Fraukje M Brouwer

List of Publications by Citations

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	Age and nature of eclogites in the Huwan shear zone, and the multi-stage evolution of the Qinling-Dabie-Sulu orogen, central China. *Earth and Planetary Science Letters*, **2009**, 277, 345-354	5.3	128
39	Tectonic evolution and paleogeography of the K□hir Block and the Central Anatolian Ophiolites, Turkey. *Tectonics*, **2016**, 35, 983-1014	4.3	80
38	Dynamics of intraoceanic subduction initiation: 2. Suprasubduction zone ophiolite formation and metamorphic sole exhumation in context of absolute plate motions. *Geochemistry, Geophysics, Geosystems*, **2015**, 16, 1771-1785	3.6	68
37	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. *Lithos*, **2014**, 205, 84-111	2.9	66
36	Late Neoproterozoic proto-arc ocean crust in the Dariv Range, Western Mongolia: a supra-subduction zone end-member ophiolite. *Journal of the Geological Society*, **2006**, 163, 363-373	2.7	61
35	Tectonic significance of the Xilin Gol Complex, Inner Mongolia, China: Petrological, geochemical and U□b zircon age constraints. *Journal of Asian Earth Sciences*, **2011**, 42, 1018-1029	2.8	58
34	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. *International Journal of Earth Sciences*, **2014**, 103, 41-60	2.2	45
33	Reworking of atmospheric sulfur in a Paleoarchean hydrothermal system at Londozi, Barberton Greenstone Belt, Swaziland. *Precambrian Research*, **2016**, 280, 195-204	3.9	35
32	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. *Bulletin of the Geological Society of America*, **2017**, 129, 677-697	3.9	34
31	Palaeozoic polymetamorphism in the North Qinling orogenic belt, Central China: Insights from petrology and in situ titanite and zircon U□b geochronology. *Journal of Asian Earth Sciences*, **2014**, 92, 77-91	2.8	33
30	Subduction-related metasomatic mantle source in the eastern Central Asian Orogenic Belt: Evidence from amphibolites in the Xilingol Complex, Inner Mongolia, China. *Gondwana Research*, **2017**, 43, 193-212	5.1	32
29	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. *Precambrian Research*, **2018**, 315, 179-200	3.9	32
28	Late-orogenic heating during exhumation: Alpine PTt trajectories and thermomechanical models. *Earth and Planetary Science Letters*, **2004**, 220, 185-199	5.3	32
27	Understanding phengite argon closure using single grain fusion age distributions in the Cycladic Blueschist Unit on Syros, Greece. *Earth and Planetary Science Letters*, **2018**, 484, 192-203	5.3	30
26	Late Carboniferous □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. *Island Arc*, **2011**, 20, 535-549	2	25
25	Amphibolite facies retrograde metamorphism of the Zhujiachong eclogite, SE Dabieshan: 40Ar/39Ar age constraints from argon extraction using UV-laser microprobe, in vacuo crushing and stepwise heating. *Journal of Metamorphic Geology*, **2010**, 28, 477-487	4.4	25
24	Origin of a Cretaceous low-18O granitoid complex in the active continental margin of SE China. *Lithos*, **2015**, 216-217, 136-147	2.9	22

23	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. *Gondwana Research*, **2017**, 47, 323-341	5.1	21
22	Metamorphic P-T Path Differences between the Two UHP Terranes of Sulu Orogen, Eastern China: Petrologic Comparison between Eclogites from Donghai and Rongcheng. *Journal of Earth Science (Wuhan, China)*, **2018**, 29, 1151-1166	2.2	15
21	Thermal history and extensional exhumation of a high-temperature crystalline complex (H□kada□ Massif, Central Anatolia). *Lithos*, **2015**, 238, 156-173	2.9	13
20	Early Neoproterozoic magmatism in the Central Qilian block, NW China: Geochronological and petrogenetic constraints for Rodinia assembly. *Bulletin of the Geological Society of America*, **2020**, 132, 2415-2431	3.9	11
19	Petrology of Garnet Amphibolites from the Hualong Group: Implications for Metamorphic Evolution of the Qilian Orogen, NW China. *Journal of Earth Science (Wuhan, China)*, **2018**, 29, 1102-1115	2.2	11
18	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. *Precambrian Research*, **2020**, 351, 105947	3.9	7
17	40Ar/39Ar thermochronological constraints on the retrogression and exhumation of ultra-high pressure (UHP) metamorphic rocks from Xitieshan terrane, North Qaidam, China. *Gondwana Research*, **2016**, 36, 157-175	5.1	5
16	Petrology and Metamorphic P-T Paths of Metamorphic Zones in the Huangyuan Group, Central Qilian Block, NW China. *Journal of Earth Science (Wuhan, China)*, **2019**, 30, 1280-1292	2.2	5
15	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. *Acta Geologica Sinica*, **2019**, 93, 1228-1260	0.7	3
14	Northward subduction of the South Qilian ocean: Insights from early Paleozoic magmatism in the South-Central Qilian belts. *Geosystems and Geoenvironment*, **2021**, 1, 100013		3
13	Circa 2.5 Ga granitoids in the eastern North China craton: Melting from ca. 2.7 Ga accretionary crust. *Bulletin of the Geological Society of America*, **2020**, 132, 817-834	3.9	3
12	Structural and tectonothermal evolution of the ultrahigh-temperature Bakhuis Granulite Belt, Guiana Shield, Surinam: Palaeoproterozoic to recent. *Geoscience Frontiers*, **2021**, 12, 677-692	6	3
11	Coherence of the Dabie Shan UHPM Terrane Investigated by Lu□f and 40Ar/39Ar Dating of Eclogites **2011**, 325-357		2
10	Fluid inclusions study and direct 40Ar/39Ar dating by in vacuo crushing of quartz veins within UHP metamorphic rocks from Yuka terrane, North Qaidam orogen, China. *Geochemical Journal*, **2015**, 49, 139-155	0.8	2
9	Regional UHT metamorphism with widespread, primary CO2-rich cordierite in the Bakhuis Granulite Belt, Surinam: A feldspar thermometry study. *Precambrian Research*, **2020**, 350, 105894	3.9	2
8	Meso-Neoproterozoic arc-related sediments of the Xiahe Group in the Qinling block, central China: Implications for the paleogeographic reconstruction of Rodinia. *Precambrian Research*, **2021**, 361, 106263	3.9	2
7	Consistent detachment of supracrustal rocks from a fixed subduction depth in the Cyclades. *Earth and Planetary Science Letters*, **2022**, 584, 117479	5.3	2
6	Constraints on retrograde metamorphism of UHP eclogites in North Qinling, Central China, from 40Ar/39Ar dating of amphibole and phengite. *Gondwana Research*, **2020**, 87, 83-106	5.1	1

5	Occurrence of Excess 40Ar in Amphibole: Implications of 40Ar/39Ar Dating by Laser Stepwise Heating and in vacuo Crushing. *Journal of Earth Science (Wuhan, China)*, **2018**, 29, 416-426	2.2	0
4	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. *Acta Geologica Sinica*, **2019**, 93, 1261-1280	0.7	0
3	Early Paleozoic arc-accretion in the northern branch of the Proto-Tethys Ocean: New insights from detrital zircon U Pb ages and geochemistry of paraschists from the Kuanping Complex, North Qinling Orogenic Belt, China. *Lithos*, **2021**, 400-401, 106410	2.9	0
2	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. *Precambrian Research*, **2022**, 371, 106603	3.9	0
1	Hydrothermal alteration at the basalt-hosted Vista Alegre impact structure, Brazil. *Meteoritics and Planetary Science*, **2021**, 56, 2155-2174	2.8	