Simon P. Kelley

List of Publications by Year
in descending order

181	14,054	18482 62	22166 113
papers	citations	h-index	g-index

187	187	187	8190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interpreting and reporting 40Ar/39Ar geochronologic data. Bulletin of the Geological Society of America, 2021, 133, 461-487.	3.3	102
2	Expanding the toolbox for dating basaltic lava sequences: 40Arâ€“39Ar dating of silicic volcanic glass from interbeds. Journal of the Geological Society, 2021, 178, jgs2019-207.	2.1	0
3	The Boltysh impact structure: An early Danian impact event during recovery from the K-Pg mass extinction. Science Advances, 2021, 7, .	10.3	8
4	Recycling of heavy noble gases by subduction of serpentinite. Earth and Planetary Science Letters, 2019, 521, 120-127.	4.4	12
5	Recycling argon through metamorphic reactions: The record in symplectites. Lithos, 2018, 300-301, 200-211.	1.4	14
6	New ⁴⁰ Ar/ ³⁹ Ar dating of the Antrim Plateau Volcanics, Australia: clarifying an age for the eruptive phase of the Kalkarindji continental flood basalt province. Journal of the Geological Society, 2018, 175, 974-985.	2.1	5
7	Centennial to decadal vegetation community changes linked to orbital and solar forcing during the Dan-C2 hyperthermal event. Journal of the Geological Society, 2017, 174, 1019-1030.	2.1	1
8	Argon redistribution during a metamorphic cycle: Consequences for determining cooling rates. Chemical Geology, 2016, 443, 182-197.	3.3	17
9	Fluids during diagenesis and sulfate vein formation in sediments at Gale crater, Mars. Meteoritics and Planetary Science, 2016, 51, 2175-2202.	1.6	50
10	Gondwana break-up related magmatism in the Falkland Islands. Journal of the Geological Society, 2016, 173, 108-126.	2.1	25
11	Tracking the provenance of Greenland-sourced, Holocene aged, individual sand-sized ice-rafted debris using the Pb-isotope compositions of feldspars and 40 Ar/ 39 Ar ages of hornblendes. Earth and Planetary Science Letters, 2016, 433, 192-203.	4.4	30
12	Long-term resilience decline in plant ecosystems across the Danian Dan-C2 hyperthermal event, Boltysh crater, Ukraine. Journal of the Geological Society, 2015, 172, 491-498.	2.1	6
13	Argon behaviour in an inverted Barrovian sequence, Sikkim Himalaya: The consequences of temperature and timescale on 40 Ar/ 39 Ar mica geochronology. Lithos, 2015, 238, 37-51.	1.4	27
14	Light noble gas dissolution into ring structure-bearing materials and lattice influences on noble gas recycling. Geochimica Et Cosmochimica Acta, 2015, 159, 1-15.	3.9	27
15	40Ar/39Ar ages and residual volatile contents in degassed subaerial and subglacial glassy volcanic rocks from Iceland. Chemical Geology, 2015, 403, 99-110.	3.3	18
16	Minerals (40Arâ€“39Ar). Encyclopedia of Earth Sciences Series, 2015, , 569-573.	0.1	0
17	Minerals, (40Ar-39Ar). , 2014, , 1-8.		0
18	A laser probe ⁴⁰ Ar/ ³⁹ Ar investigation of poikilitic shergottite NWA 4797: implications for the timing of shock metamorphism. Geological Society Special Publication, 2014, 378, 317-332.	1.3	6

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19	Observation of centimetre-scale argon diffusion in alkali feldspars: implications for ⁴⁰ Ar/ ³⁹ Ar thermochronology. Geological Society Special Publication, 2014, 378, 265-275.	1.3	10
20	Ar diffusion and solubility measurements in plagioclases using the ultra-violet laser depth-profiling technique. Geological Society Special Publication, 2014, 378, 137-154.	1.3	6
21	The early Danian hyperthermal event at Boltysh (Ukraine): Relation to Cretaceous-Paleogene boundary events. , 2014, , .		7
22	Constraints on light noble gas partitioning at the conditions of spinel-peridotite melting. Earth and Planetary Science Letters, 2013, 384, 178-187.	4.4	29
23	Helium in Earthâ€™s early core. Nature Geoscience, 2013, 6, 982-986.	12.9	51
24	Textural characterization, major and volatile element quantification and Arâ€“Ar systematics of spherulites in the Rocche Rosse obsidian flow, Lipari, Aeolian Islands: a temperature continuum growth model. Contributions To Mineralogy and Petrology, 2013, 165, 373-395.	3.1	21
25	An overview of noble gas (He, Ne, Ar, Xe) contents and isotope signals in terrestrial diamond. Earth-Science Reviews, 2013, 126, 235-249.	9.1	9
26	Short lived 36Cl and its decay products 36Ar and 36S in the early solar system. Geochimica Et Cosmochimica Acta, 2013, 123, 358-367.	3.9	10
27	Disturbance to the 40Ar/39Ar system in feldspars by electron and ion beam irradiation. Chemical Geology, 2013, 355, 1-12.	3.3	6
28	Quantifying noble gas contamination during terrestrial alteration in Martian meteorites from Antarctica. Meteoritics and Planetary Science, 2013, 48, 929-954.	1.6	9
29	Noble gas transport into the mantle facilitated by high solubility in amphibole. Nature Geoscience, 2013, 6, 562-565.	12.9	51
30	Climatic oscillations stall vegetation recovery from K/Pg event devastation. Journal of the Geological Society, 2013, 170, 477-482.	2.1	11
31	A high-resolution nonmarine record of an early Danian hyperthermal event, Boltysh crater, Ukraine. Geology, 2013, 41, 783-786.	4.4	21
32	nQuire for the OpenScience Lab: Supporting Communities of Inquiry Learning. Lecture Notes in Computer Science, 2013, , 585-588.	1.3	0
33	Synkinematic emplacement of Lassiter Coast Intrusive Suite plutons during the Palmer Land Event: evidence for mid-Cretaceous sinistral transpression at the Beaumont Glacier in eastern Palmer Land. Journal of the Geological Society, 2012, 169, 759-771.	2.1	8
34	Cryptic microtextures and geological histories of K-rich alkali feldspars revealed by charge contrast imaging. Contributions To Mineralogy and Petrology, 2012, 163, 983-994.	3.1	9
35	High temperature strontium stable isotope behaviour in the early solar system and planetary bodies. Earth and Planetary Science Letters, 2012, 329-330, 31-40.	4.4	72
36	When can muscovite 40Ar/39Ar dating constrain the timing of metamorphic exhumation?. Chemical Geology, 2012, 291, 79-86.	3.3	102

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37	Retention of inherited Ar by alkali feldspar xenocrysts in a magma: Kinetic constraints from Ba zoning profiles. Geochimica Et Cosmochimica Acta, 2012, 93, 129-142.	3.9	17
38	Metamorphic rocks seek meaningful cooling rate: Interpreting 40Ar/39Ar ages in an exhumed ultra-high pressure terrane. Lithos, 2012, 155, 30-48.	1.4	50
39	Using white mica ⁴⁰Ar/³⁹Ar data as a tracer for fluid flow and permeability under highâ€P conditions: Tauern Window, Eastern Alps. Journal of Metamorphic Geology, 2012, 30, 63-80.	3.4	34
40	Response to Baksi, A., 2012, â€˜New 40Ar/39Ar dating of the Grande Ronde lavas, Columbia River Basalts, USA: Implications for duration of flood basalt eruption episodesâ€™ by Barry et al., 2010â€”Discussionâ€™. Lithos, 2012, 146-147, 300-303.	1.4	2
41	Partitioning of excess argon between alkali feldspars and glass in a young volcanic system. Chemical Geology, 2011, 289, 12-30.	3.3	13
42	Mineralogy, geochemistry, and 40Arâ€“39Ar geochronology of lunar granulitic breccia Northwest Africa 3163 and paired stones: Comparisons with Apollo samples. Geochimica Et Cosmochimica Acta, 2011, 75, 2865-2881.	3.9	23
43	Interpreting high-pressure phengite 40Ar/39Ar laserprobe ages: an example from Saih Hatat, NE Oman. Contributions To Mineralogy and Petrology, 2011, 161, 991-1009.	3.1	52
44	The role of the virtual microscope in distance learning. Open Learning, 2011, 26, 127-134.	4.0	9
45	Ignimbrite stratigraphy and chronology on Terceira Island, Azores. , 2010, , .		17
46	New 40Ar/39Ar dating of the Grande Ronde lavas, Columbia River Basalts, USA: Implications for duration of flood basalt eruption episodes. Lithos, 2010, 118, 213-222.	1.4	81
47	Two large meteorite impacts at the Cretaceous-Paleogene boundary. Geology, 2010, 38, 835-838.	4.4	40
48	Causes and effects of geochemical variations in late Cenozoic volcanism of the FoÃ§a volcanic centre, NW Anatolia, Turkey. International Geology Review, 2010, 52, 579-607.	2.1	38
49	40Ar/39Ar dating of oil generation and migration at complex continental margins. Geology, 2010, 38, 75-78.	4.4	27
50	Tectonic setting and timing of the final Deccan flood basalt eruptions. Geology, 2010, 38, 839-842.	4.4	100
51	Chronology and shock history of the Bencubbin meteorite: A nitrogen, noble gas, and Arâ€“Ar investigation of silicates, metal and fluid inclusions. Geochimica Et Cosmochimica Acta, 2010, 74, 6636-6653.	3.9	17
52	Two diffusion pathways in quartz: A combined UV-laser and RBS study. Geochimica Et Cosmochimica Acta, 2010, 74, 5906-5925.	3.9	23
53	The significance of the contemporaneous Logoisk impact structure (Belarus) and Afro-Arabian flood volcanism. Journal of the Geological Society, 2009, 166, 5-8.	2.1	6
54	In situ radiometric dating on Mars: Investigation of the feasibility of K-Ar dating using flight-type mass and X-ray spectrometers. Planetary and Space Science, 2009, 57, 1237-1245.	1.7	24

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55	The use of heavy mineral correlation for determining the source of impact ejecta: A Manicouagan distal ejecta case study. Earth and Planetary Science Letters, 2009, 285, 163-172.	4.4	21
56	Late Palaeozoic hydrocarbon migration through the Clair field, West of Shetland, UK Atlantic margin. Geochimica Et Cosmochimica Acta, 2008, 72, 2510-2533.	3.9	24
57	Arâ€“Ar dating of authigenic K-feldspar: Quantitative modelling of radiogenic argon-loss through subgrain boundary networks. Geochimica Et Cosmochimica Acta, 2008, 72, 2695-2710.	3.9	34
58	A laser probe 40Ar/39Ar and INAA investigation of four Apollo granulitic breccias. Geochimica Et Cosmochimica Acta, 2008, 72, 5781-5798.	3.9	34
59	Isotopic and petrographic evidence for young Martian basalts. Geochimica Et Cosmochimica Acta, 2008, 72, 5819-5837.	3.9	41
60	Argon solubility drop in silicate melts at high pressures: A review of recent experiments. Chemical Geology, 2008, 256, 252-258.	3.3	28
61	Excess argon (40ArE) uptake during slate formation: A 40Ar/39Ar UV laserprobe study of muscovite strain-fringes from the Palaeozoic Welsh Basin, UK. Chemical Geology, 2008, 257, 203-217.	3.3	5
62	The geochronology of large igneous provinces, terrestrial impact craters, and their relationship to mass extinctions on Earth. Journal of the Geological Society, 2007, 164, 923-936.	2.1	39
63	Resolution of regional fluid flow related to successive orogenic events on the Laurentian margin. Geology, 2007, 35, 547.	4.4	20
64	Shock implantation of Martian atmospheric argon in four basaltic shergottites: A laser probe 40Ar/39Ar investigation. Geochimica Et Cosmochimica Acta, 2007, 71, 497-520.	3.9	36
65	Crystalâ€“melt partitioning of noble gases (helium, neon, argon, krypton, and xenon) for olivine and clinopyroxene. Geochimica Et Cosmochimica Acta, 2007, 71, 1041-1061.	3.9	162
66	Early Miocene continental subduction and rapid exhumation in the western Mediterranean. Geology, 2006, 34, 981.	4.4	133
67	Temperatureâ€“compositionâ€“time (Tâ€“Xâ€“t) data from authigenic K-feldspar: An integrated methodology for dating fluid flow events. Journal of Geochemical Exploration, 2006, 89, 259-262.	3.2	15
68	An 40Arâ€“39Ar laser-probe study of pseudotachylites in charnockite gneisses from the Cauvery Shear Zone system, South India. Gondwana Research, 2006, 10, 357-362.	6.0	8
69	Sediments and Impact Rocks Filling the Boltysh Impact Crater. , 2006, , 335-358.		16
70	Timing of tectonic events in the AlpujÃ¡rride Complex, Betic Cordillera, southern Spain. Journal of the Geological Society, 2005, 162, 451-462.	2.1	113
71	Compositional controls on 40Ar/39Ar ages of zoned mica from a rare-element pegmatite. Contributions To Mineralogy and Petrology, 2005, 149, 613-626.	3.1	12
72	Estimates of Ar diffusion and solubility in leucite and nepheline: Electron microprobe imaging of Ar distribution in a mineral. American Mineralogist, 2005, 90, 954-962.	1.9	8

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73	Evolution of a volcanic rifted margin: Southern Red Sea, Ethiopia. Bulletin of the Geological Society of America, 2005, 117, 846.	3.3	209
74	Re-evaluating the age of the Haughton impact event. Meteoritics and Planetary Science, 2005, 40, 1777-1787.	1.6	34
75	Laser argon dating of melt breccias from the Siljan impact structure, Sweden: Implications for a possible relationship to Late Devonian extinction events. Meteoritics and Planetary Science, 2005, 40, 591-607.	1.6	74
76	Dating of Multistage Fluid Flow in Sandstones. Science, 2005, 309, 2048-2051.	12.6	60
77	A high resolution record of multiple diagenetic events: Ultraviolet laser microprobe Ar/Ar analysis of zoned K-feldspar overgrowths. Earth and Planetary Science Letters, 2005, 238, 329-341.	4.4	33
78	Radiogenic isotope records of Quaternary glaciations: Changes in the erosional source and weathering processes. Geology, 2004, 32, 861.	4.4	15
79	Syngenetic inclusions of yimengite in diamond from Sese kimberlite (Zimbabwe) â€" evidence for metasomatic conditions of growth. Lithos, 2004, 77, 181-192.	1.4	28
80	U-Pb columbite-tantalite chronology of rare-element pegmatites using TIMS and Laser Ablation-Multi Collector-ICP-MS. Contributions To Mineralogy and Petrology, 2004, 147, 549-564.	3.1	61
81	Nature of the Source Regions for Post-collisional, Potassic Magmatism in Southern and Northern Tibet from Geochemical Variations and Inverse Trace Element Modelling. Journal of Petrology, 2004, 45, 555-607.	2.8	309
82	Extensive impact melting on the H-chondrite parent asteroid during the cataclysmic bombardment of the early solar system: Evidence from the achondritic meteorite Dar al Gani 896. Geochimica Et Cosmochimica Acta, 2004, 68, 2379-2397.	3.9	38
83	40Arâ€“39Ar dating of detrital muscovite in provenance investigations: a case study from the Adelaide Rift Complex, South Australia. Earth and Planetary Science Letters, 2004, 227, 297-311.	4.4	46
84	Causes and consequences of protracted melting of the mid-crust exposed in the North Himalayan antiform. Earth and Planetary Science Letters, 2004, 228, 195-212.	4.4	283
85	A granite?gabbro complex from Madagascar: constraints on melting of the lower crust. Contributions To Mineralogy and Petrology, 2003, 145, 585-599.	3.1	32
86	Thinning of the Antarctic Peninsula lithosphere through the Mesozoic: evidence from Middle Jurassic basaltic lavas. Lithos, 2003, 67, 163-179.	1.4	22
87	Constant elevation of southern Tibet over the past 15 million years. Nature, 2003, 421, 622-624.	27.8	564
88	The â€˜zero chargeâ€™ partitioning behaviour of noble gases during mantle melting. Nature, 2003, 423, 738-741.	27.8	107
89	Precise dating of low-temperature deformation: Strain-fringe analysis by 40Ar-39Ar laser microprobe. Geology, 2003, 31, 219.	4.4	50
90	Kinematic reworking and exhumation within the convergent Alpine Orogen. Tectonophysics, 2003, 365, 77-102.	2.2	96

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91	Early Proterozoic Melt Generation Processes beneath the Intra-cratonic Cuddapah Basin, Southern India. Journal of Petrology, 2003, 44, 2139-2171.	2.8	149
92	⁴⁰ Ar/ ³⁹ Ar ages in mantle xenolith phlogopites: determining the ages of multiple lithospheric mantle events and diatreme ascent rates in southern Africa and Malaita, Solomon Islands. Geological Society Special Publication, 2003, 220, 231-248.	1.3	14
93	Simultaneous extensional exhumation across the Alboran Basin: Implications for the causes of late orogenic extension. Geology, 2003, 31, 251.	4.4	158
94	Exhumation of the Ronda peridotite and its crustal envelope: constraints from thermal modelling of a P â€“ T â€“time array. Journal of the Geological Society, 2003, 160, 655-676.	2.1	101
95	Ejecta of the Boltysh Impact Crater in the Ukrainian Shield. Impact Studies, 2003, , 179-202.	0.5	13
96	A Possible Tektite Strewn Field in the Argentinian Pampa. Science, 2002, 296, 1109-1111.	12.6	21
97	Mid-Cretaceous ductile deformation on the Eastern Palmer Land Shear Zone, Antarctica, and implications for timing of Mesozoic terrane collision. Geological Magazine, 2002, 139, 465-471.	1.5	33
98	Age and environment of Mioceneâ€“Pliocene glaciomarine deposits, James Ross Island, Antarctica. Geological Magazine, 2002, 139, .	1.5	35
99	Fingerprinting polyorogenic detritus using the 40Ar/39Ar ultraviolet laser microprobe. Geology, 2002, 30, 515.	4.4	24
100	Paleogene time scale miscalibration: Evidence from the dating of the North Atlantic igneous province. Geology, 2002, 30, 7.	4.4	46
101	K-Ar and Ar-Ar Dating. Reviews in Mineralogy and Geochemistry, 2002, 47, 785-818.	4.8	102
102	Ar and K partitioning between clinopyroxene and silicate melt to 8 GPa. Geochimica Et Cosmochimica Acta, 2002, 66, 507-519.	3.9	58
103	Excess argon evolution in HPâ€“LT rocks: a UVLAMP study of phengite and K-free minerals, NW Turkey. Chemical Geology, 2002, 182, 619-636.	3.3	83
104	Excess argon in Kâ€“Ar and Arâ€“Ar geochronology. Chemical Geology, 2002, 188, 1-22.	3.3	378
105	Palaeoenvironment and ecology of the middle Cretaceous Grebenka flora of northeastern Asia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 184, 65-105.	2.3	85
106	New 207Pbâ€“206Pb and 40Arâ€“39Ar ages from SW Montana, USA: constraints on the Proterozoic and ArchÃ¦an tectonic and depositional history of the Wyoming Province. Precambrian Research, 2002, 117, 119-143.	2.7	35
107	Boltysh, another endâ€Cretaceous impact. Meteoritics and Planetary Science, 2002, 37, 1031-1043.	1.6	52
108	A Late Triassic Impact Ejecta Layer in Southwestern Britain. Science, 2002, 298, 2185-2188.	12.6	72

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109	Tectonic setting of primitive magmas in volcanic arcs: an example from the Antarctic Peninsula. Journal of the Geological Society, 2002, 159, 31-44.	2.1	64
110	17. K-Ar and Ar-Ar Dating. , 2002, , 785-818.		5
111	Dating fault-generated pseudotachylytes: comparison of 40Ar/39Ar stepwise-heating, laser-ablation and Rbâ€“Sr microsampling analyses. Contributions To Mineralogy and Petrology, 2002, 144, 57-77.	3.1	60
112	Magma flow regimes in sills deduced from Ar isotope systematics of host rocks. Journal of Geophysical Research, 2001, 106, 4017-4035.	3.3	15
113	Petrography, geochemistry, and argonâ€40/argonâ€39 ages of impactâ€melt rocks and breccias from the Ames impact structure, Oklahoma: The Nicor Chestnut 18â€4 drill core. Meteoritics and Planetary Science, 2001, 36, 651-669.	1.6	14
114	Obtaining geologically meaningful 40Arâ€“39Ar ages from altered biotite. Chemical Geology, 2001, 172, 277-290.	3.3	38
115	40Ar/39Ar study of plagioclases from the Rogaland anorthosite complex (SW Norway); an attempt to understand argon ages in plutonic plagioclase. Chemical Geology, 2001, 176, 105-135.	3.3	28
116	Age and composition of dikes in Southern Tibet: New constraints on the timing of east-west extension and its relationship to postcollisional volcanism. Geology, 2001, 29, 339.	4.4	345
117	Protracted felsic magmatic activity associated with the opening of the South Atlantic. Journal of the Geological Society, 2001, 158, 583-592.	2.1	42
118	Pleistocene glass in the Australian desert: The case for an impact origin. Geology, 2001, 29, 899.	4.4	24
119	40Ar/39Ar ages in deformed potassium feldspar: evidence of microstructural control on Ar isotope systematics. Contributions To Mineralogy and Petrology, 2001, 141, 186-200.	3.1	45
120	40Ar/39Ar hornblende dating of a microgranodiorite dyke: implications for early Permian extension in the Moldanubian Zone of the Bohemian Massif. International Journal of Earth Sciences, 2001, 90, 379-385.	1.8	10
121	Geochronological constraints on the evolution of the Periadriatic Fault System (Alps). International Journal of Earth Sciences, 2001, 90, 623-653.	1.8	121
122	Sedimentary record of explosive silicic volcanism in a Cretaceous deep-marine conglomerate succession, northern Antarctic Peninsula. Sedimentology, 2001, 47, 451-470.	3.1	6
123	Direct dating of authigenic K-feldspar overgrowths from the Kilombero Rift of Tanzania. Journal of the Geological Society, 2001, 158, 801-807.	2.1	28
124	Episodic Silicic Volcanism in Patagonia and the Antarctic Peninsula: Chronology of Magmatism Associated with the Break-up of Gondwana. Journal of Petrology, 2000, 41, 605-625.	2.8	444
125	Rift deflection, migration, and propagation: Linkage of the Ethiopian and Eastern rifts, Africa. Bulletin of the Geological Society of America, 2000, 112, 163-176.	3.3	211
126	Large clockwise rotations in an extensional allochthon, Alboran Domain (southern Spain). Journal of the Geological Society, 2000, 157, 1187-1197.	2.1	38

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127	Rapid Kimberlite Ascent and the Significance of Ar-Ar Ages in Xenolith Phlogopites. Science, 2000, 289, 609-611.	12.6	172
128	Mantle processes during Gondwana break-up and dispersal. Journal of African Earth Sciences, 1999, 28, 239-261.	2.0	138
129	40Ar-39Ar and Rb-Sr geochronology of high-pressure metamorphism and exhumation history of the Tavsanli Zone, NW Turkey. Contributions To Mineralogy and Petrology, 1999, 137, 46-58.	3.1	178
130	Direct measurement of Ar diffusion profiles in a gem-quality Madagascar K-feldspar using the ultra-violet laser ablation microprobe (UVLAMP). Earth and Planetary Science Letters, 1999, 170, 141-153.	4.4	100
131	The Strangways impact structure, Northern Territory, Australia: geological setting and laser probe 40Ar/39Ar geochronology. Earth and Planetary Science Letters, 1999, 172, 199-211.	4.4	20
132	Mafic dike swarms in the South Shetland Islands volcanic arc: Unravelling multiepisodic magmatism related to subduction and continental rifting. Journal of Geophysical Research, 1999, 104, 23051-23068.	3.3	38
133	New40Ar/39Ar dates for Cretaceous Chauna Group tephra, north-eastern Russia, and their implications for the geologic history and floral evolution of the North Pacific region. Cretaceous Research, 1999, 20, 97-106.	1.4	54
134	Mantle plumes and Antarctica-New Zealand rifting: evidence from mid-Cretaceous mafic dykes. Journal of the Geological Society, 1999, 156, 659-671.	2.1	136
135	Evidence for a late Triassic multiple impact event on Earth. Nature, 1998, 392, 171-173.	27.8	100
136	Rapid eruption of Skye lavas inferred from precise Uâ€“Pb and Arâ€“Ar dating of the Rum and Cuillin plutonic complexes. Nature, 1998, 394, 260-263.	27.8	132
137	Laser probe argonâ€40/argonâ€39 dating of pseudotachylyte from the Sudbury Structure: Evidence for postimpact thermal overprinting in the North Range. Meteoritics and Planetary Science, 1998, 33, 1259-1269.	1.6	31
138	Exhumation of blueschists along a Tethyan suture in northwest Turkey. Tectonophysics, 1998, 285, 275-299.	2.2	168
139	Preliminary UVLAMP determinations of argon partition coefficients for olivine and clinopyroxene grown from silicate melts. Chemical Geology, 1998, 147, 185-200.	3.3	41
140	A Lower Cretaceous, syn-extensional magmatic source for a linear belt of positive magnetic anomalies: the Pacific Margin Anomaly (PMA), western Palmer Land, Antarctica. Earth and Planetary Science Letters, 1998, 158, 143-155.	4.4	30
141	The thermal response of a metamorphic belt to extension: constraints from laser Ar data on metamorphic micas. Earth and Planetary Science Letters, 1998, 162, 153-164.	4.4	27
142	Thermal evolution, rate of exhumation, and tectonic significance of metamorphic rocks from the floor of the Alboran extensional basin, western Mediterranean. Tectonics, 1998, 17, 671-689.	2.8	184
143	Mineralogy and 40Ar/39Ar geochronology of orangeites (Group II kimberlites) from the Damodar Valley, eastern India. Mineralogical Magazine, 1998, 62, 313-323.	1.4	42
144	The Generation of Potassic Lavas from the Eastern Virunga Province, Rwanda. Journal of Petrology, 1998, 39, 1223-1247.	2.8	118

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145	Earliest magmatism in Ethiopia: Evidence for two mantle plumes in one flood basalt province. Geology, 1998, 26, 923.	4.4	303
146	A reassessment of the age of the Cockburn Island Formation, northern Antarctic Peninsula, and its palaeoclimatic implications. Journal of the Geological Society, 1998, 155, 737-740.	2.1	30
147	Title is missing!. Bulletin of the Geological Society of America, 1998, 110, 0422.	3.3	77
148	Argon behaviour in gem-quality orthoclase from Madagascar: Experiments and some consequences for geochronology. Geochimica Et Cosmochimica Acta, 1997, 61, 3227-3255.	3.9	49
149	Determination of high spatial resolution argon isotope variations in metamorphic biotites. Geochimica Et Cosmochimica Acta, 1997, 61, 3809-3833.	3.9	45
150	A late Triassic age for the Rochechouart impact structure, France. Meteoritics and Planetary Science, 1997, 32, 629-636.	1.6	43
151	A microstructural and argon laserprobe study of shear zone development at the western margin of the Nanga Parbat-Haramosh Massif, western Himalaya. Contributions To Mineralogy and Petrology, 1997, 128, 16-29.	3.1	45
152	3-D, 40Arî—¸39Ar geochronology in the ParanÃ¡ continental flood basalt province. Earth and Planetary Science Letters, 1996, 143, 95-109.	4.4	221
153	Post-collision, Shoshonitic Volcanism on the Tibetan Plateau: Implications for Convective Thinning of the Lithosphere and the Source of Ocean Island Basalts. Journal of Petrology, 1996, 37, 45-71.	2.8	897
154	Source of the Lachlan fold belt flysch linked to convective removal of the lithospheric mantle and rapid exhumation of the Delamerian-Ross fold belt. Geology, 1996, 24, 941.	4.4	92
155	Precise 40Ar/39Ar age for the initiation of Palaeogene volcanism in the Inner Hebrides and its regional significance. Journal of the Geological Society, 1996, 153, 815-818.	2.1	57
156	Assessing Ar transport paths and mechanisms in the McClure Mountains hornblende. Contributions To Mineralogy and Petrology, 1996, 126, 67-80.	3.1	77
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