

Axel K Schmitt

List of Publications by Year in descending order

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213
papers

9,945
citations

25014

57
h-index

46771

89
g-index

225
all docs

225
docs citations

225
times ranked

6713
citing authors

#	ARTICLE	IF	CITATIONS
1	Zircon saturation re-revisited. <i>Chemical Geology</i> , 2013, 351, 324-334.	1.4	822
2	U-Pb zircon geochronology of late Neoproterozoic–Early Cambrian granitoids in Iran: Implications for paleogeography, magmatism, and exhumation history of Iranian basement. <i>Tectonophysics</i> , 2008, 451, 71-96.	0.9	301
3	Early (≈ 4.5 Ga) formation of terrestrial crust: Lu–Hf, ^{180}Ti , and Ti thermometry results for Hadean zircons. <i>Earth and Planetary Science Letters</i> , 2008, 268, 476-486.	1.8	259
4	U–Th–Pb zircon geochronology by ID-TIMS, SIMS, and laser ablation ICP-MS: Recipes, interpretations, and opportunities. <i>Chemical Geology</i> , 2015, 402, 89-110.	1.4	204
5	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.	1.0	160
6	The Geysers - Cobb Mountain Magma System, California (Part 1): U-Pb zircon ages of volcanic rocks, conditions of zircon crystallization and magma residence times. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 3423-3442.	1.6	153
7	Boron and Oxygen Isotope Composition of Certified Reference Materials NIST SRM 610/612 and Reference Materials JB-2 and JR-2. <i>Geostandards and Geoanalytical Research</i> , 2001, 25, 405-416.	1.7	148
8	Uranium Series Accessory Crystal Dating of Magmatic Processes. <i>Annual Review of Earth and Planetary Sciences</i> , 2011, 39, 321-349.	4.6	148
9	The origin and significance of crustal minerals in ophiolitic chromitites and peridotites. <i>Gondwana Research</i> , 2015, 27, 486-506.	3.0	147
10	In search of the dead zone: Use of otoliths for tracking fish exposure to hypoxia. <i>Journal of Marine Systems</i> , 2015, 141, 167-178.	0.9	142
11	Jurassic accretionary complex and ophiolite from northeast Turkey: No evidence for the Cimmerian continental ribbon. <i>Geology</i> , 2013, 41, 255-258.	2.0	141
12	Zircon-scale insights into the history of a Supervolcano, Bishop Tuff, Long Valley, California, with implications for the Ti-in-zircon geothermometer. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 293-311.	1.2	130
13	Multiple sulfur isotopes from Paleoproterozoic Huronian interglacial sediments and the rise of atmospheric oxygen. <i>Earth and Planetary Science Letters</i> , 2007, 255, 188-212.	1.8	127
14	Petrogenesis and $^{40}\text{Ar}/^{39}\text{Ar}$ Geochronology of the Brandberg Complex, Namibia: Evidence for a Major Mantle Contribution in Metaluminous and Peralkaline Granites. <i>Journal of Petrology</i> , 2000, 41, 1207-1239.	1.1	122
15	Propagation of orographic barriers along an active range front: insights from sandstone petrography and detrital apatite fission-track thermochronology in the intramontane Angastaco basin, NW Argentina. <i>Basin Research</i> , 2006, 18, 1-26.	1.3	118
16	Re-anchoring the late Pleistocene tephrochronology of New Zealand based on concordant radiocarbon ages and combined $^{238}\text{U}/^{230}\text{Th}$ disequilibrium and (U–Th)/He zircon ages. <i>Earth and Planetary Science Letters</i> , 2012, 349-350, 240-250.	1.8	108
17	High sensitivity mapping of Ti distributions in Hadean zircons. <i>Earth and Planetary Science Letters</i> , 2007, 261, 9-19.	1.8	106
18	Correlation of ignimbrites in the central Anatolian volcanic province using zircon and plagioclase ages and zircon compositions. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 213-214, 83-97.	0.8	101

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19	Iceland is not a magmatic analog for the Hadean: Evidence from the zircon record. <i>Earth and Planetary Science Letters</i> , 2014, 405, 85-97.	1.8	101
20	Experimental calibration of oxygen isotope fractionation between quartz and zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 7110-7126.	1.6	98
21	Acig�l rhyolite field, Central Anatolia (part 1): high-resolution dating of eruption episodes and zircon growth rates. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 1215-1231.	1.2	98
22	Linking rapid magma reservoir assembly and eruption trigger mechanisms at evolved Yellowstone-type supervolcanoes. <i>Geology</i> , 2014, 42, 807-810.	2.0	97
23	Structural and geochronological evidence for the leading edge of the Greater Himalayan Crystalline complex in the central Nepal Himalaya. <i>Earth and Planetary Science Letters</i> , 2011, 304, 483-495.	1.8	95
24	Oxygen isotopic composition and U-Pb discordance in zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 4895-4905.	1.6	93
25	Large-volume silicic volcanism in Kamchatka: Ar�Ar and U�Pb ages, isotopic, and geochemical characteristics of major pre-Holocene caldera-forming eruptions. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 189, 57-80.	0.8	91
26	Large-volume Rhyolite Genesis in Caldera Complexes of the Snake River Plain: Insights from the Kilgore Tuff of the Heise Volcanic Field, Idaho, with Comparison to Yellowstone and Bruneau�Jarbidge Rhyolites. <i>Journal of Petrology</i> , 2011, 52, 857-890.	1.1	91
27	Isotopic links between atmospheric chemistry and the deep sulphur cycle on Mars. <i>Nature</i> , 2014, 508, 364-368.	13.7	91
28	Late Miocene?Pliocene eclogite facies metamorphism, D'Entrecasteaux Islands, SE Papua New Guinea. <i>Journal of Metamorphic Geology</i> , 2007, 25, 245-265.	1.6	90
29	Warm storage for arc magmas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13959-13964.	3.3	88
30	In situ U�Pb SIMS (IN-SIMS) micro-baddeleyite dating of mafic rocks: Method with examples. <i>Precambrian Research</i> , 2010, 183, 379-387.	1.2	86
31	Neogene to Quaternary broken foreland formation and sedimentation dynamics in the Andes of NW Argentina (25�S). <i>Tectonics</i> , 2011, 30, .	1.3	86
32	Increased sediment accumulation rates and climatic forcing in the central Andes during the late Miocene. <i>Geology</i> , 2007, 35, 979.	2.0	85
33	Solving the Martian meteorite age conundrum using micro-baddeleyite and launch-generated zircon. <i>Nature</i> , 2013, 499, 454-457.	13.7	84
34	Recovering tectonic events from the sedimentary record: Detrital monazite plays in high fidelity. <i>Geology</i> , 2010, 38, 167-170.	2.0	82
35	Eruption and magma crystallization ages of Las Tres V�rgenes (Baja California) constrained by combined ²³⁰ Th/ ²³⁸ U and (U�Th)/He dating of zircon. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 158, 281-295.	0.8	79
36	Zr-Nb-REE Mineralization in Peralkaline Granites from the Amis Complex, Brandberg (Namibia): Evidence for Magmatic Pre-enrichment from Melt Inclusions. <i>Economic Geology</i> , 2002, 97, 399-413.	1.8	77

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37	Episodic growth and homogenization of plutonic roots in arc volcanoes from combined U ²³⁸ /Th and (U ²³⁸ /Th)/He zircon dating. <i>Earth and Planetary Science Letters</i> , 2010, 295, 91-103.	1.8	76
38	In situ U ²³⁸ /Pb dating of micro-baddeleyite by secondary ion mass spectrometry. <i>Chemical Geology</i> , 2010, 269, 386-395.	1.4	76
39	Extrusion vs. duplexing models of Himalayan mountain building 3: duplexing dominates from the Oligocene to Present. <i>International Geology Review</i> , 2015, 57, 1-27.	1.1	75
40	Unsteady evolution of the Bolivian Subandean thrust belt: The role of enhanced erosion and clastic wedge progradation. <i>Earth and Planetary Science Letters</i> , 2009, 281, 134-146.	1.8	74
41	Voluminous low $\delta^{18}O$ magmas in the late Miocene Heise volcanic field, Idaho: Implications for the fate of Yellowstone hotspot calderas. <i>Geology</i> , 2007, 35, 1019.	2.0	73
42	Magmatic Longevity of Laacher See Volcano (Eifel, Germany) Indicated by U ²³⁸ /Th Dating of Intrusive Carbonatites. <i>Journal of Petrology</i> , 2010, 51, 1053-1085.	1.1	71
43	Alteration and remelting of nascent oceanic crust during continental rapture: Evidence from zircon geochemistry of rhyolites and xenoliths from the Salton Trough, California. <i>Earth and Planetary Science Letters</i> , 2006, 252, 260-274.	1.8	69
44	Middle Eocene-Oligocene broken-foreland evolution in the Andean Calchaqui Valley, NW Argentina: insights from stratigraphic, structural and provenance studies. <i>Basin Research</i> , 2013, 25, 574-593.	1.3	68
45	Prolonged mantle residence of zircon xenocrysts from the western Eger rift. <i>Nature Geoscience</i> , 2009, 2, 886-890.	5.4	67
46	Crystal scale anatomy of a dying supervolcano: an isotope and geochronology study of individual phenocrysts from voluminous rhyolites of the Yellowstone caldera. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 45-67.	1.2	67
47	Identifying the Volcanic Eruption Depicted in a Neolithic Painting at δ atalh δ ya δ k, Central Anatolia, Turkey. <i>PLoS ONE</i> , 2014, 9, e84711.	1.1	64
48	Crustal-scale recycling in caldera complexes and rift zones along the Yellowstone hotspot track: O and Hf isotopic evidence in diverse zircons from voluminous rhyolites of the Picabo volcanic field, Idaho. <i>Earth and Planetary Science Letters</i> , 2013, 381, 63-77.	1.8	63
49	Eruption ages of Las Tres Virgenes volcano (Baja California): A tale of two helium isotopes. <i>Quaternary Geochronology</i> , 2010, 5, 503-511.	0.6	62
50	High-sensitivity U ²³⁸ /Pb rutile dating by secondary ion mass spectrometry (SIMS) with an O ₂ ⁺ primary beam. <i>Chemical Geology</i> , 2012, 332-333, 65-73.	1.4	62
51	⁵³ Mn- ⁵³ Cr systematics of carbonates in CM chondrites: Implications for the timing and duration of aqueous alteration. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 7433-7442.	1.6	61
52	The effect of titanite and other HFSE-rich mineral (Ti-bearing andradite, zircon, eudialyte) fractionation on the geochemical evolution of silicate melts. <i>Chemical Geology</i> , 2008, 257, 153-172.	1.4	60
53	Reduced, reused and recycled: Detrital zircons define a maximum age for the Eoarchean (ca. 3750-3780) Tj ETQq1 1 0.784314 rgB 283-293.	1.8	60
54	The marine isotope stage 1-5 cryptotephra record of Tenaghi Philippon, Greece: Towards a detailed tephrstratigraphic framework for the Eastern Mediterranean region. <i>Quaternary Science Reviews</i> , 2018, 186, 236-262.	1.4	60

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55	U–Pb zircon chronostratigraphy of early-Pliocene ignimbrites from La Pacana, north Chile: implications for the formation of stratified magma chambers. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 120, 43-53.	0.8	59
56	U–Pb zircon geochronology of silicic tuffs from the Timber Mountain/Oasis Valley caldera complex, Nevada: rapid generation of large volume magmas by shallow-level remelting. <i>Contributions To Mineralogy and Petrology</i> , 2006, 152, 649-665.	1.2	58
57	U–Th dating of zircons from Holocene potassic andesites (Maanshan volcano, Tengchong, SE Tibetan) <i>Tectonophysics</i> , 2014, 577, 1-14.	1.0	57
58	Application of combined U-Th-disequilibrium/U-Pb and (U-Th)/He zircon dating to tephrochronology. <i>Quaternary Geochronology</i> , 2017, 40, 23-32.	0.6	57
59	Decoupled crystallization and eruption histories of the rhyolite magmatic system at Tarawera volcano revealed by zircon ages and growth rates. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 505-519.	1.2	56
60	Dynamics of deformation and sedimentation in the northern Sierras Pampeanas: An integrated study of the Neogene Fiambala basin, NW Argentina. <i>Bulletin of the Geological Society of America</i> , 2008, 120, 1518-1543.	1.6	55
61	Limits of hydrosphere-lithosphere interaction: Origin of the lowest-known ^{18}O silicate rock on Earth in the Paleoproterozoic Karelian rift. <i>Geology</i> , 2010, 38, 631-634.	2.0	55
62	Quaternary bimodal volcanism in the NiÅde Volcanic Complex (Cappadocia, central Anatolia, Turkey): age, petrogenesis and geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	55
63	Voluminous plutonism during volcanic quiescence revealed by thermochemical modeling of zircon. <i>Geology</i> , 2016, 44, 683-686.	2.0	55
64	Contrasting punctuated zircon growth in two syn-erupted rhyolite magmas from Tarawera volcano: Insights to crystal diversity in magmatic systems. <i>Earth and Planetary Science Letters</i> , 2011, 301, 511-520.	1.8	54
65	Million-year melt–presence in monotonous intermediate magma for a volcanic–plutonic assemblage in the Central Andes: Contrasting histories of crystal-rich and crystal-poor super-sized silicic magmas. <i>Earth and Planetary Science Letters</i> , 2017, 457, 73-86.	1.8	54
66	Geochemical signatures and magmatic stability of terrestrial impact produced zircon. <i>Earth and Planetary Science Letters</i> , 2012, 321-322, 20-31.	1.8	53
67	The Geysers-Cobb Mountain Magma System, California (Part 2): timescales of pluton emplacement and implications for its thermal history. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 3443-3458.	1.6	52
68	Recording the transition from flare-up to steady-state arc magmatism at the Purico–Chascon volcanic complex, northern Chile. <i>Earth and Planetary Science Letters</i> , 2015, 422, 75-86.	1.8	52
69	Laacher See revisited: High-spatial-resolution zircon dating indicates rapid formation of a zoned magma chamber. <i>Geology</i> , 2006, 34, 597.	2.0	51
70	Magmatic anhydrite-sulfide assemblages in the plumbing system of the Siberian Traps. <i>Geology</i> , 2009, 37, 259-262.	2.0	51
71	Constraints on the timing of Quaternary volcanism and duration of magma residence at Ciomadul volcano, east–central Europe, from combined U–Th/He and U–Th zircon geochronology. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 301, 66-80.	0.8	51
72	Gas-saturated crystallization and degassing in large-volume, crystal-rich dacitic magmas from the Altiplano-Puna, northern Chile. <i>Journal of Geophysical Research</i> , 2001, 106, 30561-30578.	3.3	50

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73	A reconnaissance of U-Pb zircon ages in the Cerro Galn system, NW Argentina: Prolonged magma residence, crystal recycling, and crustal assimilation. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 206, 136-147.	0.8	50
74	Eocene tectonometamorphism on Serifos (western Cyclades) deduced from zircon depth-profiling geochronology and mica thermochronology. <i>Lithos</i> , 2011, 125, 151-172.	0.6	50
75	Ion microprobe analysis of $(^{231}\text{Pa})/(^{235}\text{U})$ and an appraisal of protactinium partitioning in igneous zircon. <i>American Mineralogist</i> , 2007, 92, 691-694.	0.9	49
76	Neotectonic basin and landscape evolution in the Eastern Cordillera of NW Argentina, Humahuaca Basin ($\sim 24^\circ\text{S}$). <i>Basin Research</i> , 2013, 25, 554-573.	1.3	48
77	High resolution Secondary Ionisation Mass Spectrometry (SIMS) ^{18}O analyses of Hulu Cave speleothem at the time of Heinrich Event 1. <i>Chemical Geology</i> , 2007, 238, 197-212.	1.4	46
78	Decoupling of U-Pb dates from chemical and crystallographic domains in granulite facies zircon. <i>Chemical Geology</i> , 2010, 270, 20-30.	1.4	46
79	Variable microstructural response of baddeleyite to shock metamorphism in young basaltic shergottite NWA 5298 and improved U-Pb dating of Solar System events. <i>Earth and Planetary Science Letters</i> , 2016, 444, 1-12.	1.8	46
80	Tectono-sedimentary evolution of the northern Iranian Plateau: insights from middle-late Miocene foreland basin deposits. <i>Basin Research</i> , 2017, 29, 417-446.	1.3	46
81	Assimilation of preexisting Pleistocene intrusions at Long Valley by periodic magma recharge accelerates rhyolite generation: rethinking the remelting model. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	44
82	Geochronological imaging of an episodically constructed subvolcanic batholith: U-Pb in zircon chronochemistry of the Altiplano-Puna Volcanic Complex of the Central Andes. , 2016, 12, 1054-1077.		44
83	Probing the Volcanic-Plutonic Connection and the Genesis of Crystal-rich Rhyolite in a Deeply Dissected Supervolcano in the Nevada Great Basin: Source of the Late Eocene Caetano Tuff. <i>Journal of Petrology</i> , 2016, 57, 1599-1644.	1.1	44
84	Crystallization and eruption ages of Breccia Museo (Campi Flegrei caldera, Italy) plutonic clasts and their relation to the Campanian ignimbrite. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	43
85	Field and microanalytical isotopic investigation of ultradepleted in ^{18}O Paleoproterozoic Slushball Earth-rocks from Karelia, Russia. , 2014, 10, 308-339.		43
86	Post-supereruption recovery at Toba Caldera. <i>Nature Communications</i> , 2017, 8, 15248.	5.8	42
87	Zircon Hafnium-Oxygen Isotope and Trace Element Petrochronology of Intraplate Volcanic Rocks from the Eifel (Germany) and Implications for Mantle versus Crustal Origins of Zircon Megacrysts. <i>Journal of Petrology</i> , 2017, 58, 1841-1870.	1.1	42
88	Micro-scale S isotope studies of the Kharaelakh intrusion, Norilsk region, Siberia: Constraints on the genesis of coexisting anhydrite and sulfide minerals. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 634-644.	1.6	41
89	Zircon trace element chemistry at sub-micrometer resolution for Tarawera volcano, New Zealand, and implications for rhyolite magma evolution. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	41
90	Short-lived magmatic activity in an anorogenic subvolcanic complex: $^{40}\text{Ar}/^{39}\text{Ar}$ and ion microprobe U-Pb zircon dating of the Erongo, Damaraland, Namibia. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 130, 285-305.	0.8	40

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91	A search for thermal excursions from ancient extraterrestrial impacts using Hadean zircon Ti-U-Th-Pb depth profiles. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13486-13492.	3.3	40
92	In situ ^{7}Li , Li/Ca , and Mg/Ca analyses of synthetic aragonites. Geochemistry, Geophysics, Geosystems, 2011, 12, .	1.0	38
93	Rapid cooling rates at an active mid-ocean ridge from zircon thermochronology. Earth and Planetary Science Letters, 2011, 302, 349-358.	1.8	38
94	Buried rhyolites within the active, high-temperature Salton Sea geothermal system. Journal of Volcanology and Geothermal Research, 2008, 178, 708-718.	0.8	37
95	Surface uplift and convective rainfall along the southern Central Andes (Angastaco Basin, NW) Tj ETQq1 1 0.784314,rgBT /Overlock 10	1.8	37
96	Boron isotopic variations in hydrous rhyolitic melts: a case study from Long Valley, California. Contributions To Mineralogy and Petrology, 2004, 146, 590-605.	1.2	35
97	Boron in central Andean ignimbrites: implications for crustal boron cycles in an active continental margin. Chemical Geology, 2002, 183, 333-347.	1.4	34
98	Blueschist from the Mariana forearc records long-lived residence of material in the subduction channel. Earth and Planetary Science Letters, 2019, 519, 171-181.	1.8	34
99	Managed Metapopulations: Do Salmon Hatchery "Sources" Lead to In-River "Sinks" in Conservation?. PLoS ONE, 2012, 7, e28880.	1.1	34
100	Paleozoic to early Cenozoic cooling and exhumation of the basement underlying the eastern Puna plateau margin prior to plateau growth. Tectonics, 2012, 31, .	1.3	33
101	Zircon growth and recrystallization during progressive metamorphism, Barrovian zones, Scotland. American Mineralogist, 2013, 98, 219-230.	0.9	32
102	Oceanic magmatism in sedimentary basins of the northern Gulf of California rift. Bulletin of the Geological Society of America, 2013, 125, 1833-1850.	1.6	31
103	Secondary Ionization Mass Spectrometry Analysis in Petrochronology. Reviews in Mineralogy and Geochemistry, 2017, 83, 199-230.	2.2	31
104	The dark side of zircon: textural, age, oxygen isotopic and trace element evidence of fluid saturation in the subvolcanic reservoir of the Island Park-Mount Jackson Rhyolite, Yellowstone (USA). Contributions To Mineralogy and Petrology, 2018, 173, 1.	1.2	31
105	Time-temperature-fluid evolution of migmatite dome crystallization: Coupled U-Pb age, Ti thermometry, and O isotopic ion microprobe depth profiling of zircon and monazite. Chemical Geology, 2009, 262, 186-201.	1.4	30
106	Acigl rhyolite field, central Anatolia (part II): geochemical and isotopic (Sr - Nd - Pb , $\delta^{18}\text{O}$) constraints on volcanism involving two high-silica rhyolite suites. Contributions To Mineralogy and Petrology, 2011, 162, 1233-1247.	1.2	30
107	(U-Th)/He zircon and archaeological ages for a late prehistoric eruption in the Salton Trough (California, USA). Geology, 2013, 41, 7-10.	2.0	30
108	U-series zircon age constraints on the plumbing system and magma residence times of the Changbai volcano, China/North Korea border. Lithos, 2014, 200-201, 169-180.	0.6	30

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109	Hydrothermal alteration and melting of the crust during the Columbia River Basaltâ€“Snake River Plain transition and the origin of low- $\delta^{18}\text{O}$ rhyolites of the central Snake River Plain. <i>Lithos</i> , 2015, 224-225, 310-323.	0.6	30
110	Geology, zircon geochronology, and petrogenesis of Sabalan volcano (northwestern Iran). <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 192-207.	0.8	30
111	The onset of the volcanism in the Ciomadul Volcanic Dome Complex (Eastern Carpathians): Eruption chronology and magma type variation. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 354, 39-56.	0.8	30
112	Sulfur isotopes in otoliths allow discrimination of anadromous and non-anadromous ecotypes of sockeye salmon (<i>Oncorhynchus nerka</i>). <i>Environmental Biology of Fishes</i> , 2010, 89, 521-532.	0.4	29
113	In situ ^{40}K - ^{40}Ca $\delta^{47}\text{Ca}$ SIMS dating resolves Klokken feldspar ^{40}K - ^{40}Ar paradox. <i>Earth and Planetary Science Letters</i> , 2010, 299, 426-433.	1.8	29
114	Episodes of dormancy and eruption of the Late Pleistocene Ciomadul volcanic complex (Eastern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Research, 2019, 373, 133-147.	0.8	29
115	Sub-millennial eruptive recurrence in the silicic Mangaone Subgroup tephra sequence, New Zealand, from Bayesian modelling of zircon double-dating and radiocarbon ages. <i>Quaternary Science Reviews</i> , 2020, 246, 106517.	1.4	27
116	Uâ€“Pb geochronology and geochemistry of Bibi-Maryam pluton, eastern Iran: Implication for the late stage of the tectonic evolution of the Sistan Ocean. <i>Lithos</i> , 2014, 200-201, 197-211.	0.6	26
117	Extrusion vs. duplexing models of Himalayan mountain building 2: The South Tibet detachment at the Dadeldhura klippe. <i>Tectonophysics</i> , 2016, 667, 87-107.	0.9	26
118	Sockeye salmon (<i>Oncorhynchus nerka</i>) return after an absence of nearly 90 years: a case of reversion to anadromy. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 1590-1602.	0.7	25
119	Uâ€“Th Zircon Dating by Laser Ablation Single Collector Inductively Coupled Plasmaâ€“Mass Spectrometry (LA-ICP-MS). <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 377-387.	1.7	25
120	Stability of Zircon and Its Isotopic Ratios in High-Temperature Fluids: Long-Term (4 months) Isotope Exchange Experiment at 850°C and 50 MPa. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	25
121	Coeval Early Ediacaran Breakup of Amazonia, Baltica, and Laurentia: Evidence From Microâ€“Baddeleyite Dating of Dykes From the Novillo Canyon, Mexico. <i>Geophysical Research Letters</i> , 2019, 46, 2003-2011.	1.5	25
122	Accessory mineral Uâ€“Thâ€“Pb ages and $^{40}\text{Ar}/^{39}\text{Ar}$ eruption chronology, and their bearing on rhyolitic magma evolution in the Pleistocene Coso volcanic field, California. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 421-446.	1.2	24
123	Isotopic, paleontologic, and ichnologic evidence for late Miocene pulses of marine incursions in the central Andes. <i>Geology</i> , 2009, 37, 827-830.	2.0	24
124	Timing and conditions of formation of granitoid clasts erupted in recent pyroclastic deposits from Tarawera Volcano (New Zealand). <i>Lithos</i> , 2012, 140-141, 1-10.	0.6	24
125	The missing half of the subduction factory: shipboard results from the Izu rear arc, IODP Expedition 350. <i>International Geology Review</i> , 2017, 59, 1677-1708.	1.1	23
126	Zircon Alteration in Wall Rock of Pamour and Hoyle Pond Au Deposits, Abitibi Greenstone Belt: Constraints on Timescales of Fluid Flow from Depth-Profiling Techniques. <i>Economic Geology</i> , 2012, 107, 1043-1072.	1.8	22

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127	Ion microprobe dating of zircons from active Dayingshan volcano, Tengchong, SE Tibetan Plateau: Time scales and nature of magma chamber storage. <i>Lithos</i> , 2013, 172-173, 214-221.	0.6	22
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