ Massif, Central Anatolia). <i>Lithos</i> , 2015 , 238, 156-173	2.9	13
13	Dynamics of intraoceanic subduction initiation: 2. Suprasubduction zone ophiolite formation and metamorphic sole exhumation in context of absolute plate motions. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 1771-1785	3.6	68
12	Origin of a Cretaceous low- ^{18}O granitoid complex in the active continental margin of SE China. <i>Lithos</i> , 2015 , 216-217, 136-147	2.9	22
11	Fluid inclusions study and direct $^{40}\text{Ar}/^{39}\text{Ar}$ dating by in vacuo crushing of quartz veins within UHP metamorphic rocks from Yuka terrane, North Qaidam orogen, China. <i>Geochemical Journal</i> , 2015 , 49, 139-155	0.9	2
10	Early Paleozoic to Middle Triassic bivergent accretion in the Central Asian Orogenic Belt: insights from zircon U-Pb dating of ductile shear zones in central Inner Mongolia, China. <i>Lithos</i> , 2014 , 205, 84-111	2.9	66
9	Paleozoic polymetamorphism in the North Qinling orogenic belt, Central China: Insights from petrology and in situ titanite and zircon U-Pb geochronology. <i>Journal of Asian Earth Sciences</i> , 2014 , 92, 77-91	2.8	33
8	Nature and timing of the Solonker suture of the Central Asian Orogenic Belt: insights from geochronology and geochemistry of basic intrusions in the Xilin Gol Complex, Inner Mongolia, China. <i>International Journal of Earth Sciences</i> , 2014 , 103, 41-60	2.2	45
7	Coherence of the Dabie Shan UHPM Terrane Investigated by Lu-Hf and $^{40}\text{Ar}/^{39}\text{Ar}$ Dating of Eclogites 2011 , 325-357		2
6	Tectonic significance of the Xilin Gol Complex, Inner Mongolia, China: Petrological, geochemical and U-Pb zircon age constraints. <i>Journal of Asian Earth Sciences</i> , 2011 , 42, 1018-1029	2.8	58

5	Late Carboniferous to Middle Permian arc/forearc-related basin in Central Asian Orogenic Belt: Insights from the petrology and geochemistry of the Shuangjing Schist in Inner Mongolia, China. <i>Island Arc</i> , 2011 , 20, 535-549	2	25
4	Amphibolite facies retrograde metamorphism of the Zhujiachong eclogite, SE Dabieshan: $^{40}\text{Ar}/^{39}\text{Ar}$ age constraints from argon extraction using UV-laser microprobe, in vacuo crushing and stepwise heating. <i>Journal of Metamorphic Geology</i> , 2010 , 28, 477-487	4.4	25
3	Age and nature of eclogites in the Huwan shear zone, and the multi-stage evolution of the Qinling-Dabie-Sulu orogen, central China. <i>Earth and Planetary Science Letters</i> , 2009 , 277, 345-354	5.3	128
2	Late Neoproterozoic proto-arc ocean crust in the Dariv Range, Western Mongolia: a supra-subduction zone end-member ophiolite. <i>Journal of the Geological Society</i> , 2006 , 163, 363-373	2.7	61
1	Late-orogenic heating during exhumation: Alpine PTt trajectories and thermomechanical models. <i>Earth and Planetary Science Letters</i> , 2004 , 220, 185-199	5.3	32