Jan R Wijbrans

List of Publications by Year
in descending order

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170 papers	9,199 citations	31902 53 h-index	46693 89 g-index
176 all docs	176 docs citations	176 times ranked	6996 citing authors

#	Article	IF	Citations
1	Synchronizing Rock Clocks of Earth History. Science, 2008, 320, 500-504.	6.0	1,229
2	40Ar/39Ar dating of white micas from an Alpine high-pressure metamorphic belt on Naxos (Greece): the resetting of the argon isotopic system. Contributions To Mineralogy and Petrology, 1986, 93, 187-194.	1.2	309
3	Homo erectus at Trinil on Java used shells for tool production and engraving. Nature, 2015, 518, 228-231.	13.7	299
4	Generation of the Early Cenozoic adakitic volcanism by partial melting of mafic lower crust, Eastern Turkey: Implications for crustal thickening to delamination. Lithos, 2010, 114, 109-120.	0.6	211
5	Short-lived and discontinuous intraplate volcanism in the South Pacific: Hot spots or extensional volcanism?. Geochemistry, Geophysics, Geosystems, 2003, 4, .	1.0	194
6	Metamorphic evolution of the Attic Cycladic Metamorphic Belt on Naxos (Cyclades, Greece) utilizing 40Ar/39Ar age spectrum measurements. Journal of Metamorphic Geology, 1988, 6, 571-594.	1.6	191
7	Multistage exhumation of the Menderes Massif, western Anatolia (Turkey). International Journal of Earth Sciences, 2001, 89, 781-792.	0.9	185
8	The Paleogene record of Himalayan erosion: Bengal Basin, Bangladesh. Earth and Planetary Science Letters, 2008, 273, 1-14.	1.8	153
9	Age constraints on the geological evolution of the Narryer Gneiss Complex, Western Australia. Australian Journal of Earth Sciences, 1990, 37, 51-69.	0.4	147
10	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.	1.8	146
11	Relative contributions of crust and mantle to generation of Campanian high-K calc-alkaline I-type granitoids in a subduction setting, with special reference to the HarÅŸit Pluton, Eastern Turkey. Contributions To Mineralogy and Petrology, 2010, 160, 467-487.	1.2	144
12	Single grain argon laser probe dating of phengites from the blueschist to greenschist transition on Sifnos (Cyclades, Greece). Contributions To Mineralogy and Petrology, 1990, 104, 582-593.	1.2	142
13	Cenozoic magmatism in the western Ross Embayment: Role of mantle plume versus plate dynamics in the development of the West Antarctic Rift System. Journal of Geophysical Research, 2002, 107, ECV 5-1-ECV 5-22.	3.3	129
14	Dating crystalline groundmass separates of altered Cretaceous seamount basalts by the 40Ar/39Ar incremental heating technique. Chemical Geology, 2000, 166, 139-158.	1.4	128
15	Laser 40Ar/39Ar dating of single detrital muscovite grains from early foreland-basin sedimentary deposits in India: Implications for early Himalayan evolution. Geology, 1997, 25, 535.	2.0	113
16	Time Markers for the Evolution and Exhumation History of a Late Palaeozoic Paired Metamorphic Belt in Northâ€“Central Chile (34Â°â€“35Â°30â€²S). Journal of Petrology, 2005, 46, 1835-1858.	1.1	102
17	Interpreting and reporting 40Ar/39Ar geochronologic data. Bulletin of the Geological Society of America, 2021, 133, 461-487.	1.6	102
18	Time calibration of a P-T path from a Variscan high-temperature low-pressure metamorphic complex (Bayerische Wald, Germany), and the detection of inherited monazite. Contributions To Mineralogy and Petrology, 2000, 138, 143-163.	1.2	101

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19	40Ar/39Ar ages and paleomagnetism of SÃ£o Miguel lavas, Azores. Earth and Planetary Science Letters, 1998, 160, 637-649.	1.8	100
20	Data reporting norms for 40Ar/39Ar geochronology. Quaternary Geochronology, 2009, 4, 346-352.	0.6	97
21	Constraints on Archaean crustal evolution of the Zimbabwe craton: a U-Pb zircon, Sm-Nd and Pb-Pb whole-rock isotope study. Contributions To Mineralogy and Petrology, 1996, 124, 55-70.	1.2	95
22	Constraints on past plate and mantle motion from new ages for the Hawaiianâ€Emperor Seamount Chain. Geochemistry, Geophysics, Geosystems, 2013, 14, 4564-4584.	1.0	95
23	The Magellan seamount trail: implications for Cretaceous hotspot volcanism and absolute Pacific plate motion. Earth and Planetary Science Letters, 1998, 163, 53-68.	1.8	93
24	Geological evolution of Mount Etna volcano (Italy) from earliest products until the first central volcanism (between 500 and 100Âka ago) inferred from geochronological and stratigraphic data. International Journal of Earth Sciences, 2008, 97, 135-152.	0.9	93
25	Adakite-like granitoid porphyries in the Eastern Pontides, NE Turkey: Potential parental melts and geodynamic implications. Lithos, 2011, 127, 354-372.	0.6	93
26	Temporal and spatial variations in provenance of Eastern Mediterranean Sea sediments: Implications for Aegean and Aeolian arc volcanism. Geochimica Et Cosmochimica Acta, 2015, 153, 149-168.	1.6	83
27	Jurassic arc volcanism on Crimea (Ukraine): Implications for the paleo-subduction zone configuration of the Black Sea region. Lithos, 2010, 119, 412-426.	0.6	82
28	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.	0.6	81
29	40Ar/39Ar laserprobe direct dating of discrete deformational events: a continuous record of early Alpine tectonics in the Pelagonian Zone, NW Aegean area, Greece. Tectonophysics, 1998, 298, 133-153.	0.9	80
30	The record of Himalayan erosion preserved in the sedimentary rocks of the Hatia Trough of the Bengal Basin and the Chittagong Hill Tracts, Bangladesh. Basin Research, 2012, 24, 499-519.	1.3	79
31	Hotspot trails in the South Atlantic controlled by plume and plate tectonic processes. Nature Geoscience, 2012, 5, 735-738.	5.4	78
32	Paleozoic ages and excess 40Ar in garnets from the Bixiling eclogite in Dabieshan, China: New insights from 40Ar/39Ar dating by stepwise crushing. Geochimica Et Cosmochimica Acta, 2006, 70, 2354-2370.	1.6	77
33	Long-term cosmogenic 3He production rates (152 kaâ€“1.35 Ma) from 40Ar/39Ar dated basalt flows at 29Â°N latitude. Earth and Planetary Science Letters, 2000, 176, 147-156.	1.8	75
34	Episodic exhumation in the Western Alps. Geology, 2003, 31, 601.	2.0	73
35	40Ar/39Ar geochronology of Neogene phreatomagmatic volcanism in the western Pannonian Basin, Hungary. Journal of Volcanology and Geothermal Research, 2007, 164, 193-204.	0.8	73
36	Plio-Pleistocene exhumation of the eastern Himalayan syntaxis and its domal â€˜pop-upâ€™. Earth-Science Reviews, 2016, 160, 350-385.	4.0	72

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37	New ⁴⁰Ar/³⁹Ar age of the Bishop Tuff from multiple sites and sediment rate calibration for the Matuyamaâ€Brunhes boundary. Journal of Geophysical Research, 2000, 105, 21431-21443.	3.3	70
38	The Paleozoic metamorphic history of the Central Orogenic Belt of China from 40Ar/39Ar geochronology of eclogite garnet fluid inclusions. Earth and Planetary Science Letters, 2008, 268, 501-514.	1.8	68
39	Tectonic significance of the Xilin Gol Complex, Inner Mongolia, China: Petrological, geochemical and Uâ€“Pb zircon age constraints. Journal of Asian Earth Sciences, 2011, 42, 1018-1029.	1.0	66
40	Sedimentary cycles and volcanic ash beds in the Lower Pliocene lacustrine succession of Ptolemais (NW Greece): discrepancy between 40Ar/39Ar and astronomical ages. Palaeogeography, Palaeoclimatology, Palaeoecology, 1999, 152, 283-303.	1.0	65
41	Integrated stratigraphy and 40Ar/39Ar chronology of the Early to Middle Miocene Upper Freshwater Molasse in eastern Bavaria (Germany). International Journal of Earth Sciences, 2008, 97, 115-134.	0.9	64
42	Age and geochemistry of Silurian gabbroic rocks in the Tongbai orogen, central China: Implications for the geodynamic evolution of the North Qinling arcâ€“back-arc system. Lithos, 2013, 179, 1-15.	0.6	64
43	Thickening and exhumation of the Variscan roots in the Iberian Central System: Tectonothermal processes and 40Ar/39Ar ages. Tectonophysics, 2013, 587, 207-221.	0.9	64
44	Repeated thermal resetting of phengites in the Mulhacen Complex (Betic Zone, southeastern Spain) shown by40Ar/39Ar step heating and single grain laser probe dating. Earth and Planetary Science Letters, 1992, 110, 173-191.	1.8	63
45	Present status of the astronomical (polarity) time-scale for the Mediterranean Late Neogene. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 1931-1947.	1.6	63
46	40 Ar/ 39 Ar ages of tephras intercalated in astronomically tuned Neogene sedimentary sequences in the eastern Mediterranean. Earth and Planetary Science Letters, 2004, 222, 583-597.	1.8	63
47	Pressure-temperature-time evolution of the high-pressure, metamorphic complex of Sifnos, Greece. Geology, 1993, 21, 443.	2.0	62
48	Crustal thermal regime prior to, during, and after rifting: A geochronological and modeling study of the Mesozoic South Alpine rifted margin. Tectonics, 1999, 18, 185-200.	1.3	62
49	Middle-Late Alpine thermotectonic evolution of the southern Rhodope Massif, Greece. Geodinamica Acta, 2000, 13, 281-292.	2.2	60
50	40Ar/39Ar-ages of phlogopite in mantle xenoliths from South African kimberlites: Evidence for metasomatic mantle impregnation during the Kibaran orogenic cycle. Lithos, 2008, 106, 351-364.	0.6	59
51	Integrated stratigraphy and 40Ar/39Ar chronology of the early to middle Miocene Upper Freshwater Molasse in western Bavaria (Germany). International Journal of Earth Sciences, 2010, 99, 1859-1886.	0.9	59
52	Evidence from episodic seamount volcanism for pulsing of the Iceland plume in the past 70â€‰Myr. Nature, 2000, 408, 954-958.	13.7	57
53	40Ar/39Ar laserprobe dating of mylonitic fabrics in a polyorogenic terrane of NW Iberia. Journal of the Geological Society, 2006, 163, 61-73.	0.9	57
54	On the metamorphic history of an Archaean granitoid greenstone terrane, East Pilbara, Western Australia, using the40Ar/39Ar age spectrum technique. Earth and Planetary Science Letters, 1987, 84, 226-242.	1.8	53

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55	Migration of widespread long-lived volcanism across the GalÃ¡pagos Volcanic Province: Evidence for a broad hotspot melting anomaly?. Earth and Planetary Science Letters, 2007, 263, 339-354.	1.8	53
56	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.	0.9	52
57	Intraplate volcanism influenced by distal subduction tectonics at Jeju Island, Republic of Korea. Bulletin of Volcanology, 2015, 77, 1.	1.1	52
58	No vertical axis rotations during Neogene transpressional orogeny in the NE Gobi Altai: coinciding Mongolian and Eurasian early Cretaceous apparent polar wander paths. Geophysical Journal International, 2008, 173, 105-126.	1.0	50
59	The Monte del Casino section (Northern Apennines, Italy): a potential Tortonian/Messinian boundary stratotype?. Palaeogeography, Palaeoclimatology, Palaeoecology, 1997, 133, 27-47.	1.0	49
60	Age of the El Golfo debris avalanche, El Hierro (Canary Islands): New constraints from laser and furnace 40Ar/39Ar dating. Journal of Volcanology and Geothermal Research, 2011, 203, 76-80.	0.8	49
61	Products and timing of diagenetic processes in Upper Rotliegend sandstones from Bebertal (North) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	48
62	Comparison of Thermochronometers in a Slowly Cooled Granulite Terrain: Nagssugtoqidian Orogen, West Greenland. Journal of Petrology, 2001, 42, 1729-1749.	1.1	46
63	Posttectonic Cooling of the Nagssugtoqidian Orogen and a Comparison of Contrasting Cooling Histories in Precambrian and Phanerozoic Orogens. Journal of Geology, 2002, 110, 503-517.	0.7	46
64	Exhumation of the Central Alps: evidence from 40Ar/39Ar laserprobe dating of detrital white micas from the Swiss Molasse Basin. Terra Nova, 1999, 11, 284-289.	0.9	45
65	Inherited argon in a Pleistocene andesite lava: 40Ar/39Ar incremental-heating and laser-fusion analyses of plagioclase. Geology, 1998, 26, 427.	2.0	44
66	Middle-Late Alpine thermotectonic evolution of the southern Rhodope Massif, Greece. Geodinamica Acta, 2000, 13, 281-292.	2.2	44
67	Excess argon incorporation in phengite of the MulhacÃ©n Complex: submicroscopic illitization and fluid ingress during late Miocene extension in the Betic Zone, south-eastern Spain. Chemical Geology, 2001, 178, 159-195.	1.4	44
68	The transition from subduction arc to slab tearing: Evidence from Capraia Island, northern Tyrrhenian Sea. Journal of Geodynamics, 2009, 47, 30-38.	0.7	44
69	Archaean granulites of the Limpopo Belt, Zimbabwe: One slow exhumation or two rapid events?. Tectonics, 1996, 15, 1414-1430.	1.3	43
70	Direct comparison of astronomical and40Ar/39Ar ages of ash beds: Potential implications for the age of mineral dating standards. Geophysical Research Letters, 1997, 24, 2043-2046.	1.5	43
71	Hornblende 40Ar/39Ar geochronology across terrane boundaries in the Sveconorwegian Province of S. Norway. Precambrian Research, 1998, 90, 159-185.	1.2	42
72	Protracted felsic magmatic activity associated with the opening of the South Atlantic. Journal of the Geological Society, 2001, 158, 583-592.	0.9	42

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73	40Ar/39Ar geochronology using a quadrupole mass spectrometer. Quaternary Geochronology, 2009, 4, 508-516.	0.6	42
74	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.	1.8	42
75	Migration rate of volcanism along the Foundation Chain, SE Pacific. Earth and Planetary Science Letters, 1998, 164, 41-59.	1.8	40
76	Late Miocene to Early Pliocene depositional history of the intramontane Florinaâ€“Ptolemaisâ€“Servia Basin, NW Greece: Interplay between orbital forcing and tectonics. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 238, 151-178.	1.0	40
77	Late Cenozoic fluvial dynamics of the River Tana, Kenya, an uplift dominated record. Quaternary Science Reviews, 2007, 26, 2897-2912.	1.4	39
78	Fluvial response to Holocene volcanic damming and breaching in the Gediz and Geren rivers, western Turkey. Geomorphology, 2013, 201, 430-448.	1.1	39
79	Deformation-related volcanism in the Pacific Ocean linked to the Hawaiianâ€“Emperor bend. Nature Geoscience, 2015, 8, 393-397.	5.4	38
80	40Ar/39Ar laser-probe dating of detrital white micas from Cretaceous sedimentary rocks of the Eastern Alps: Evidence for Variscan high-pressure metamorphism and implications for Alpine orogeny. Geology, 1996, 24, 691.	2.0	37
81	Tectonic evolution of the upper allochthon of the Ò•rdenes complex (northwestern Iberian Massif): Structural constraints to a polyorogenic peri-Gondwanan terrane. , 2007, , .		37
82	The earliest securely-dated hominin artefact in Anatolia?. Quaternary Science Reviews, 2015, 109, 68-75.	1.4	37
83	Provenance of Oligocene synorogenic sediments of the Ligurian Alps (NW Italy): inferences on belt age and cooling history. International Journal of Earth Sciences, 2003, 92, 758-778.	0.9	36
84	Elemental and Srâ€“Ndâ€“Pb isotopic geochemistry of the most recent Quaternary volcanism in the Erzincan Basin, Eastern Turkey: framework for the evaluation of basaltâ€“lower crust interaction. Lithos, 2008, 106, 55-70.	0.6	34
85	The early stages of the Alpine collision: an image derived from the upper Eoceneâ€“lower Oligocene record in the Alpsâ€“Apennines junction area. Sedimentary Geology, 2004, 171, 181-203.	1.0	32
86	Age of the Cretaceous alkaline magmatism in northeast Iberia: Implications for the Alpine cycle in the Pyrenees. Tectonics, 2014, 33, 1444-1460.	1.3	32
87	40Ar/39Ar geochronology of Holocene basalts; examples from Stromboli, Italy. Quaternary Geochronology, 2011, 6, 223-232.	0.6	31
88	Mount Kenya volcanic activity and the Late Cenozoic landscape reorganisation in the upper Tana fluvial system. Geomorphology, 2012, 145-146, 19-31.	1.1	31
89	Amphibolite facies retrograde metamorphism of the Zhujiachong eclogite, SE Dabieshan: ⁴⁰Ar/³⁹Ar age constraints from argon extraction using UVâ€laser microprobe, in vacuo crushing and stepwise heating. Journal of Metamorphic Geology, 2010, 28, 477-487.	1.6	30
90	Late Carboniferous â€“ Middle Permian arc/forearcâ€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.	0.5	30

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91	High-precision 40Ar/39Ar age of the gas emplacement into the Songliao Basin. Geology, 2011, 39, 451-454.	2.0	29
92	40Ar/39Ar constraints on the temporal evolution of Graciosa Island, Azores (Portugal). Bulletin of Volcanology, 2014, 76, 1.	1.1	29
93	The age of volcanic tuffs from the Upper Freshwater Molasse (North Alpine Foreland Basin) and their possible use for tephrostratigraphic correlations across Europe for the Middle Miocene. International Journal of Earth Sciences, 2018, 107, 387-407.	0.9	29
94	40Ar/39Ar age constraints on tectonothermal events in the Shaw area of the eastern Pilbara graniteâ€“greenstone terrain (W Australia): 700 Ma of Archean tectonic evolution. Tectonophysics, 1999, 311, 45-81.	0.9	28
95	The40Ar/39Ar dating of magmatic activity in the Donbas Fold Belt and the Scythian Platform (Eastern) Tj ETQq1 1 0.784314 rgBT /Over	1.3	28
96	Stratigraphic continuity and early deformation of the central part of the Coppin Gap Greenstone Belt, Pilbara, Western Australia. Precambrian Research, 2006, 147, 1-27.	1.2	28
97	Early onset and late acceleration of rapid exhumation in the Namche Barwa syntaxis, eastern Himalaya. Geology, 2020, 48, 1139-1143.	2.0	28
98	Paleomagnetism and40Ar/39Ar ages from La Palma in the Canary Islands. Geochemistry, Geophysics, Geosystems, 2000, 1, n/a-n/a.	1.0	27
99	SHRIMP U-Pb zircon dating of Archean core complex formation and pancratonic strike-slip deformation in the East Pilbara Granite-Greenstone Terrain. Tectonics, 2001, 20, 883-908.	1.3	27
100	Multimethod radiometric age for a bentonite near the top of the Baculites reesidei Zone of southwestern Saskatchewan (Campanianâ€“Maastrichtian stage boundary?). Canadian Journal of Earth Sciences, 1993, 30, 769-775.	0.6	26
101	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.	1.1	26
102	Evaluation of cosmogenic 3He and 21Ne production rates in olivine and pyroxene from two Pleistocene basalt flows, western Grand Canyon, AZ, USA. Quaternary Geochronology, 2009, 4, 475-492.	0.6	25
103	Downstream evolution of the thermochronologic age signal in the Brahmaputra catchment (eastern) Tj ETQq1 1 0.784314 rgBT /Over 499, 48-61.	1.8	25
104	New insights from ⁴⁰ Ar/ ³⁹ Ar laserprobe dating of white mica fabrics from the Pelion Massif, Pelagonian Zone, Internal Hellenides, Greece: implications for the timing of metamorphic episodes and tectonic events in the Aegean region. Geological Society Special Publication, 1999, 156, 457-474.	0.8	24
105	REFINED TIMING OF PORPHYRY COPPER FORMATION IN THE SERBIAN AND BULGARIAN PORTIONS OF THE CRETACEOUS CARPATHO-BALKAN BELT. Economic Geology, 2004, 99, 601-609.	1.8	24
106	New results of 40Ar/39Ar dating constrain the timing of transition from fissure-type to central volcanism at Mount Etna (Italy). Terra Nova, 2005, 17, 292-298.	0.9	24
107	Human impact on erosion patterns and sediment transport in the Yangtze River. Global and Planetary Change, 2016, 143, 88-99.	1.6	24
108	The Gediz River fluvial archive: A benchmark for Quaternary research in Western Anatolia. Quaternary Science Reviews, 2017, 166, 289-306.	1.4	24

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109	Geochronology of detrital muscovite and zircon constrains the sediment provenance changes in the Yangtze River during the late Cenozoic. Basin Research, 2018, 30, 636-649.	1.3	24
110	Co-located monogenetic eruptions ~200Âkyr apart driven by tapping vertically separated mantle source regions, Chagwido, Jeju Island, Republic of Korea. Bulletin of Volcanology, 2015, 77, 1.	1.1	23
111	40Ar39Ar laserprobe ages of metamorphic hornblendes from the Coongan Belt, Pilbara, Western Australia. Precambrian Research, 1997, 83, 221-242.	1.2	21
112	Revised isotopic (40Ar/39Ar) age for the lamproite volcano of Cabezos Negros, Fortuna Basin (Eastern) Tj ETQq0 0 0 rgBT /Overlock 10	1.0	21
113	40Ar/39Ar isotopic dating of Etna volcanic succession. Italian Journal of Geosciences, 2011, , 292-305.	0.4	19
114	Precise tracing of exhumation and provenance using⁴⁰Ar/³⁹Ar geochronology of detrital white mica: the example of the Central Alps. Geological Society Special Publication, 2003, 208, 289-305.	0.8	18
115	Radioisotopic dating of the Tortonian Global Stratotype Section and Point: implications for intercalibration of 40Ar/39Ar and astronomical dating methods. Terra Nova, 2005, 17, 385-398.	0.9	18
116	Apparent partial loss age spectra of Neoarchean hornblende (Murmansk Terrane, Kola Peninsula,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 analysis. Terra Nova, 2006, 18, 353-364.	0.9	17
117	No Yangtze River Prior to the Late Miocene: Evidence From Detrital Muscovite and Kâ€Feldspar ⁴⁰Ar/³⁹Ar Geochronology. Geophysical Research Letters, 2021, 48, e2020GL089903.	1.5	17
118	Mafic dike swarms as absolute time markers in high-grade terranes: 40Ar/39Ar geochronological constraints on the KangÃ¢miut dikes, West Greenland. Geology, 1999, 27, 775.	2.0	16
119	Archean magmatism in the Kaminak Lake area, District of Keewatin, Northwest Territories: ages of the carbonatite-bearing alkaline complex and some host granitoid rocks. Canadian Journal of Earth Sciences, 1992, 29, 896-908.	0.6	15
120	40Ar/39Ar constraints on obduction of the Seram ultramafic complex: consequences for the evolution of the southern Banda Sea. Geological Society Special Publication, 1996, 106, 455-464.	0.8	15
121	Reconstruction of the eruptive activity on the NE sector of Stromboli volcano: timing of flank eruptions since 15Âka. Bulletin of Volcanology, 2011, 73, 101-112.	1.1	15
122	Hotspot tracks in the South Atlantic located above bands of fast flowing asthenosphere driven by waning pulsations from the African LLSVP. Gondwana Research, 2018, 53, 197-208.	3.0	15
123	Insights into the evolution of the Hindu Kushâ€"Kohistanâ€"Karakoram from modern river sand detrital geo- and thermochronological studies. Journal of the Geological Society, 2018, 175, 934-948.	0.9	15
124	40Ar/39Ar dating, geochemistry and tectonic setting of Early Carboniferous dolerite sills in the Pechora basin, foreland of the Polar Urals. Tectonophysics, 1999, 313, 107-118.	0.9	14
125	New thermochronologic constraints on the evolution of the ZaldÃvar porphyry copper deposit, Northern Chile. Mineralium Deposita, 2009, 44, 329-342.	1.7	14
126	En echelon volcanic elongate ridges connecting intraplate Foundation Chain volcanism to the Pacificâ€"Antarctic spreading center. Earth and Planetary Science Letters, 2001, 189, 93-102.	1.8	13

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127	Catchment response to lava damming: integrating field observation, geochronology and landscape evolution modelling. Earth Surface Processes and Landforms, 2016, 41, 1629-1644.	1.2	12
128	Cretaceousâ€Paleogene Tectonics of the Pelagonian Zone: Inferences From Skopelos Island (Greece). Tectonics, 2019, 38, 1946-1973.	1.3	12
129	Detecting provenance variations and cooling patterns within the western Alpine orogen through ⁴⁰Ar/³⁹Ar geochronology on detrital sediments: The Tertiary Piedmont Basin, northwest Italy. , 2004, , .		11
130	Retrograde metamorphism of the eclogite in North Qaidam, western China: Constraints by joint 40Ar/39Ar in vacuo crushing and stepped heating. Geoscience Frontiers, 2015, 6, 759-770.	4.3	11
131	Consistent detachment of supracrustal rocks from a fixed subduction depth in the Cyclades. Earth and Planetary Science Letters, 2022, 584, 117479.	1.8	11
132	Late Proterozoic tectonic events in southern Finland, constrained by 40Ar/39Ar incremental heating and single spot fusion experiments on K-feldspars. Terra Nova, 1999, 11, 216-222.	0.9	10
133	Comment on â€œA high-precision 40Ar/39Ar age for the NÃ¶rdlinger Ries impact crater, Germany, and implications for the accurate dating of terrestrial impact eventsâ€• by Schmieder et al. (Geochimica et) Tj ETQq1 1 0.784314 rgBT /Ov	1.8	
134	METAMORPHIC EVOLUTION OF THE PRECAMBRIAN BASEMENT OF ALBERTA. Canadian Mineralogist, 2000, 38, 423-434.	0.3	10
135	40Ar/39Ar laser probe dating of detrital white micas from Cretaceous sedimentary rocks of the Eastern Alps: Evidence for Variscan high-pressure metamorphism and implications for Alpine orogeny: Comment and Reply. Geology, 1997, 25, 765.	2.0	9
136	A metrological approach to measuring⁴⁰Ar* concentrations in K-Ar and⁴⁰Ar/³⁹Ar mineral standards. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	1.0	9
137	Improving the precision of single grain mica 40Ar/39Ar-dating on smaller and younger muscovite grains: Application to provenance studies. Chemical Geology, 2019, 511, 100-111.	1.4	9
138	Eruptive history and ⁴⁰Arâ•³⁹Ar geochronology of the Milos volcanic field, Greece. Geochronology, 2021, 3, 273-297.	1.0	9
139	Tectonic Evolution of the Nevadoâ€FilÃ¡bride Complex (Sierra de Los FilÃ¡bres, Southeastern Spain): Insights From New Structural and Geochronological Data. Tectonics, 2022, 41, .	1.3	9
140	Pulsing of a focused mantle plume: Evidence from the distribution of foundation chain hotspot volcanism. Geophysical Research Letters, 2002, 29, 64-1-64-4.	1.5	8
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