Bradley Singer

List of Publications by Year
in descending order

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177 papers	9,813 citations	23567 58 h-index	45317 90 g-index
184 all docs	184 docs citations	184 times ranked	7009 citing authors

#	Article	IF	Citations
1	The Role of Water in Generating the Calc-alkaline Trend: New Volatile Data for Aleutian Magmas and a New Tholeiitic Index. Journal of Petrology, 2010, 51, 2411-2444.	2.8	271
2	Synoptic reconstruction of a major ancient lake system: Eocene Green River Formation, western United States. Bulletin of the Geological Society of America, 2008, 120, 54-84.	3.3	260
3	Textures and Sr, Ba, Mg, Fe, K and Ti compositional profiles in volcanic plagioclase clues to the dynamics of calc-alkaline magma chambers. American Mineralogist, 1995, 80, 776-798.	1.9	221
4	Recent investigations of the 0â€“5 Ma geomagnetic field recorded by lava flows. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	215
5	A Quaternary geomagnetic instability time scale. Quaternary Geochronology, 2014, 21, 29-52.	1.4	207
6	Eocene Plant Diversity at Laguna del Hunco and RÃo PichileufÃº, Patagonia, Argentina. American Naturalist, 2005, 165, 634-650.	2.1	200
7	40Ar/39Ar and K-Ar chronology of Pleistocene glaciations in Patagonia. Bulletin of the Geological Society of America, 2004, 116, 434.	3.3	183
8	Intercalibration of radioisotopic and astrochronologic time scales for the Cenomanian-Turonian boundary interval, Western Interior Basin, USA. Geology, 2012, 40, 7-10.	4.4	177
9	Tectonics and cycle system of the Cretaceous Songliao Basin: An inverted active continental margin basin. Earth-Science Reviews, 2016, 159, 82-102.	9.1	167
10	Age and duration of the Matuyama-Brunhes geomagnetic polarity reversal from 40Ar39Ar incremental heating analyses of lavas. Earth and Planetary Science Letters, 1996, 139, 47-61.	4.4	160
11	On the age of the Laschamp geomagnetic excursion. Earth and Planetary Science Letters, 2004, 227, 331-343.	4.4	160
12	Eruptive history, geochronology, and magmatic evolution of the Puyehue-Cordon Caulle volcanic complex, Chile. Bulletin of the Geological Society of America, 2008, 120, 599-618.	3.3	157
13	Reconciling astrochronological and ⁴⁰Ar/³⁹Ar ages for the Matuyamaâ€Brunhes boundary and late Matuyama Chron. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	157
14	Re-evaluation of the ages of 40Ar/39Ar sanidine standards and supereruptions in the western U.S. using a Noblesse multi-collector mass spectrometer. Chemical Geology, 2016, 431, 54-66.	3.3	155
15	Revised age of Aleutian Island Arc formation implies high rate of magma production. Geology, 2006, 34, 661.	4.4	145
16	Cosmogenic nuclide chronology of millennial-scale glacial advances during O-isotope stage 2 in Patagonia. Bulletin of the Geological Society of America, 2004, 116, 308.	3.3	142
17	Plioâ€“Pleistocene basalts from the Meseta del Lago Buenos Aires, Argentina: evidence for asthenosphereâ€“lithosphere interactions during slab window magmatism. Chemical Geology, 2003, 193, 215-235.	3.3	131
18	A Paleocene lowland macroflora from Patagonia reveals significantly greater richness than North American analogs. Geology, 2007, 35, 947.	4.4	130

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19	40Ar/39Ar chronostratigraphy of Altiplano-Puna volcanic complex ignimbrites reveals the development of a major magmatic province. Bulletin of the Geological Society of America, 2011, 123, 821-840.	3.3	129
20	Matuyamaâ€“Brunhes reversal and Kamikatsura event on Maui: paleomagnetic directions, 40 Ar/ 39 Ar ages and implications. Earth and Planetary Science Letters, 2004, 222, 667-684.	4.4	124
21	Elevated shear zone loading rate during an earthquake cluster in eastern California. Geology, 2008, 36, 507.	4.4	122
22	Geochronologic and stratigraphic constraints on canyon incision and Miocene uplift of the Central Andes in Peru. Earth and Planetary Science Letters, 2007, 263, 151-166.	4.4	120
23	Mid-Pleistocene lavas from the Seguam volcanic center, central Aleutian arc: closed-system fractional crystallization of a basalt to rhyodacite eruptive suite. Contributions To Mineralogy and Petrology, 1992, 110, 87-112.	3.1	116
24	Cosmogenic nuclide chronology of pre-last glacial maximum moraines at Lago Buenos Aires, 46ï¿½S, Argentina. Quaternary Research, 2005, 63, 301-315.	1.7	116
25	40Ar/39Ar geochronology of the Eocene Green River Formation, Wyoming. Bulletin of the Geological Society of America, 2003, 115, 549-565.	3.3	114
26	Eocene clocks agree: Coeval 40Ar/39Ar, U-Pb, and astronomical ages from the Green River Formation. Geology, 2010, 38, 527-530.	4.4	114
27	Eocene Gold Ore Formation at Muteh, Sanandaj-Sirjan Tectonic Zone, Western Iran: A Result of Late-Stage Extension and Exhumation of Metamorphic Basement Rocks within the Zagros Orogen. Economic Geology, 2006, 101, 1497-1524.	3.8	112
28	Structural and temporal requirements for geomagnetic field reversal deduced from lava flows. Nature, 2005, 434, 633-636.	27.8	109
29	Cosmogenic nuclide surface exposure dating of boulders on last-glacial and late-glacial moraines, Lago Buenos Aires, Argentina: Interpretive strategies and paleoclimate implications. Quaternary Geochronology, 2006, 1, 43-58.	1.4	105
30	Integrating 40Ar/39Ar, U-Pb, and astronomical clocks in the Cretaceous Niobrara Formation, Western Interior Basin, USA. Bulletin of the Geological Society of America, 2014, 126, 956-973.	3.3	105
31	Volcano evolution and eruptive flux on the thick crust of the Andean Central Volcanic Zone: 40Ar/39Ar constraints from Volcan Parinacota, Chile. Bulletin of the Geological Society of America, 2007, 119, 343-362.	3.3	104
32	New age constraints for the Salamanca Formation and lower Rio Chico Group in the western San Jorge Basin, Patagonia, Argentina: Implications for Cretaceous-Paleogene extinction recovery and land mammal age correlations. Bulletin of the Geological Society of America, 2014, 126, 289-306.	3.3	103
33	Volcanism and erosion during the past 930 k.y. at the Tataraâ€“San Pedro complex, Chilean Andes. Bulletin of the Geological Society of America, 1997, 109, 127-142.	3.3	102
34	Interpreting and reporting 40Ar/39Ar geochronologic data. Bulletin of the Geological Society of America, 2021, 133, 461-487.	3.3	102
35	Along-strike trace element and isotopic variation in Aleutian Island arc basalt: Subduction melts sediments and dehydrates serpentine. Journal of Geophysical Research, 2007, 112, .	3.3	100
36	40Ar/39Ar dating of latest Pleistocene (41 ka) marine tephra in the Mediterranean Sea: implications for global climate records. Earth and Planetary Science Letters, 2001, 184, 645-658.	4.4	97

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37	Laschamp and Mono Lake geomagnetic excursions recorded in New Zealand. Earth and Planetary Science Letters, 2008, 268, 76-88.	4.4	97
38	Data reporting norms for 40Ar/39Ar geochronology. Quaternary Geochronology, 2009, 4, 346-352.	1.4	97
39	39 Arâ€“ 40 Ar ages and geochemistry of the basaltic shield stage of Tenerife, Canary Islands, Spain. Journal of Volcanology and Geothermal Research, 2000, 103, 247-297.	2.1	95
40	Large-volume silicic volcanism in Kamchatka: Arâ€“Ar and Uâ€“Pb ages, isotopic, and geochemical characteristics of major pre-Holocene caldera-forming eruptions. Journal of Volcanology and Geothermal Research, 2010, 189, 57-80.	2.1	91
41	40Ar/39Ar, Kâ€“Ar and 230Thâ€“238U dating of the Laschamp excursion: A radioisotopic tie-point for ice core and climate chronologies. Earth and Planetary Science Letters, 2009, 286, 80-88.	4.4	90
42	Evidence of early Holocene glacial advances in southern South America from cosmogenic surface-exposure dating. Geology, 2005, 33, 237.	4.4	89
43	Variable Impact of the Subducted Slab on Aleutian Island Arc Magma Sources: Evidence from Sr, Nd, Pb, and Hf Isotopes and Trace Element Abundances. Journal of Petrology, 2004, 45, 1845-1875.	2.8	85
44	Long-term cosmogenic 3 He production rates from 40 Ar/ 39 Ar and Kâ€“Ar dated Patagonian lava flows at 47Â°S. Earth and Planetary Science Letters, 2003, 210, 119-136.	4.4	81
45	Late Paleoproterozoic Climate, Tectonics, and Metamorphism in the Southern Lake Superior Region and Protoâ€“North America: Evidence from Baraboo Interval Quartzites. Journal of Geology, 2003, 111, 243-257.	1.4	80
46	Locating magma reservoirs using InSAR and petrology before and during the 2011â€“2012 CordÃ³n Caulle silicic eruption. Earth and Planetary Science Letters, 2014, 395, 254-266.	4.4	77
47	Testing the astronomical time scale for oceanic anoxic event 2, and its extension into Cenomanian strata of the Western Interior Basin (USA). Bulletin of the Geological Society of America, 2014, 126, 974-989.	3.3	74
48	Milankovitch-Scale Sequence Stratigraphy and Stepped Forced Regressions of the Turonian Ferron Notom Deltaic Complex, South-Central Utah, U.S.A. Journal of Sedimentary Research, 2012, 82, 723-746.	1.6	70
49	Timing of deformation and exhumation in the western Idaho shear zone, McCall, Idaho. Bulletin of the Geological Society of America, 2008, 120, 1119-1133.	3.3	69
50	Rapid uplift in Laguna del Maule volcanic field of the Andean Southern Volcanic zone (Chile) 2007â€“2012. Geophysical Journal International, 2014, 196, 885-901.	2.4	65
51	Hornblende- and Phlogopite-Bearing Gabbroic Xenoliths from Volcan San Pedro (36degreesS), Chilean Andes: Evidence for Melt and Fluid Migration and Reactions in Subduction-Related Plutons. Journal of Petrology, 2002, 43, 219-241.	2.8	64
52	Geochemical, isotopic and single crystal 40Ar/39Ar age constraints on the evolution of the Cerro GalÃ¡n ignimbrites. Bulletin of Volcanology, 2011, 73, 1487-1511.	3.0	63
53	Dynamics of a large, restless, rhyolitic magma system at Laguna del Maule, southern Andes, Chile. GSA Today, 2014, , 4-10.	2.0	63
54	The Santa Rosa Event: 40Ar/39Ar and paleomagnetic results from the Valles rhyolite near Jaramillo Creek, Jemez Mountains, New Mexico. Earth and Planetary Science Letters, 2002, 197, 51-64.	4.4	62

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55	Geochronology and Mammalian Biostratigraphy of Middle and Upper Paleocene Continental Strata, Bighorn Basin, Wyoming. Numerische Mathematik, 2006, 306, 211-245.	1.4	62
56	Plagioclase zonation styles in hornblende gabbro inclusions from Little Glass Mountain, Medicine Lake volcano, California: implications for fractionation mechanisms and the formation of composition gaps. Contributions To Mineralogy and Petrology, 1996, 126, 121-136.	3.1	61
57	Patagonian Glacier Response During the Late Glacialâ€“Holocene Transition. Science, 2008, 321, 392-395.	12.6	60
58	Temporalâ€“compositional trends over short and long time-scales in basalts of the Big Pine Volcanic Field, California. Earth and Planetary Science Letters, 2008, 269, 140-154.	4.4	59
59	Latest Pleistocene advance of alpine glaciers in the southwestern Uinta Mountains, Utah, USA: Evidence for the influence of local moisture sources. Geology, 2006, 34, 841.	4.4	58
60	Paleogeographic reconstruction of the Eocene Idaho River, North American Cordillera. Bulletin of the Geological Society of America, 2011, 123, 71-88.	3.3	58
61	Volcanic history and magmatic evolution of Seguam Island, Aleutian Island arc, Alaska. Bulletin of the Geological Society of America, 2006, 118, 805-822.	3.3	57
62	Incremental heating of Bishop Tuff sanidine reveals preeruptive radiogenic Ar and rapid remobilization from cold storage. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12407-12412.	7.1	56
63	Complementary crystal accumulation and rhyolite melt segregation in a late Miocene Andean pluton. Geology, 2017, 45, 835-838.	4.4	56
64	Synchronizing volcanic, sedimentary, and ice core records of Earthâ€™s last magnetic polarity reversal. Science Advances, 2019, 5, eaaw4621.	10.3	56
65	Orbital control on the timing of oceanic anoxia in the Late Cretaceous. Climate of the Past, 2016, 12, 1995-2009.	3.4	54
66	Evolution of Holocene Dacite and Compositionally Zoned Magma, Volcan San Pedro, Southern Volcanic Zone, Chile. Journal of Petrology, 2002, 43, 1571-1593.	2.8	53
67	Latest Pleistocene glacial chronology of the Uinta Mountains: support for moisture-driven asynchrony of the last deglaciation. Quaternary Science Reviews, 2009, 28, 1171-1187.	3.0	53
68	Last glacial maximum climate inferences from cosmogenic dating and glacier modeling of the western Uinta ice field, Uinta Mountains, Utah. Quaternary Research, 2008, 69, 130-144.	1.7	51
69	Shallow and deep crustal control on differentiation of calc-alkaline and tholeiitic magma. Earth and Planetary Science Letters, 2009, 285, 75-86.	4.4	51
70	Volcanic biotite-sanidine 40Ar/39Ar age discordances reflect Ar partitioning and pre-eruption closure in biotite. Geology, 2010, 38, 923-926.	4.4	51
71	Multiple Brunhes Chron excursions recorded in the West Eifel (Germany) volcanics: Support for long-held mantle control over the non-axial dipole field. Physics of the Earth and Planetary Interiors, 2008, 169, 28-40.	1.9	49
72	Pleistocene to Holocene Growth of a Large Upper Crustal Rhyolitic Magma Reservoir beneath the Active Laguna del Maule Volcanic Field, Central Chile. Journal of Petrology, 2017, 58, 85-114.	2.8	49

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73	Early Eocene carbon isotope excursions and landscape destabilization at eccentricity minima: Green River Formation of Wyoming. Earth and Planetary Science Letters, 2014, 403, 393-406.	4.4	48
74	Inherited argon in a Pleistocene andesite lava: 40Ar/39Ar incremental-heating and laser-fusion analyses of plagioclase. Geology, 1998, 26, 427.	4.4	44
75	40Ar/39Ar evidence for early deglaciation of the central Chilean Andes. Geophysical Research Letters, 2000, 27, 1663-1666.	4.0	44
76	Rapid magma ascent and generation of 230Th excesses in the lower crust at Puyehueâ€“CordÃ³n Caulle, Southern Volcanic Zone, Chile. Earth and Planetary Science Letters, 2007, 255, 229-242.	4.4	44
77	Arid climate 2.5 Ma in the Plio-Pleistocene Valdarno Basin (Northern Apennines, Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 207, 37-57.	2.3	43
78	The timing of compositionally-zoned magma reservoirs and mafic â€˜primingâ€™ weeks before the 1912 Novarupta-Katmai rhyolite eruption. Earth and Planetary Science Letters, 2016, 451, 125-137.	4.4	43
79	Midâ€Pleistocene basalt from the Seguam Volcanic Center, central Aleutian Arc, Alaska: Local lithospheric structures and source variability in the Aleutian Arc. Journal of Geophysical Research, 1992, 97, 4561-4578.	3.3	41
80	Contrasting timescales of crystallization and magma storage beneath the Aleutian Island arc. Earth and Planetary Science Letters, 2005, 236, 195-210.	4.4	40
81	40Ar/39Ar dating links Albuquerque Volcanoes to the Pringle Falls excursion and the Geomagnetic Instability Time Scale. Earth and Planetary Science Letters, 2008, 267, 584-595.	4.4	40
82	Miocene exhumation of the Pamir revealed by detrital geothermochronology of Tajik rivers. Tectonics, 2012, 31, .	2.8	40
83	Precise ages of the RÃ©union event and Huckleberry Ridge excursion: Episodic clustering of geomagnetic instabilities and the dynamics of flow within the outer core. Earth and Planetary Science Letters, 2014, 405, 25-38.	4.4	40
84	Matuyama-Brunhes transition recorded in lava flows of the Chilean Andes: Evidence for dipolar fields during reversals. Geology, 1994, 22, 299-302.	4.4	38
85	Geomorphic expression of rapid Holocene silicic magma reservoir growth beneath Laguna del Maule, Chile. Science Advances, 2018, 4, eaat1513.	10.3	38
86	New age for the SkÃ¡lamÃ¦lifell excursion and identification of a global geomagnetic event in the late Brunhes chron. Earth and Planetary Science Letters, 2011, 310, 509-517.	4.4	37
87	Paleomagnetic directions and40Ar/39Ar ages from the Tatara-San Pedro volcanic complex, Chilean Andes: Lava record of a Matuyama-Brunhes precursor?. Journal of Geophysical Research, 2004, 109, .	3.3	34
88	High-resolution calibration of Eocene strata: 40Ar/39Ar geochronology of biotite in the Green River Formation. Geology, 2006, 34, 393.	4.4	34
89	Refining the Quaternary Geomagnetic Instability Time Scale (GITS): Lava flow recordings of the Blake and Post-Blake excursions. Quaternary Geochronology, 2014, 21, 16-28.	1.4	33
90	TEMPORAL EVOLUTION OF ARC MAGMATISM AND HYDROTHERMAL ACTIVITY, INCLUDING EPITHERMAL GOLD VEINS, BOROVITSA CALDERA, SOUTHERN BULGARIA. Economic Geology, 2000, 95, 1155-1164.	3.8	32

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91	Paleomagnetism and40Ar/39Ar Chronology of Lavas from Meseta del Lago Buenos Aires, Patagonia. Geochemistry, Geophysics, Geosystems, 2004, 5, n/a-n/a.	2.5	32
92	The Kamikatsura event and the Matuyamaâ€“Brunhes reversal recorded in lavas from TjÃ¶rnes Peninsula, northern Iceland. Earth and Planetary Science Letters, 2011, 310, 33-44.	4.4	32
93	Australasian impact crater buried under the Bolaven volcanic field, Southern Laos. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1346-1353.	7.1	32
94	Intra-arc extension and magmatic evolution in the central Aleutian arc, Alaska. Geology, 1990, 18, 1050.	4.4	31
95	Geomagnetic field excursion recorded 17â€‰ka at Tianchi Volcano, China: New ⁴⁰Ar/³⁹Ar age and significance. Geophysical Research Letters, 2014, 41, 2794-2802.	4.0	31
96	Magma Reservoir Below Laguna del Maule Volcanic Field, Chile, Imaged With Surfaceâ€Wave Tomography. Journal of Geophysical Research: Solid Earth, 2019, 124, 2858-2872.	3.4	31
97	Early Eocene40Ar/39Ar Age for the Pampa de Jones plant, Frog, and Insect Biota (Huitrera Formation,) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	30
98	Petrochronologic perspective on rhyolite volcano unrest at Laguna del Maule, Chile. Earth and Planetary Science Letters, 2018, 493, 57-70.	4.4	29
99	The thermal history of ascending magma diapirs and the thermal and physical evolution of magmatic conduits. Journal of Volcanology and Geothermal Research, 1989, 37, 273-289.	2.1	28
100	Hinterland drainage closure and lake formation in response to middle Eocene Farallon slab removal, Nevada, U.S.A.. Earth and Planetary Science Letters, 2017, 479, 156-169.	4.4	28
101	Magnetic Source Separation in Earth's Outer Core. Science, 2008, 321, 1800-1800.	12.6	27
102	10 k.y. depositional cyclicity in the early Eocene: Stratigraphic and 40Ar/39Ar evidence from the lacustrine Green River Formation. Geology, 2003, 31, 593.	4.4	26
103	Discriminating assimilants and decoupling deep- vs. shallow-level crystal records at Mount Adams using 238Uâ€“230Th disequilibria and Os isotopes. Earth and Planetary Science Letters, 2009, 277, 38-49.	4.4	26
104	Reconciling discrepant chronologies for the geomagnetic excursion in the Mono Basin, California: Insights from new 40Ar/39Ar dating experiments and a revised relative paleointensity correlation. Quaternary Geochronology, 2010, 5, 533-543.	1.4	26
105	Chronology of latest Pleistocene mountain glaciation in the western Wasatch Mountains, Utah, U.S.A.. Quaternary Research, 2011, 76, 272-284.	1.7	26
106	Time-stratigraphy in point sourced river deltas: Application to sediment budgets, shelf construction, and paleo-storm records. Earth-Science Reviews, 2019, 199, 102985.	9.1	26
107	The Puelche Volcanic Field: extensive Pleistocene rhyolite lava flows in the Andes of central Chile. Andean Geology, 1999, 26, .	0.5	26
108	Plio-Pleistocene time-averaged field in southern Patagonia recorded in lava flows. Geochemistry, Geophysics, Geosystems, 2004, 5, .	2.5	25

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109	40Ar/39Ar geochronology constraints on the Middle Tertiary basement extensional exhumation, and its relation to ore-forming and magmatic processes in the Eastern Rhodope (Bulgaria). Geodinamica Acta, 2006, 19, 267-282.	2.2	25
110	Geology and 40Ar/39Ar geochronology of the medium- to high-K Tanaga volcanic cluster, western Aleutians. Bulletin of the Geological Society of America, 2012, 124, 842-856.	3.3	25
111	40Ar/39Ar chronology and paleomagnetism of Quaternary basaltic lavas from the PerÅŸani Mountains (East Carpathians). Physics of the Earth and Planetary Interiors, 2013, 221, 1-14.	1.9	25
112	Age of Cu(-Fe)-Au mineralization and thermal evolution of the Punta del Cobre district, Chile. Mineralium Deposita, 1997, 32, 531-546.	4.1	24
113	Northern Hemisphere forcing of the last deglaciation in southern Patagonia. Geology, 2012, 40, 631-634.	4.4	24
114	Correlation of ignimbrites using characteristic remanent magnetization and anisotropy of magnetic susceptibility, Central Andes, Bolivia. Geochemistry, Geophysics, Geosystems, 2013, 14, 141-157.	2.5	24
115	Age, origin, and significance of brittle faulting and pseudotachylyte along the Coast shear zone, Prince Rupert, British Columbia. Geology, 2003, 31, 43.	4.4	23
116	Precise dating of biotite in distal volcanic ash: Isolating subtle alteration using 40Ar/39Ar laser incremental heating and electron microprobe techniques. American Mineralogist, 2008, 93, 784-795.	1.9	23
117	Tracking Open-system Differentiation during Growth of Santa MarÃa Volcano, Guatemala. Journal of Petrology, 2011, 52, 2335-2363.	2.8	23
118	⁴⁰Ar/³⁹Ar chronostratigraphy of late Mioceneâ€“early Pliocene continental aquatic basins in SE Galilee, Israel. Bulletin of the Geological Society of America, 2016, 128, 1383-1402.	3.3	23
119	Holocene tephra succession of Puyehue-CordÃ³n Caulle and Antillanca/Casablanca volcanic complexes, southern Andes (40â€“41Â°S). Journal of Volcanology and Geothermal Research, 2017, 332, 109-128.	2.1	23
120	Regional chronostratigraphic synthesis of the Cenomanian-Turonian Oceanic Anoxic Event 2 (OAE2) interval, Western Interior Basin (USA): New Re-Os chemostratigraphy and 40Ar/39Ar geochronology. Bulletin of the Geological Society of America, 2021, 133, 1090-1104.	3.3	23
121	⁴⁰Ar/³⁹Ar geochronology of submarine Mauna Loa volcano, Hawaii. Journal of Geophysical Research, 2012, 117, .	3.3	22
122	Repeated Rhyolite Eruption From Heterogeneous Hot Zones Embedded Within a Cool, Shallow Magma Reservoir. Journal of Geophysical Research: Solid Earth, 2019, 124, 2582-2600.	3.4	22
123	Structure, geochemistry and geochronology of a Penokean Lamprophyre Dike Swarm, Archean Wawa Terrane, Little Presque Isle, Michigan, USA. Precambrian Research, 2007, 157, 50-70.	2.7	21
124	40Ar/39Ar Geochronology of Subaerial Ascension Island and a Re-evaluation of the Temporal Progression of Basaltic to Rhyolitic Volcanism. Journal of Petrology, 2013, 54, 2581-2596.	2.8	20
125	Magmatic Na-rich phlogopite in a suite of gabbroic crustal xenoliths from VolcÃ¡n San Pedro, Chilean Andes: Evidence for a solvus relation between phlogopite and aspidolite. American Mineralogist, 2001, 86, 29-35.	1.9	18
126	⁴⁰Ar/³⁹Ar chronology of Late Pliocene and Early Pleistocene geomagnetic and glacial events in southern Argentina. Geophysical Monograph Series, 0, , 175-190.	0.1	18

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127	Interpreting Granitic Fabrics in Terms of Rhyolitic Melt Segregation, Accumulation, and Escape Via Tectonic Filter Pressing in the Huemul Pluton, Chile. Journal of Geophysical Research: Solid Earth, 2018, 123, 8548-8567.	3.4	18
128	Early Mesoproterozoic evolution of midcontinental Laurentia: Defining the geon 14 Baraboo orogeny. Geoscience Frontiers, 2021, 12, 101174.	8.4	18
129	Assimilation-fractional crystallization of Polvadera Group rocks in the northwestern Jemez Volcanic Field, New Mexico. Contributions To Mineralogy and Petrology, 1986, 94, 374-386.	3.1	17
130	40Ar/39Ar and paleomagnetic constraints on the evolution of Volcan de Santa Maria, Guatemala. Bulletin of the Geological Society of America, 2010, 122, 757-771.	3.3	17
131	Regionally Recurrent Paleomagnetic Transitional Fields and Mantle Processes. Geophysical Monograph Series, 0, , 233-243.	0.1	17
132	Oxygen isotope constraints on the petrogenesis of Aleutian arc magmas. Geology, 1992, 20, 367.	4.4	16
133	Cryptochron C2r.2r-1 recorded 2.51ÂMa in the Koolau Volcano at Halawa, Oahu, Hawaii, USA: Paleomagnetic and 40Ar/39Ar evidence. Earth and Planetary Science Letters, 2007, 254, 256-271.	4.4	16
134	Volcanologic and petrologic evolution of Antuco-Sierra Velluda, Southern Andes, Chile. Journal of Volcanology and Geothermal Research, 2018, 349, 392-408.	2.1	16
135	Stability of mantle control over dynamo flux since the mid-Cenozoic. Physics of the Earth and Planetary Interiors, 2008, 169, 20-27.	1.9	14
136	The Incapillo Caldera and Dome Complex (â¼28Â° S, Central Andes): A stranded magma chamber over a dying arc. Journal of Volcanology and Geothermal Research, 2009, 184, 389-404.	2.1	14
137	Late-stage volcano geomorphic evolution of the Pleistocene San Francisco Mountain, Arizona (USA), based on high-resolution DEM analysis and 40Ar/39Ar chronology. Bulletin of Volcanology, 2010, 72, 833-846.	3.0	14
138	More stable yet bimodal geodynamo during the Cretaceous superchron?. Geophysical Research Letters, 2016, 43, 6170-6177.	4.0	14
139	Transient rhyolite melt extraction to produce a shallow granitic pluton. Science Advances, 2021, 7, .	10.3	14
140	40Ar/39Ar geochronology of magmatism and hydrothermal activity of the Madjarovo base-precious metal ore district, eastern Rhodopes, Bulgaria. Geological Society Special Publication, 2002, 204, 137-150.	1.3	13
141	40Ar/39Ar geochronology and provenance of detrital K-feldspars, Ordovician, Upper Mississippi Valley. Sedimentary Geology, 2005, 182, 163-181.	2.1	13
142	Chronology of the Last Glacial Maximum in the Upper Bear River Basin, Utah. Arctic, Antarctic, and Alpine Research, 2007, 39, 537-548.	1.1	13
143	Two Paleoproterozoic (Statherian) siliciclastic metasedimentary sequences in central Wisconsin: The end of the Penokean Orogeny and cratonic stabilization of the southern Lake Superior region. Precambrian Research, 2007, 157, 188-202.	2.7	13
144	A time like our own? Radioisotopic calibration of the Ordovician greenhouse to icehouse transition. Earth and Planetary Science Letters, 2011, 311, 364-374.	4.4	13

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