

# T Mark Harrison

## List of Publications by Year in descending order

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143  
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27,556  
citations

8755

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13771

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146  
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146  
docs citations

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times ranked

9452  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Hadean Eon: Hot, Cold, or Just Right?. , 2021, , 206-210.		0
2	Pronounced and rapid exhumation of the Connecticut Valley Trough revealed through quartz in garnet Raman barometry and diffusion modelling of garnet dissolutionâ€“reprecipitation reactions. Journal of Metamorphic Geology, 2021, 39, 1045-1069.	3.4	10
3	Constraining crustal silica on ancient Earth. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21101-21107.	7.1	34
4	Hadean Earth. , 2020, , .		21
5	Could the Hadean Eon Have Been Habitable?. , 2020, , 217-248.		1
6	Models of Continental Growth and Destruction. , 2020, , 101-122.		0
7	Why Hadean?. , 2020, , 1-18.		1
8	Morpho- and Chemo-Fossil Evidence of Early Life. , 2020, , 249-272.		0
9	Hadean Jack Hills Zircon Geochemistry. , 2020, , 143-178.		1
10	Hadean Zircons Elsewhere in the Solar System. , 2020, , 179-193.		0
11	The Lunar Surface and Late Heavy Bombardment Concept. , 2020, , 59-100.		0
12	Radionuclide Produced Isotopic Variations in Mantle Rocks. , 2020, , 39-58.		0
13	Proposed Sources of Hadean Zircons. , 2020, , 195-216.		0
14	Plate Boundary Interactions Through Geologic History. , 2020, , 123-142.		3
15	<sup>238</sup> U/ <sup>235</sup> U measurement in single-zircon crystals: implications for the Hadean environment, magmatic differentiation and geochronology. Journal of Analytical Atomic Spectrometry, 2019, 34, 2035-2052.	3.0	19
16	Geochemical evidence for thin syn-collision crust and major crustal thickening between 45 and 32â€“Ma at the southern margin of Tibet. Gondwana Research, 2019, 73, 123-135.	6.0	37
17	Tracking chemical alteration in magmatic zircon using rare earth element abundances. Chemical Geology, 2019, 510, 56-71.	3.3	50
18	Stepwise chemical abrasionâ€“isotope dilutionâ€“thermal ionization mass spectrometry with trace element analysis of microfractured Hadean zircon. Geochronology, 2019, 1, 85-97.	2.5	4

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19	Mineral inclusion assemblage and detrital zircon provenance. <i>Chemical Geology</i> , 2018, 477, 151-160.	3.3	28
20	Potassic, high-silica Hadean crust. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6353-6356.	7.1	33
21	Hadean Zircon Petrochronology. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 329-363.	4.8	58
22	Aluminum in zircon as evidence for peraluminous and metaluminous melts from the Hadean to present. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1580-1593.	2.5	34
23	Applications of biotite inclusion composition to zircon provenance determination. <i>Earth and Planetary Science Letters</i> , 2017, 473, 237-246.	4.4	16
24	A model for meteoritic and lunar $^{40}\text{Ar}/^{39}\text{Ar}$ age spectra: Addressing the conundrum of multi-activation energies. <i>Earth and Planetary Science Letters</i> , 2016, 453, 267-275.	4.4	15
25	Recovering the primary geochemistry of Jack Hills zircons through quantitative estimates of chemical alteration. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 191, 187-202.	3.9	84
26	Illusory Late Heavy Bombardments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10802-10806.	7.1	95
27	Warm storage for arc magmas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13959-13964.	7.1	88
28	From the Hadean to the Himalaya: 4.4 Ga of felsic terrestrial magmatism. <i>American Mineralogist</i> , 2016, 101, 1348-1359.	1.9	23
29	Li zoning in zircon as a potential geospeedometer and peak temperature indicator. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	53
30	Comment on "Systematic variations of argon diffusion in feldspars and implications for thermochronometry" by Cassata and Renne. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 151, 168-171.	3.9	7
31	Potentially biogenic carbon preserved in a 4.1 billion-year-old zircon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14518-14521.	7.1	345
32	Distinguishing primary and secondary inclusion assemblages in Jack Hills zircons. <i>Lithos</i> , 2015, 234-235, 15-26.	1.4	55
33	Erosion in southern Tibet shut down at $\sim 10$ Ma due to enhanced rock uplift within the Himalaya. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12030-12035.	7.1	85
34	Zircon xenocrysts in Tibetan ultrapotassic magmas: Imaging the deep crust through time. <i>Geology</i> , 2014, 42, 43-46.	4.4	85
35	The multi-diffusion domain model: past, present and future. <i>Geological Society Special Publication</i> , 2014, 378, 91-106.	1.3	24
36	Late Cretaceous magmatism in Mamba area, central Lhasa subterrane: Products of back-arc extension of Neo-Tethyan Ocean?. <i>Gondwana Research</i> , 2014, 26, 505-520.	6.0	51

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37	Postcollisional potassic and ultrapotassic rocks in southern Tibet: Mantle and crustal origins in response to India-Asia collision and convergence. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 143, 207-231.	3.9	187
38	How Did Early Earth Become Our Modern World?. <i>Annual Review of Earth and Planetary Sciences</i> , 2014, 42, 151-178.	11.0	82
39	A meta-analysis of geochronologically relevant half-lives: what's the best decay constant?. <i>International Geology Review</i> , 2014, 56, 905-914.	2.1	15
40	Eoarchean crustal evolution of the Jack Hills zircon source and loss of Hadean crust. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 146, 27-42.	3.9	59
41	Effective closure temperature in leaky and/or saturating thermochronometers. <i>Earth and Planetary Science Letters</i> , 2013, 384, 209-218.	4.4	39
42	Zircon saturation re-revisited. <i>Chemical Geology</i> , 2013, 351, 324-334.	3.3	822
43	Post-Hadean transitions in Jack Hills zircon provenance: A signal of the Late Heavy Bombardment?. <i>Earth and Planetary Science Letters</i> , 2013, 364, 1-11.	4.4	44
44	Metamorphic replacement of mineral inclusions in detrital zircon from Jack Hills, Australia: Implications for the Hadean Earth: COMMENT. <i>Geology</i> , 2012, 40, e281-e281.	4.4	15
45	The origin of Eo- and Neo-himalayan granitoids, Eastern Tibet. <i>Journal of Asian Earth Sciences</i> , 2012, 58, 143-157.	2.3	60
46	A search for thermal excursions from ancient extraterrestrial impacts using Hadean zircon Ti-U-Th-Pb depth profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13486-13492.	7.1	40
47	Age and thermal history of Eo- and Neohimalayan granitoids, eastern Himalaya. <i>Journal of Asian Earth Sciences</i> , 2012, 51, 85-97.	2.3	47
48	Geochemical signatures and magmatic stability of terrestrial impact produced zircon. <i>Earth and Planetary Science Letters</i> , 2012, 321-322, 20-31.	4.4	53
49	Early Archean crustal evolution of the Jack Hills Zircon source terrane inferred from Lu-Hf, <sup>207</sup> Pb/ <sup>206</sup> Pb, and <sup>18</sup> O systematics of Jack Hills zircons. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4816-4829.	3.9	76
50	23. Applications of Diffusion Data to High-Temperature Earth Systems. , 2010, , 997-1038.		0
51	Constraints on Hadean geodynamics from mineral inclusions in <sup>4</sup> Ca zircons. <i>Earth and Planetary Science Letters</i> , 2010, 298, 367-376.	4.4	141
52	In situ <sup>40</sup> K- <sup>40</sup> Ca double-plus SIMS dating resolves Klokken feldspar <sup>40</sup> K- <sup>40</sup> Ar paradox. <i>Earth and Planetary Science Letters</i> , 2010, 299, 426-433.	4.4	29
53	The Kumaun and Garwhal Lesser Himalaya, India: Part 1. Structure and stratigraphy. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 1262-1280.	3.3	186
54	The Kumaun and Garwhal Lesser Himalaya, India: Part 2. Thermal and deformation histories. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 1281-1297.	3.3	108

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55	Mass-spectrometric mining of Hadean zircons by automated SHRIMP multi-collector and single-collector U/Pb zircon age dating: The first 100,000 grains. <i>International Journal of Mass Spectrometry</i> , 2009, 286, 53-63.	1.5	158
56	The Hadean Crust: Evidence from $^{4}\text{Ga}$ Zircons. <i>Annual Review of Earth and Planetary Sciences</i> , 2009, 37, 479-505.	11.0	341
57	Diffusion of $^{40}\text{Ar}$ in muscovite. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 1039-1051.	3.9	549
58	The leading edge of the Greater Himalayan Crystalline complex revealed in the NW Indian Himalaya: Implications for the evolution of the Himalayan orogen. <i>Geology</i> , 2009, 37, e189-e190.	4.4	1
59	Low heat flow inferred from $^{4}\text{Gyr}$ zircons suggests Hadean plate boundary interactions. <i>Nature</i> , 2008, 456, 493-496.	27.8	259
60	Early ( $\sim 4.5\text{Ga}$ ) formation of terrestrial crust: Lu-Hf, $^{18}\text{O}$ , and Ti thermometry results for Hadean zircons. <i>Earth and Planetary Science Letters</i> , 2008, 268, 476-486.	4.4	259
61	Evidence for Early ( $\sim 44\text{Ma}$ ) Himalayan Crustal Thickening, Tethyan Himalaya, southeastern Tibet. <i>Earth and Planetary Science Letters</i> , 2008, 274, 14-23.	4.4	288
62	Geochronologic constraints across the Main Central Thrust shear zone, Bhagirathi River (NW India): Implications for Himalayan tectonics. , 2007, , .		16
63	The leading edge of the Greater Himalayan Crystalline complex revealed in the NW Indian Himalaya: Implications for the evolution of the Himalayan orogen. <i>Geology</i> , 2007, 35, 955.	4.4	155
64	Temperature spectra of zircon crystallization in plutonic rocks. <i>Geology</i> , 2007, 35, 635.	4.4	253
65	High sensitivity mapping of Ti distributions in Hadean zircons. <i>Earth and Planetary Science Letters</i> , 2007, 261, 9-19.	4.4	106
66	Thermal events documented in Hadean zircons by ion microprobe depth profiles. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4044-4065.	3.9	64
67	Constraints on Hadean zircon protoliths from oxygen isotopes, Ti-thermometry, and rare earth elements. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	160
68	Did the Himalayan Crystallines extrude partially molten from beneath the Tibetan Plateau?. <i>Geological Society Special Publication</i> , 2006, 268, 237-254.	1.3	22
69	15. Continuous Thermal Histories from Inversion of Closure Profiles. , 2005, , 389-410.		1
70	Cretaceous-Tertiary shortening, basin development, and volcanism in central Tibet. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 865.	3.3	675
71	Nyainqentanglha Shan: A window into the tectonic, thermal, and geochemical evolution of the Lhasa block, southern Tibet. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	149
72	Extinct $^{244}\text{Pu}$ in Ancient Zircons. <i>Science</i> , 2004, 306, 89-91.	12.6	57

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73	Tectonic evolution of the northeastern Pamir: Constraints from the northern portion of the Cenozoic Kongur Shan extensional system, western China. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 953.	3.3	219
74	Prograde destruction and formation of monazite and allanite during contact and regional metamorphism of pelites: petrology and geochronology. <i>Contributions To Mineralogy and Petrology</i> , 2003, 145, 228-250.	3.1	331
75	Direct dating of left-lateral deformation along the Red River shear zone, China and Vietnam. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	279
76	Mesozoic and Cenozoic tectonic evolution of the Shiquanhe area of western Tibet. <i>Tectonics</i> , 2003, 22, n/a-n/a.	2.8	390
77	Two phases of Mesozoic north-south extension in the eastern Altyn Tagh range, northern Tibetan Plateau. <i>Tectonics</i> , 2003, 22, n/a-n/a.	2.8	102
78	Reconstruction of the Altyn Tagh fault based on U-Pb geochronology: Role of back thrusts, mantle sutures, and heterogeneous crustal strength in forming the Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	280
79	Tectonic evolution of the early Mesozoic blueschist-bearing Qiangtang metamorphic belt, central Tibet. <i>Tectonics</i> , 2003, 22, n/a-n/a.	2.8	351
80	Geochronologic and thermobarometric constraints on the evolution of the Main Central Thrust, central Nepal Himalaya. <i>Journal of Geophysical Research</i> , 2001, 106, 16177-16204.	3.3	281
81	Pressure-temperature-time path discontinuity in the Main Central thrust zone, central Nepal. <i>Geology</i> , 2001, 29, 571.	4.4	120
82	Oxygen-isotope evidence from ancient zircons for liquid water at the Earth's surface 4,300â€‰‰Myr ago. <i>Nature</i> , 2001, 409, 178-181.	27.8	747
83	Th-Pb ion-microprobe dating of allanite. <i>American Mineralogist</i> , 2000, 85, 633-648.	1.9	85
84	Geologic Evolution of the Himalayan-Tibetan Orogen. <i>Annual Review of Earth and Planetary Sciences</i> , 2000, 28, 211-280.	11.0	4,643
85	Carbon isotopic composition of individual Precambrian microfossils. <i>Geology</i> , 2000, 28, 707.	4.4	157
86	The Zedong Window: A record of superposed Tertiary convergence in southeastern Tibet. <i>Journal of Geophysical Research</i> , 2000, 105, 19211-19230.	3.3	196
87	Blueschist-bearing metamorphic core complexes in the Qiangtang block reveal deep crustal structure of northern Tibet. <i>Geology</i> , 2000, 28, 19.	4.4	306
88	Tertiary deformation history of southeastern and southwestern Tibet during the Indo-Asian collision. <i>Bulletin of the Geological Society of America</i> , 1999, 111, 1644.	3.3	271
89	Significant late Neogene east-west extension in northern Tibet. <i>Geology</i> , 1999, 27, 787.	4.4	137
90	Relationship between leucogranites and the Qomolangma detachment in the Rongbuk Valley, south Tibet. <i>Geology</i> , 1999, 27, 831.	4.4	151

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91	Monazite Th-Pb age depth profiling. <i>Geology</i> , 1999, 27, 487.	4.4	81
92	A model for the origin of Himalayan anatexis and inverted metamorphism. <i>Journal of Geophysical Research</i> , 1998, 103, 27017-27032.	3.3	268
93	The thermal history of the New York basement determined from $^{40}\text{Ar}/^{39}\text{Ar}$ K-feldspar studies. <i>Journal of Geophysical Research</i> , 1998, 103, 29795-29814.	3.3	26
94	New insights into the origin of two contrasting Himalayan granite belts. <i>Geology</i> , 1997, 25, 899.	4.4	202
95	Systematic analysis of K-feldspar step heating results: I. Significance of activation energy determinations. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 3171-3192.	3.9	177
96	A Late Miocene-Pliocene origin for the Central Himalayan inverted metamorphism. <i>Earth and Planetary Science Letters</i> , 1997, 146, E1-E7.	4.4	279
97	Prolonged residence times for the youngest rhyolites associated with Long Valley Caldera: $^{230}\text{Th}$ - $^{238}\text{U}$ ion microprobe dating of young zircons. <i>Earth and Planetary Science Letters</i> , 1997, 150, 27-39.	4.4	305
98	Thermal evolution and slip history of the Renbu Zedong Thrust, southeastern Tibet. <i>Journal of Geophysical Research</i> , 1997, 102, 2659-2679.	3.3	170
99	Comment on "Multipath Ar transport in K-feldspar deduced from isothermal heating experiments" by Igor Villa. <i>Earth and Planetary Science Letters</i> , 1996, 140, 281-283.	4.4	4
100	$^{40}\text{Ar}$ (super *) diffusion in Fe-rich biotite. <i>American Mineralogist</i> , 1996, 81, 940-951.	1.9	249
101	Late Miocene environmental change in Nepal and the northern Indian subcontinent: Stable isotopic evidence from paleosols. <i>Bulletin of the Geological Society of America</i> , 1995, 107, 1381-1397.	3.3	325
102	Thermal evolution of the Gangdese batholith, southern Tibet: A history of episodic unroofing. <i>Tectonics</i> , 1995, 14, 223-236.	2.8	165
103	Activation of the Nyainqentanghla Shear Zone: Implications for uplift of the southern Tibetan Plateau. <i>Tectonics</i> , 1995, 14, 658-676.	2.8	288
104	Tertiary structural evolution of the Gangdese Thrust System, southeastern Tibet. <i>Journal of Geophysical Research</i> , 1994, 99, 18175-18201.	3.3	340
105	A chlorine disinfectant for excess argon released from K-feldspar during step heating. <i>Earth and Planetary Science Letters</i> , 1994, 123, 95-104.	4.4	110
106	Thermal and unroofing history of the Lhasa area, Southern Tibet—evidence from apatite fission track thermochronology. <i>Nuclear Tracks and Radiation Measurements (1993)</i> , 1993, 21, 543-554.	0.1	23
107	Argon diffusion domains in K-feldspar I: microstructures in MH-10. <i>Contributions To Mineralogy and Petrology</i> , 1993, 113, 367-380.	3.1	72
108	Argon diffusion domains in K-feldspar II: kinetic properties of MH-10. <i>Contributions To Mineralogy and Petrology</i> , 1993, 113, 381-393.	3.1	77

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109	In vacuo crushing experiments and K-feldspar thermochronometry. Earth and Planetary Science Letters, 1993, 117, 169-180.	4.4	48
110	<sup>40</sup> Ar/ <sup>39</sup> Ar Geochronology of Post-Valles Caldera Rhyolites, Jemez Volcanic Field, New Mexico. Journal of Geophysical Research, 1993, 98, 8031-8051.	3.3	42
111	Structural, petrological and thermal evolution of a Tertiary ductile strike-slip shear zone, Diancang Shan, Yunnan. Journal of Geophysical Research, 1993, 98, 6715-6743.	3.3	258
112	Isotopic Preservation of Himalayan/Tibetan Uplift, Denudation, and Climatic Histories of Two Molasse Deposits. Journal of Geology, 1993, 101, 157-175.	1.4	188
113	Source region of a granite batholith: evidence from lower crustal xenoliths and inherited accessory minerals. Special Paper of the Geological Society of America, 1992, , 49-62.	0.5	8
114	Source region of a granite batholith: evidence from lower crustal xenoliths and inherited accessory minerals. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 1992, 83, 49-62.	0.3	27
115	An Early Miocene Transition in deformation regime within the Red River Fault Zone, Yunnan, And its significance for Indo-Asian tectonics. Journal of Geophysical Research, 1992, 97, 7159-7182.	3.3	163
116	The P-T-t history of blocks in serpentinite-matrix mélange, west-central Baja California. Bulletin of the Geological Society of America, 1992, 104, 18-31.	3.3	30
117	Tibetan tectonics from <sup>40</sup> Ar/ <sup>39</sup> Ar analysis of a single K-feldspar sample. Earth and Planetary Science Letters, 1991, 105, 266-278.	4.4	130
118	Diffusion domains determined by <sup>39</sup> Ar released during step heating. Journal of Geophysical Research, 1991, 96, 2057-2069.	3.3	213
119	Mesozoic thermal evolution of the Yukon-Tanana Composite Terrane: New evidence from <sup>40</sup> Ar/ <sup>39</sup> Ar data. Tectonics, 1991, 10, 51-76.	2.8	39
120	An Early Pliocene thermal disturbance of the main central thrust, central Nepal: Implications for Himalayan tectonics. Journal of Geophysical Research, 1991, 96, 8475-8500.	3.3	102
121	Age, Cooling History, and Origin of Post-Collisional Leucogranites in the Karakoram Batholith; A Multi-System Isotope Study. Journal of Geology, 1990, 98, 233-251.	1.4	122
122	Some observations on the interpretation of feldspar results. Chemical Geology: Isotope Geoscience Section, 1990, 80, 219-229.	0.6	18
123	Age and cooling history of the Manaslu granite: implications for Himalayan tectonics. Journal of Volcanology and Geothermal Research, 1990, 44, 33-50.	2.1	84
124	Diffusion of <sup>40</sup> Ar in metamorphic hornblende. Contributions To Mineralogy and Petrology, 1990, 105, 691-703.	3.1	99
125	Episodic rapid uplift in the Himalaya revealed by <sup>40</sup> Ar/ <sup>39</sup> Ar analysis of detrital K-feldspar and muscovite, Bengal fan. Geology, 1990, 18, 354.	4.4	191
126	Degassing of argon from microclines within the thermal aureole of the Obsidian Dome Conduit, Long Valley Caldera, California: Constraints on emplacement history. Journal of Geophysical Research, 1990, 95, 2781-2792.	3.3	4



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127	The <sup>40</sup> Ar/ <sup>39</sup> Ar thermochronology of the eastern Mojave Desert, California, and adjacent western Arizona with implications for the evolution of metamorphic core complexes. <i>Journal of Geophysical Research</i> , 1990, 95, 20005-20024.	3.3	70
128	<sup>40</sup> Ar/ <sup>39</sup> Ar age constraints on deformation and metamorphism in the main central thrust zone and Tibetan slab, eastern Nepal Himalaya. <i>Tectonics</i> , 1989, 8, 865-880.	2.8	265
129	The <sup>40</sup> Ar/ <sup>39</sup> Ar thermochronometry for slowly cooled samples having a distribution of diffusion domain sizes. <i>Journal of Geophysical Research</i> , 1989, 94, 17917-17935.	3.3	403
130	Geochronologic studies in central New England I: Evidence for pre-Acadian metamorphism in eastern Vermont. <i>Geology</i> , 1989, 17, 181.	4.4	60
131	Identification of inherited radiogenic Pb in monazite and its implications for U-Pb systematics. <i>Nature</i> , 1988, 333, 760-763.	27.8	331
132	Perspectives on the source, segregation and transport of granitoid magmas. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1988, 79, 135-156.	0.3	160
133	Rapid early Miocene acceleration of uplift in the Gangdese Belt, Xizang (southern Tibet), and its bearing on accommodation mechanisms of the India-Asia collision. <i>Earth and Planetary Science Letters</i> , 1987, 86, 240-252.	4.4	173
134	Constraints on the age of heating at the Fenton Hill Site, Valles Caldera, New Mexico. <i>Journal of Geophysical Research</i> , 1986, 91, 1899-1908.	3.3	26
135	Fission track evidence for the source of accreted sandstones, Barbados. <i>Tectonics</i> , 1986, 5, 457-468.	2.8	38
136	Kinetics of zircon dissolution and zirconium diffusion in granitic melts of variable water content. <i>Contributions To Mineralogy and Petrology</i> , 1983, 84, 66-72.	3.1	348
137	<sup>40</sup> Ar/ <sup>39</sup> Ar age spectrum analysis of detrital microclines from the southern San Joaquin Basin, California: an approach to determining the thermal evolution of sedimentary basins. <i>Earth and Planetary Science Letters</i> , 1983, 64, 244-256.	4.4	54
138	Zircon saturation revisited: temperature and composition effects in a variety of crustal magma types. <i>Earth and Planetary Science Letters</i> , 1983, 64, 295-304.	4.4	3,363
139	Some observations on the interpretation of <sup>40</sup> Ar/ <sup>39</sup> Ar age spectra. <i>Chemical Geology</i> , 1983, 41, 319-338.	3.3	16
140	Diffusion of <sup>40</sup> Ar in hornblende. <i>Contributions To Mineralogy and Petrology</i> , 1982, 78, 324-331.	3.1	735
141	Excess <sup>40</sup> Ar in metamorphic rocks from Broken Hill, New South Wales: implications for <sup>40</sup> Ar/ <sup>39</sup> Ar age spectra and the thermal history of the region. <i>Earth and Planetary Science Letters</i> , 1981, 55, 123-149.	4.4	271
142	Geochronology and thermal history of the Coast Plutonic Complex, near Prince Rupert, British Columbia. <i>Canadian Journal of Earth Sciences</i> , 1979, 16, 400-410.	1.3	310
143	A model of the thermal effects of igneous intrusion and uplift as applied to Quottoon pluton, British Columbia. <i>Canadian Journal of Earth Sciences</i> , 1979, 16, 411-420.	1.3	76