Allen K Kennedy

List of Publications by Year
in descending order

63 papers	6,738 citations	117625 34 h-index	110387 64 g-index
66 all docs	66 docs citations	66 times ranked	4199 citing authors

#	Article	IF	Citations
1	SHRIMP Uâ€“Pb zircon geochronological and geochemical evidence for Neoproterozoic arc-magmatism along the western margin of the Yangtze Block, South China. Earth and Planetary Science Letters, 2002, 196, 51-67.	4.4	911
2	Zircon M257 â€•a Homogeneous Natural Reference Material for the Ion Microprobe Uâ€Pb Analysis of Zircon. Geostandards and Geoanalytical Research, 2008, 32, 247-265.	3.1	591
3	A temporal link between the Emeishan large igneous province (SW China) and the end-Guadalupian mass extinction. Earth and Planetary Science Letters, 2002, 196, 113-122.	4.4	535
4	Zircons from Syros, Cyclades, Greece--Recrystallization and Mobilization of Zircon During High-Pressure Metamorphism. Journal of Petrology, 2003, 44, 1977-2002.	2.8	399
5	Subduction-related origin of the 750ÂMa Xuelongbao adakitic complex (Sichuan Province, China): Implications for the tectonic setting of the giant Neoproterozoic magmatic event in South China. Earth and Planetary Science Letters, 2006, 248, 286-300.	4.4	308
6	Neoproterozoic Arcâ€Related Mafic Intrusions along the Northern Margin of South China: Implications for the Accretion of Rodinia. Journal of Geology, 2002, 110, 611-618.	1.4	304
7	An experimental study of trace element partitioning between olivine, orthopyroxene and melt in chondrules: equilibrium values and kinetic effects. Earth and Planetary Science Letters, 1993, 115, 177-195.	4.4	286
8	Two magma series and associated ore deposit types in the Permian Emeishan large igneous province, SW China. Lithos, 2008, 103, 352-368.	1.4	260
9	Incomplete retention of radiation damage in zircon from Sri Lanka. American Mineralogist, 2004, 89, 219-231.	1.9	193
10	Evolution of Mauna Kea Volcano, Hawaii: Petrologic and geochemical constraints on postshield volcanism. Journal of Geophysical Research, 1990, 95, 1271-1300.	3.3	186
11	Linking growth episodes of zircon and metamorphic textures to zircon chemistry: an example from the ultrahigh-temperature granulites of Rogaland (SW Norway). Geological Society Special Publication, 2003, 220, 65-81.	1.3	181
12	Geochemistry of basalts from the Indian Ocean triple junction: implications for the generation and evolution of Indian Ocean ridge basalts. Earth and Planetary Science Letters, 1986, 78, 379-396.	4.4	171
13	Annealing radiation damage and the recovery of cathodoluminescence. Chemical Geology, 2002, 191, 121-140.	3.3	169
14	Thorium-Uranium Fractionation by Garnet: Evidence for a Deep Source and Rapid Rise of Oceanic Basalts. Science, 1993, 261, 739-742.	12.6	157
15	Polyphase zircon in ultrahigh-temperature granulites (Rogaland, SW Norway): constraints for Pb diffusion in zircon. Journal of Metamorphic Geology, 2002, 20, 727-740.	3.4	156
16	The evolution of Mauna Kea Volcano, Hawaii: Petrogenesis of tholeiitic and alkalic basalts. Journal of Geophysical Research, 1991, 96, 14347-14375.	3.3	149
17	A double focusing mass spectrometer for geochronology. International Journal of Mass Spectrometry, 1998, 178, 43-50.	1.5	129
18	Magmatic flare-up at the Carboniferous/Permian boundary in the NE German Basin revealed by SHRIMP zircon ages. Tectonophysics, 1999, 302, 307-326.	2.2	128

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19	U-Pb SHRIMP and Nd isotopic data from the western Bohemian Massif (Bayerischer Wald, Germany): Implications for Upper Vendian and Lower Ordovician magmatism. International Journal of Earth Sciences, 2004, 93, 782-801.	1.8	127
20	Retention of uranium in complexly altered zircon: An example from Bancroft, Ontario. Chemical Geology, 2010, 269, 290-300.	3.3	88
21	Dating of zircon and monazite from diamondiferous quartzofeldspathic rocks of the Saxonian Erzgebirge â€“ hints at burial and exhumation velocities. Mineralogical Magazine, 2007, 71, 407-425.	1.4	81
22	The phenomenon of deficient electron microprobe totals in radiation-damaged and altered zircon. Geochimica Et Cosmochimica Acta, 2009, 73, 1637-1650.	3.9	78
23	Chemical composition and origin of the Acapulco meteorite. Geochimica Et Cosmochimica Acta, 1995, 59, 3607-3627.	3.9	76
24	Thermal history recorded by the Apollo 17 impact melt breccia 73217. Geochimica Et Cosmochimica Acta, 2009, 73, 3093-3107.	3.9	69
25	EOCENE ZIRCON REFERENCE MATERIAL FOR MICROANALYSIS OF U-Th-Pb ISOTOPES AND TRACE ELEMENTS. Canadian Mineralogist, 2014, 52, 409-421.	1.0	65
26	Nature and cause of compositional variation among the alkalic cap lavas of Mauna Kea Volcano, Hawaii. Contributions To Mineralogy and Petrology, 1988, 100, 383-397.	3.1	61
27	Multistage Variscan magmatism in the central Tauern Window (Austria) unveiled by U/Pb SHRIMP zircon data. Contributions To Mineralogy and Petrology, 2000, 139, 418-435.	3.1	57
28	Composition and isotopic constraints on the petrogenesis of alkaline arc lavas: Lihir Island, Papua New Guinea. Journal of Geophysical Research, 1990, 95, 6929-6942.	3.3	52
29	Comparison of element and isotope diffusion of K and Ca in multicomponent silicate melts. Earth and Planetary Science Letters, 1994, 123, 155-166.	4.4	52
30	Experimental and major element constraints on the evolution of lavas from Lihir Island, Papua New Guinea. Contributions To Mineralogy and Petrology, 1990, 104, 722-734.	3.1	50
31	Zircon M127 â€“ A Homogeneous Reference Material for <scp>SIMS</scp> Uâ€“Pb Geochronology Combined with Hafnium, Oxygen and, Potentially, Lithium Isotope Analysis. Geostandards and Geoanalytical Research, 2016, 40, 457-475.	3.1	49
32	Regolith breccia Northwest Africa 7533: Mineralogy and petrology with implications for early Mars. Meteoritics and Planetary Science, 2017, 52, 89-124.	1.6	43
33	The isotopic composition of postshield lavas from Mauna Kea volcano, Hawaii. Earth and Planetary Science Letters, 1991, 103, 339-353.	4.4	41
34	Implications of U-Pb SHRIMP zircon data on the age and evolution of the Felbertal tungsten deposit (Tauern Window, Austria). International Journal of Earth Sciences, 1999, 88, 496-512.	1.8	36
35	A multi-technique evaluation of hydrothermal hematite U Pb isotope systematics: Implications for ore deposit geochronology. Chemical Geology, 2019, 513, 54-72.	3.3	36
36	Matrix-Matched Iron-Oxide Laser Ablation ICP-MS Uâ€“Pb Geochronology Using Mixed Solution Standards. Minerals (Basel, Switzerland), 2016, 6, 85.	2.0	34

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37	A unique high Mn/Fe microgabbro in the Parnallee (LL3) ordinary chondrite: nebular mixture or planetary differentiate from a previously unrecognized planetary body?. Earth and Planetary Science Letters, 1992, 113, 191-205.	4.4	33
38	Trace-element partition coefficients for perovskite and hibonite in meteorite compositions. Chemical Geology, 1994, 117, 379-390.	3.3	32
39	Nickeliferous pyrite tracks pervasive hydrothermal alteration in Martian regolith breccia: A study in <scp>NWA</scp> 7533. Meteoritics and Planetary Science, 2015, 50, 2099-2120.	1.6	32
40	<scp>GZ</scp>7 and <scp>GZ</scp>8 â€“ Two Zircon Reference Materials for <scp>SIMS</scp> Uâ€Pb Geochronology. Geostandards and Geoanalytical Research, 2018, 42, 431-457.	3.1	32
41	Unravelling the pre-Variscan evolution of the Habach terrane (Tauern Window, Austria) by U-Pb SHRIMP zircon data. Contributions To Mineralogy and Petrology, 2001, 142, 147-162.	3.1	28
42	A lower crust origin of some flood basalts of the Emeishan large igneous province, SW China. Journal of Asian Earth Sciences, 2015, 109, 74-85.	2.3	25
43	Trace element disequilibria and magnesium isotope heterogeneity in 3655A: Evidence for a complex multi-stage evolution of a typical Allende Type B1 CAI. Geochimica Et Cosmochimica Acta, 1997, 61, 1541-1561.	3.9	23
44	Chemical and isotopic constraints on the formation and crystallization of SAâ€1, a basaltic Allende plagioclaseâ€olivine inclusion. Meteoritics, 1992, 27, 539-554.	1.4	21
45	Permoâ€Carboniferous gold epoch of northeast Queenslandâ€”. Australian Journal of Earth Sciences, 1998, 45, 185-200.	1.0	21
46	Geochronology in the southern Midyan terrane: a review of constraints on the timing of magmatic pulses and tectonic evolution in a northwestern part of the Arabian Shield. International Geology Review, 2018, 60, 1290-1319.	2.1	20
47	Cambro-Ordovician age of a metagabbro from the Wildschonau ophiolite complex, Greywacke Supergroup (Eastern Alps, Austria): A U-Pb SHRIMP study. European Journal of Mineralogy, 2001, 13, 57-66.	1.3	17
48	Pre-Alpine basement within the Northern Cycladic Blueschist Unit on Syros Island, Greece. Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften, 2008, 159, 521-531.	0.4	16
49	UNRAVELING MINERALIZATION AND MULTISTAGE HYDROTHERMAL OVERPRINTING HISTORIES BY INTEGRATED IN SITU U-Pb AND Sm-Nd ISOTOPES IN A PALEOPROTEROZOIC BRECCIA-HOSTED IOCG DEPOSIT, SW CHINA. Economic Geology, 2021, 116, 1687-1710.	3.8	16
50	Retention of radiation damage in zircon xenocrysts from kimberlites, Northern Yakutia. Lithos, 2014, 206-207, 252-261.	1.4	15
51	New Pâ€T and Uâ€Pb constraints on Alpine Schist metamorphism in south Westland, New Zealand. New Zealand Journal of Geology, and Geophysics, 2015, 58, 385-397.	1.8	14
52	Constraining the mid-crustal channel flow beneath the Tibetan Plateau: data from the Nielaxiongbo gneiss dome, SE Tibet. International Geology Review, 2012, 54, 615-632.	2.1	13
53	New Insights into the Evolution and Age of the Neoproterozoic Jebel Ohier Porphyry Copper Deposit, Red Sea Hills, Northeastern Sudan. Economic Geology, 2020, 115, 1-31.	3.8	10
54	Carboniferous metamorphism and partial melting of the Greenland Group in the Jackson River valley, south Westland. New Zealand Journal of Geology, and Geophysics, 2015, 58, 22-32.	1.8	9

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55	Cretaceous metamorphism, magmatism and shearing in the Waipuna Valley, directly south of the Reefton Goldfield. New Zealand Journal of Geology, and Geophysics, 2015, 58, 89-103.	1.8	9
56	Far Eastern Avalonia: Its chronostratigraphic structure revealed by SHRIMP zircon ages from Upper Carboniferous to Lower Permian volcanic rocks (drill cores from Germany, Poland, and Denmark). , 2007, , .		8
57	Inâ€Situ SHRIMP Uâ€Pb Dating of Xenotime Outgrowth on Detrital Zircon Grains from the Changzhougou Formation of the Ming Tomb District, Beijing. Acta Geologica Sinica, 2015, 89, 304-305.	1.4	6
58	Petrographic and geochronological constraints on the granitic basement to the Middleback Ranges, South Australia. Precambrian Research, 2019, 324, 170-193.	2.7	6
59	Variety, age and origin of zircons in the mid-Cenozoic Westonia Formation, southwestern Yilgarn Craton, Western Australia. Australian Journal of Earth Sciences, 2004, 51, 157-171.	1.0	4
60	Phase Decomposition upon Alteration of Radiation-Damaged Monaziteâ€“(Ce) from Moss, Ã˜stfold, Norway. Chimia, 2010, 64, 705-711.	0.6	4
61	Tectono-metamorphic evolution of a convergent back-arc: The Famatinian orogen, Sierra de Quilmes, Sierras Pampeanas, NW Argentina. Bulletin of the Geological Society of America, 2017, , .	3.3	2
62	Episodic mafic magmatism in the Eyre Peninsula: Defining syn- and post-depositional BIF environments for iron deposits in the Middleback Ranges, South Australia. Precambrian Research, 2020, 337, 105535.	2.7	2
63	Micron- to nanoscale characterisation and U-Pb geochronology of zircon from granites of the Samphire Pluton, South Australia. Precambrian Research, 2020, 350, 105924.	2.7	0