Ian S. Williams

List of Publications by Year
in descending order

192 papers	21,436 citations	8755 75 h-index	9345 143 g-index
192 all docs	192 docs citations	192 times ranked	8171 citing authors

#	Article	IF	Citations
1	Improved 206Pb/238U microprobe geochronology by the monitoring of a trace-element-related matrix effect; SHRIMP, IDâ€“TIMS, ELAâ€“ICPâ€“MS and oxygen isotope documentation for a series of zircon standards. Chemical Geology, 2004, 205, 115-140.	3.3	1,472
2	Zircon U-Pb ages for the Early Cambrian time-scale. Journal of the Geological Society, 1992, 149, 171-184.	2.1	993
3	Isotopic evidence for the Precambrian provenance and Caledonian metamorphism of high grade paragneisses from the Seve Nappes, Scandinavian Caledonides. Contributions To Mineralogy and Petrology, 1987, 97, 205-217.	3.1	861
4	Pb, U and Th diffusion in natural zircon. Nature, 1997, 390, 159-162.	27.8	646
5	Zircon and monazite response to prograde metamorphism in the Reynolds Range, central Australia. Contributions To Mineralogy and Petrology, 2001, 140, 458-468.	3.1	587
6	Did Cooling Oceans Trigger Ordovician Biodiversification? Evidence from Conodont Thermometry. Science, 2008, 321, 550-554.	12.6	518
7	Priscoan (4.00-4.03 Ga) orthogneisses from northwestern Canada. Contributions To Mineralogy and Petrology, 1999, 134, 3-16.	3.1	488
8	An extended episode of early Mesoproterozoic metamorphic fluid flow in the Reynolds Range, central Australia*. Journal of Metamorphic Geology, 2004, 14, 29-47.	3.4	482
9	Ion microprobe identification of 4,100â€“4,200 Myr-old terrestrial zircons. Nature, 1983, 304, 616-618.	27.8	460
10	The application of SHRIMP to Phanerozoic geochronology; a critical appraisal of four zircon standards. Chemical Geology, 2003, 200, 171-188.	3.3	400
11	The Earth's oldest known crust: A geochronological and geochemical study of 3900â€“4200 Ma old detrital zircons from Mt. Narryer and Jack Hills, Western Australia. Geochimica Et Cosmochimica Acta, 1992, 56, 1281-1300.	3.9	381
12	Zircon ion microprobe studies bearing on the age and evolution of the Witwatersrand triad. Precambrian Research, 1991, 53, 243-266.	2.7	348
13	Considerations in Zircon Geochronology by SIMS. Reviews in Mineralogy and Geochemistry, 2003, 53, 215-241.	4.8	318
14	A search for ancient detrital zircons in Zimbabwean sediments. Journal of the Geological Society, 1988, 145, 977-983.	2.1	310
15	Response of detrital zircon and monazite, and their Uâ€“Pb isotopic systems, to regional metamorphism and hostâ€rock partial melting, Cooma Complex, southeastern Australia. Australian Journal of Earth Sciences, 2001, 48, 557-580.	1.0	307
16	Deformational Mass Transport and Invasive Processes in Soil Evolution. Science, 1992, 255, 695-702.	12.6	296
17	3.96 Ga gneisses from the Slave province, Northwest Territories, Canada. Geology, 1989, 17, 971.	4.4	287
18	Four zircon ages from one rock: the history of a 3930 Ma-old granulite from Mount Sones, Enderby Land, Antarctica. Contributions To Mineralogy and Petrology, 1986, 94, 427-437.	3.1	266

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19	Determining high precision, in situ, oxygen isotope ratios with a SHRIMP II: Analyses of MPI-DING silicate-glass reference materials and zircon from contrasting granites. Chemical Geology, 2008, 257, 114-128.	3.3	254
20	Unsupported radiogenic Pb in zircon: a cause of anomalously high Pb-Pb, U-Pb and Th-Pb ages. Contributions To Mineralogy and Petrology, 1984, 88, 322-327.	3.1	243
21	The stratigraphy of the 3.5-3.2 Ga Barberton Greenstone Belt revisited: A single zircon ion microprobe study. Earth and Planetary Science Letters, 1990, 101, 90-106.	4.4	242
22	Integrated tectonostratigraphic analysis of the Himalaya and implications for its tectonic reconstruction. Earth and Planetary Science Letters, 2003, 212, 433-441.	4.4	236
23	Extraordinary transport and mixing of sediment across Himalayan central Gondwana during the Cambrian-Ordovician. Bulletin of the Geological Society of America, 2010, 122, 1660-1670.	3.3	232
24	Zircon xenocrysts from the Kambalda volcanics: age constraints and direct evidence for older continental crust below the Kambalda-Norseman greenstones. Earth and Planetary Science Letters, 1986, 76, 299-311.	4.4	207
25	Two ages of porphyry intrusion resolved for the super-giant Chuquicamata copper deposit of northern Chile by ELA-ICP-MS and SHRIMP. Geology, 2001, 29, 383.	4.4	202
26	Provenance of Neoproterozoic and lower Paleozoic siliciclastic rocks of the central Ross orogen, Antarctica: Detrital record of rift-, passive-, and active-margin sedimentation. Bulletin of the Geological Society of America, 2004, 116, 1253.	3.3	198
27	The microstructure of zircon and its influence on the age determination from Pb/U isotopic ratios measured by ion microprobe. Geochimica Et Cosmochimica Acta, 1994, 58, 993-1005.	3.9	196
28	Long-term cycles of Triassic climate change: a new Î´18O record from conodont apatite. Earth and Planetary Science Letters, 2015, 415, 165-174.	4.4	186
29	Carboniferous and Triassic eclogites in the western Dabie Mountains, east-central China: evidence for protracted convergence of the North and South China Blocks. Journal of Metamorphic Geology, 2002, 20, 873-886.	3.4	182
30	Highâ€•and Lowâ€Temperature Iâ€type Granites. Resource Geology, 1998, 48, 225-235.	0.8	169
31	A Positive Test of East Antarcticaâ€“Laurentia Juxtaposition Within the Rodinia Supercontinent. Science, 2008, 321, 235-240.	12.6	167
32	In situ Uâ€“Pb, O and Hf isotopic compositions of zircon and olivine from Eoarchaean rocks, West Greenland: New insights to making old crust. Geochimica Et Cosmochimica Acta, 2009, 73, 4489-4516.	3.9	166
33	The age and Pb loss behaviour of zircons from the Isua supracrustal belt as determined by ion microprobe. Earth and Planetary Science Letters, 1986, 80, 71-81.	4.4	165
34	Phanerozoic high-pressure eclogite and intermediate-pressure granulite facies metamorphism in the Gyeonggi Massif, South Korea: Implications for the eastward extension of the Dabieâ€“Sulu continental collision zone. Lithos, 2006, 92, 357-377.	1.4	158
35	Age and Provenance of the Beardmore Group, Antarctica: Constraints on Rodinia Supercontinent Breakup. Journal of Geology, 2002, 110, 393-406.	1.4	152
36	Svecofennian detrital zircon agesâ€"implications for the Precambrian evolution of the Baltic Shield. Precambrian Research, 1993, 64, 109-130.	2.7	148

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37	Age constraints on the geological evolution of the Narryer Gneiss Complex, Western Australia. Australian Journal of Earth Sciences, 1990, 37, 51-69.	1.0	147
38	The SeridÃ³ Group of NE Brazil, a late Neoproterozoic pre- to syn-collisional basin in West Gondwana: insights from SHRIMP Uâ€“Pb detrital zircon ages and Smâ€“Nd crustal residence (TDM) ages. Precambrian Research, 2003, 127, 287-327.	2.7	147
39	Isotope evidence for the involvement of recycled sediments in diamond formation. Nature, 1991, 353, 649-653.	27.8	143
40	Pb-loss patterns in zircons from a high-grade metamorphic terrain as revealed by different dating methods: Uî—¸Pb and Pbî—¸Pb ages for igneous and metamorphic zircons from northern Sri Lanka. Precambrian Research, 1994, 66, 151-181.	2.7	139
41	Geochronology, and geochemical and Ndâ€“Sr isotopic characteristics, of Triassic plutonic rocks in the Gyeonggi Massif, South Korea: Constraints on Triassic post-collisional magmatism. Lithos, 2009, 107, 239-256.	1.4	138
42	A SHRIMP Uâ€“Pb and LA-ICP-MS trace element study of the petrogenesis of garnetâ€“cordieriteâ€“orthoamphibole gneisses from the Central Zone of the Limpopo Belt, South Africa. Lithos, 2006, 88, 150-172.	1.4	136
43	A reconnaissance ion-probe study of hafnium isotopes in zircons. Geochimica Et Cosmochimica Acta, 1991, 55, 849-859.	3.9	132
44	Early archaean zircon ages from orthogneisses and anorthosites at Mount Narryer, Western Australia. Precambrian Research, 1988, 38, 325-341.	2.7	131
45	The development of the Central European continental crust since the Early Archaean based on conventional and ion-microprobe dating of up to 3.84 b.y. old detrital zircons. Tectonophysics, 1989, 157, 81-96.	2.2	131
46	Some observations on the use of zircon U-Pb geochronology in the study of granitic rocks. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 1992, 83, 447-458.	0.3	130
47	Lachlan Fold Belt granites revisited: Highâ€•and lowâ€•temperature granites and their implications. Australian Journal of Earth Sciences, 2000, 47, 123-138.	1.0	130
48	Formation of the world's largest REE deposit through protracted fluxing of carbonatite by subduction-derived fluids. Scientific Reports, 2013, 3, .	3.3	130
49	Historical Development of Zircon Geochronology. Reviews in Mineralogy and Geochemistry, 2003, 53, 145-181.	4.8	128
50	The Eocene bimodal Piranshahr massif of the Sanandajâ€“Sirjan Zone, NW Iran: a marker of the end of the collision in the Zagros orogen. Journal of the Geological Society, 2009, 166, 53-69.	2.1	125
51	Allanite micro-geochronology: A LA-ICP-MS and SHRIMP Uâ€“Thâ€“Pb study. Chemical Geology, 2007, 245, 162-182.	3.3	122
52	Growth of early Archaean crust in the Ancient Gneiss Complex of Swaziland as revealed by single zircon dating. Tectonophysics, 1989, 161, 271-298.	2.2	121
53	Extreme zircon O isotopic compositions from 3.8 to 2.5 Ga magmatic rocks from the Anshan area, North China Craton. Chemical Geology, 2013, 352, 108-124.	3.3	117
54	Rate of growth of the preserved North American continental crust: Evidence from Hf and O isotopes in Mississippi detrital zircons. Geochimica Et Cosmochimica Acta, 2009, 73, 712-728.	3.9	113

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55	Uraniumâ€ lead ages for lunar zircons: Evidence for a prolonged period of granophyre formation from 4.32 to 3.88 Ga. Meteoritics and Planetary Science, 1996, 31, 370-387.	1.6	110
56	SHRIMP zircon geochronology, and geochemical characteristics of metaplutonic rocks from the south-western Gyeonggi Block, Korea: Implications for Paleoproterozoic to Mesozoic tectonic links between the Korean Peninsula and eastern China. Precambrian Research, 2008, 162, 475-497.	2.7	109
57	The 3.4â€"3.5 Ga SÃ£o JosÃ© do Campestre massif, NE Brazil: remnants of the oldest crust in South America. Precambrian Research, 2004, 130, 113-137.	2.7	108
58	A review of the geology, mineralization, and geochronology of the Greenbushes Pegmatite, Western Australia. Economic Geology, 1995, 90, 616-635.	3.8	106
59	Cambrian ensialic rift-related magmatism in the Ossa-Morena Zone (Ã‰voraâ€"Aracena metamorphic belt,) Tj ETQq1 1 0.784314 rgBT 2008, 461, 91-113.	2.2	106
60	SHRIMP U-Pb zircon geochronology of the Narryer Gneiss Complex, Western Australia. Precambrian Research, 1991, 52, 275-300.	2.7	105
61	U-Pb Isotopic Systematics of Zircons from Prograde and Retrograde Transition Zones in High-Grade Orthogneisses, Sri Lanka. Journal of Geology, 1991, 99, 527-545.	1.4	105
62	Impact Ejecta Horizon Within Late Precambrian Shales, Adelaide Geosyncline, South Australia. Science, 1986, 233, 198-200.	12.6	103
63	The use of protolith zircon-age fingerprints in determining the protosource areas for some Australian dune sands. Sedimentary Geology, 1997, 109, 233-260.	2.1	98
64	Eclogites of the Snowbird tectonic zone: petrological and U-Pb geochronological evidence for Paleoproterozoic high-pressure metamorphism in the western Canadian Shield. Contributions To Mineralogy and Petrology, 2004, 147, 528-548.	3.1	94
65	Inherited and Magmatic Zircon from Neogene Hoyazo Cordierite Dacite, SE Spain--Anatectic Source Rock Provenance and Magmatic Evolution: In Memoriam Professor Chris Powell, dagger 2001.07.21. Journal of Petrology, 2002, 43, 1089-1104.	2.8	93
66	New conodont Î´18O records of Silurian climate change: Implications for environmental and biological events. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 443, 34-48.	2.3	92
67	Granite-greenstone terranes in the Pilbara Block, Australia, as coeval volcano-plutonic complexes; Evidence from U-Pb zircon dating of the Mount Edgar Batholith. Earth and Planetary Science Letters, 1990, 97, 41-53.	4.4	90
68	Geochemistry and geochronology of the Rathjen Gneiss: Implications for the early tectonic evolution of the Delamerian Orogen. Australian Journal of Earth Sciences, 1999, 46, 377-389.	1.0	88
69	Crustal response to continental collisions between the Tibet, Indian, South China and North China Blocks: geochronological constraints from the Songpanâ€GarzÃª Orogenic Belt, western China. Journal of Metamorphic Geology, 2003, 21, 223-240.	3.4	88
70	Ediacaran to Lower Ordovician age for rocks ascribed to the Schistâ€"Graywacke Complex (Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 22, 928-942.	6.0	87
71	Age of the barramundi orogeny in northern Australia by means of ion microprobe and conventional U-Pb zircon studies. Precambrian Research, 1988, 40-41, 21-36.	2.7	84
72	Zircon Uâ€"Pb dating of Early Palaeozoic monzonitic intrusives from the Goonumbla area, New South Wales. Australian Journal of Earth Sciences, 2001, 48, 457-464.	1.0	82

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73	Dating the lower crust by ion microprobe. Earth and Planetary Science Letters, 1987, 85, 145-161.	4.4	79
74	Precambrian zircons from the Florida basement: A Gondwanan connection. Geology, 1994, 22, 119.	4.4	77
75	Ion-probe zircon dating of a mid-Early Cambrian tuff in South Australia. Journal of the Geological Society, 1992, 149, 185-192.	2.1	76
76	Development of SHRIMP. Australian Journal of Earth Sciences, 2008, 55, 937-954.	1.0	76
77	New insights from Uâ€"Pb zircon dating of Early Ordovician magmatism on the northern Gondwana margin: The Urra Formation (SW Iberian Massif, Portugal). Tectonophysics, 2008, 461, 114-129.	2.2	74
78	A comparison of K-Ar and Rb-Sr ages of rapidly cooled igneous rocks: two points in the Palaeozoic time scale re-evaluated. Journal of the Geological Society, 1982, 139, 557-568.	2.1	71
79	The Simpson, Strzelecki and Tirari Deserts: development and sand provenance. Sedimentary Geology, 2000, 130, 107-130.	2.1	71
80	Timing relationships between pegmatite emplacement, metamorphism and deformation during the intraâ€plate Alice Springs Orogeny, central Australia. Journal of Metamorphic Geology, 2008, 26, 915-936.	3.4	71
81	SHRIMP ionprobe dating of short-lived Proterozoic tectonic cycles in the northern Arunta Inlier, central Australia. Precambrian Research, 1995, 71, 69-89.	2.7	70
82	Testing longâ€term patterns of basin sedimentation by detrital zircon geochronology, Centralian Superbasin, Australia. Basin Research, 2007, 19, 335-360.	2.7	70
83	The growth of Early Proterozoic crust: new evidence from Svecofennian detrital zircons. Terra Nova, 1991, 3, 175-178.	2.1	68
84	Magma to mud to magma: Rapid crustal recycling by Permian granite magmatism near the eastern Gondwana margin. Earth and Planetary Science Letters, 2012, 319-320, 104-117.	4.4	68
85	Sensitive high-resolution ion microprobe U-Pb dating of prograde and retrograde ultrahigh-temperature metamorphism as exemplified by Sri Lankan granulites. Geology, 2010, 38, 971-974.	4.4	67
86	A Paleozoic subduction complex in Korea: SHRIMP zircon Uâ€"Pb ages and tectonic implications. Gondwana Research, 2011, 20, 890-903.	6.0	66
87	Granite genesis and basin formation in an extensional setting: The magmatic history of the Northernmost New England Orogen*. Australian Journal of Earth Sciences, 1998, 45, 875-888.	1.0	65
88	Geochemical and isotopic constraints on the petrogenesis of Early Ordovician granodiorite and Variscan two-mica granites from the Gouveia area, central Portugal. Lithos, 2009, 111, 186-202.	1.4	65
89	Early carboniferous wrenching, exhumation of high-grade metamorphic rocks and basin instability in SW Iberia: Constraints derived from structural geology and Uâ€"Pb and 40Arâ€"39Ar geochronology. Tectonophysics, 2012, 558-559, 28-44.	2.2	64
90	A combined zircon SHRIMP and Smâ€"Nd isotope study of high-grade paragneisses from the Mid-German Crystalline Rise: evidence for northern Gondwanan and Grenvillian provenance. Journal of the Geological Society, 2001, 158, 983-994.	2.1	63

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91	Neoproterozoic Bimodal Volcanism in the Okcheon Belt, South Korea, and Its Comparison with the Nanhua Rift, South China: Implications for Rifting in Rodinia. Journal of Geology, 2006, 114, 717-733.	1.4	63
92	Peri-Gondwanan origin and early geodynamic history of NE Sicily: A zircon tale from the basement of the Peloritani Mountains. Gondwana Research, 2012, 22, 855-865.	6.0	63
93	Wintertime stress, nursing, and lead exposure in Neanderthal children. Science Advances, 2018, 4, eaau9483.	10.3	63
94	Complex history of a zircon aggregate from lunar breccia 73235. Geochimica Et Cosmochimica Acta, 2007, 71, 1370-1381.	3.9	62
95	REE, U, Th, and Hf distribution in zircon from Western Carpathian Variscan granitoids: A combined cathodoluminescence and ion microprobe study. Numerische Mathematik, 2001, 301, 858-876.	1.4	61
96	Timing and rate of isothermal decompression in Pan-African granulites from RundvÃ¥gshetta, East Antarctica. Journal of Metamorphic Geology, 2000, 18, 441-454.	3.4	60
97	Provenance ages for the Witwatersrand Supergroup and the Ventersdorp contact reef; constraints from ion microprobe U-Pb ages of detrital zircons. Economic Geology, 1989, 84, 2012-2019.	3.8	59
98	Spinel granulite in Odesan area, South Korea: Tectonic implications for the collision between the North and South China blocks. Lithos, 2006, 92, 557-575.	1.4	57
99	Variscan intra-orogenic extensional tectonics in the Ossa-Morena Zone (Ã‰vora-Aracena-Lora del RÃ±Ìo) Tj ETQq1 1 0.784314 rgBT / Special Publication, 2009, 327, 215-237.	1.3	57
100	Stabilization and reactivation of cratonic lithosphere from the lower crustal record in the western Canadian shield. Contributions To Mineralogy and Petrology, 2008, 156, 529-549.	3.1	56
101	Zircon U-Pb Chronometry of the Pressure and Temperature History of Granulites in the Musgrave Ranges, Central Australia. Journal of Geology, 1991, 99, 675-697.	1.4	55
102	Geochronological evidence for â¼ 530â€"550 Ma juxtaposition of two Proterozoic metamorphic terranes in the Musgrave Ranges, Central Australia. Australian Journal of Earth Sciences, 1992, 39, 457-471.	1.0	55
103	A new method for the estimation of cooling and denudation rates using paramagnetic centers in quartz: A case study on the Eldzhurtinskiy Granite, Caucasus. Journal of Geophysical Research, 1999, 104, 17531-17549.	3.3	55
104	Tectonic cycles in the Strangways Metamorphic Complex, Arunta Inlier, central Australia: geochronological evidence for exhumation and basin formation between two high-grade metamorphic events*. Australian Journal of Earth Sciences, 2005, 52, 205-215.	1.0	55
105	Oxygen isotopic evidence for Late Triassic monsoonal upwelling in the northwestern Tethys. Geology, 2012, 40, 515-518.	4.4	55
106	Extended history of a 3.5 Ga trondhjemitic gneiss, Wyoming Province, USA: evidence from Uî—,Pb systematics in zircon. Precambrian Research, 1996, 78, 41-52.	2.7	54
107	Post-collisional volcanism in a sinking slab settingâ€"crustal anatectic origin of pyroxene-andesite magma, Caldear Volcanic Group, Neogene AlborÃ¡n volcanic province, southeastern Spain. Lithos, 1998, 45, 499-522.	1.4	53
108	Archaean fluid-assisted crustal cannibalism recorded by low Î´18O and negative ÎµHf(T) isotopic signatures of West Greenland granite zircon. Contributions To Mineralogy and Petrology, 2011, 161, 1027-1050.	3.1	53

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109	Crustal Contributions to Late Hercynian Peraluminous Magmatism in the Southern Calabria-Peloritani Orogen, Southern Italy: Petrogenetic Inferences and the Gondwana Connection. Journal of Petrology, 2008, 49, 1497-1514.	2.8	49
110	In situ U-Pb dating of zircon formed from retrograde garnet breakdown during decompression in Rogaland, SW Norway. Journal of Metamorphic Geology, 2005, 23, 201-215.	3.4	47
111	Uâ€"Thâ€"Pb SHRIMP ages and oxygen isotope composition of zircon from two contrasting late Variscan granitoids, Nisa-Albuquerque batholith, SW Iberian Massif: Petrologic and regional implications. Lithos, 2009, 111, 156-167.	1.4	47
112	In situ microanalysis for 34S/32S ratios using the ion microprobe SHRIMP. International Journal of Mass Spectrometry and Ion Processes, 1987, 76, 65-83.	1.8	46
113	Zircon inheritance in mafic inclusions from Bega batholith granites, southeastern Australia: An ion microprobe study. Journal of Geophysical Research, 1990, 95, 17787-17796.	3.3	46
114	Relict 1.4 Ga oceanic crust in the Zambezi Valley, northern Zimbabwe: Evidence for Mesoproterozoic supercontinental fragmentation. Geology, 1998, 26, 571.	4.4	46
115	Architecture of a 1.38â€"1.34 Ga graniteâ€"rhyolite complex as revealed by geochronology and isotopic and elemental geochemistry of subsurface samples from west Texas, USA. Precambrian Research, 2002, 119, 9-43.	2.7	45
116	U-Th-Pb systematics of individual perovskite grains from the Allende and Murchison carbonaceous chondrites. Earth and Planetary Science Letters, 1990, 101, 379-387.	4.4	43
117	Ordovician high-grade metamorphism of a newly recognised late Neoproterozoic terrane in the northern Harts Range,central Australia. Journal of Metamorphic Geology, 2001, 19, 373-394.	3.4	42
118	Detrital zircon provenance constraints on the evolution of the Harts Range Metamorphic Complex (central Australia): links to the Centralian Superbasin. Journal of the Geological Society, 2005, 162, 777-787.	2.1	42
119	In situ oxygen isotope micro-analysis of faunal material and human teeth using a SHRIMP II: a new tool for palaeo-ecology and archaeology. Journal of Archaeological Science, 2012, 39, 3184-3194.	2.4	42
120	Ion microprobe U-Th-Pb isotopic studies of zircons from three early Precambrian areas in the U.S.S.R.. Precambrian Research, 1990, 48, 203-221.	2.7	41
121	Carbon and Uâ€"Pb evidence for a Palaeoproterozoic crustal component in the Central Zone of the Limpopo Belt, South Africa. Journal of the Geological Society, 2003, 160, 601-612.	2.1	41
122	Thermal History of UHT Metamorphism in the Napier Complex, East Antarctica: Insights from Zircon, Monazite, and Garnet Ages. Journal of Geology, 2006, 114, 65-84.	1.4	40
123	The augen gneisses of the Peloritani Mountains (NE Sicily): Granitoid magma production during rapid evolution of the northern Gondwana margin at the end of the Precambrian. Gondwana Research, 2013, 23, 782-796.	6.0	40
124	Sulfur isotope variability in sediment-hosted massive sulfide deposits as determined using the ion microprobe SHRIMP; I, An example from the Rammelsberg orebody. Economic Geology, 1988, 83, 443-449.	3.8	39
125	Different age response of zircon and monazite during the tectono-metamorphic evolution of a high grade paragneiss from the Ruhla Crystalline Complex, central Germany. Contributions To Mineralogy and Petrology, 2003, 145, 691-706.	3.1	39
126	Zircon age evidence for the Late Precambrian Acraman ejecta blanket. Australian Journal of Earth Sciences, 1987, 34, 435-445.	1.0	38

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127	Source of the Northeastern Idaho Batholith: Isotopic Evidence for a Paleoproterozoic Terrane in the Northwestern U.S.. Journal of Geology, 1995, 103, 63-72.	1.4	38
128	Zircon Uâ€“Pb geochronology of paragneisses and biotite granites from the SW Iberian Massif (Portugal): evidence for a palaeogeographical link between the Ossaâ€“Morena Ediacaran basins and the West African craton. Geological Society Special Publication, 2008, 297, 385-408.	1.3	38
129	Uncoupled O and Hf isotopic systems in zircon from the contrasting granite suites of the New England Orogen, eastern Australia: Implications for studies of Phanerozoic magma genesis. Geochimica Et Cosmochimica Acta, 2014, 146, 132-149.	3.9	37
130	The multistage crystallization of zircon in calc-alkaline granitoids: Uâ€“Pb age constraints on the timing of Variscan tectonic activity in SW Iberia. International Journal of Earth Sciences, 2015, 104, 1167-1183.	1.8	37
131	Evidence for an Early Archean component in the Middle to Late Archean gneisses of the Wind River Range, west-central Wyoming: conventional and ion microprobe U-Pb data. Contributions To Mineralogy and Petrology, 1989, 101, 198-206.	3.1	36
132	Hercynian Metamorphism in Nappe Core Complexes of the Alpine Beticâ€“Rif Belt, Western Mediterraneanâ€"a SHRIMP Zircon Study. Journal of Petrology, 2001, 42, 1373-1385.	2.8	36
133	Monazite to the rescue: Uâ€“Thâ€“Pb dating of the intrusive history of the composite Karkonosze pluton, Bohemian Massif. Chemical Geology, 2014, 364, 76-92.	3.3	36
134	Dampier Ridge, Tasman Sea, as a stranded continental fragmentâˆ—. Australian Journal of Earth Sciences, 1994, 41, 395-406.	1.0	35
135	Early Carboniferous (VisÃ©an) emplacement of the collisional KÅ‚odzkoâ€“ZÅ‚oty Stok granitoids (Sudetes,) Tj ETQq1 1 0.784314 rgBT Sciences, 2013, 102, 1007-1027.	1.8	35
136	High grade metamorphism of sedimentary rocks during Palaeozoic rift basin formation in central Australia. Gondwana Research, 2013, 24, 865-885.	6.0	34
137	Geochronologic constraints on syntaxial development in the Nanga Parbat region, Pakistan. Tectonics, 1996, 15, 1292-1308.	2.8	33
138	Discussion and Reply: Evaluation of petrogenetic models for Lachlan Fold Belt granitoids: Implications for crustal architecture and tectonic models. Australian Journal of Earth Sciences, 1999, 46, 827-836.	1.0	33
139	Evidence for prolonged mid-Paleozoic plutonism and ages of crustal sources in east-central Alaska from SHRIMP Uâ€“Pb dating of syn-magmatic, inherited, and detrital zircon. Canadian Journal of Earth Sciences, 2009, 46, 21-39.	1.3	33
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