

Peter D Kinny

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1579162/publications.pdf>

Version: 2024-02-01

97
papers

15,576
citations

24978

57
h-index

35952

97
g-index

100
all docs

100
docs citations

100
times ranked

5558
citing authors

#	ARTICLE	IF	CITATIONS
1	Atlas of Zircon Textures. <i>Reviews in Mineralogy and Geochemistry</i> , 2003, 53, 469-500.	2.2	2,521
2	Geochronology of Neoproterozoic syn-rift magmatism in the Yangtze Craton, South China and correlations with other continents: evidence for a mantle superplume that broke up Rodinia. <i>Precambrian Research</i> , 2003, 122, 85-109.	1.2	1,020
3	Zircon megacrysts from kimberlite: oxygen isotope variability among mantle melts. <i>Contributions To Mineralogy and Petrology</i> , 1998, 133, 1-11.	1.2	800
4	The breakup of Rodinia: did it start with a mantle plume beneath South China?. <i>Earth and Planetary Science Letters</i> , 1999, 173, 171-181.	1.8	739
5	Grenvillian continental collision in south China: New SHRIMP U-Pb zircon results and implications for the configuration of Rodinia. <i>Geology</i> , 2002, 30, 163.	2.0	723
6	Episodic growth of the Gondwana supercontinent from hafnium and oxygen isotopes in zircon. <i>Nature</i> , 2006, 439, 580-583.	13.7	640
7	U-Pb zircon geochronology, geochemistry and Nd isotopic study of Neoproterozoic bimodal volcanic rocks in the Kangdian Rift of South China: implications for the initial rifting of Rodinia. <i>Precambrian Research</i> , 2002, 113, 135-154.	1.2	492
8	Ion microprobe identification of 4,100-4,200 Myr-old terrestrial zircons. <i>Nature</i> , 1983, 304, 616-618.	13.7	460
9	The Itsaq Gneiss Complex of southern West Greenland; the world's most extensive record of early crustal evolution (3900-3600 Ma). <i>Precambrian Research</i> , 1996, 78, 1-39.	1.2	450
10	Understanding Mesozoic accretion in Southeast Asia: Significance of Triassic thermotectonism (Indosinian orogeny) in Vietnam. <i>Geology</i> , 2001, 29, 211.	2.0	448
11	The Earth's oldest known crust: A geochronological and geochemical study of 3900-4200 Ma old detrital zircons from Mt. Narryer and Jack Hills, Western Australia. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 1281-1300.	1.6	381
12	Lu-Hf and Sm-Nd isotope systems in zircon. <i>Reviews in Mineralogy and Geochemistry</i> , 2003, 53, 327-341.	2.2	354
13	Identifying Accessory Mineral Saturation during Differentiation in Granitoid Magmas: an Integrated Approach. <i>Journal of Petrology</i> , 2000, 41, 1365-1396.	1.1	331
14	The significance of monazite U-Th-Pb age data in metamorphic assemblages; a combined study of monazite and garnet chronometry. <i>Earth and Planetary Science Letters</i> , 2000, 181, 327-340.	1.8	294
15	Geochronological constraints for a two-stage history of the Albany-Fraser Orogen, Western Australia. <i>Precambrian Research</i> , 2000, 102, 155-183.	1.2	238
16	The Siberian lithosphere traverse: mantle terranes and the assembly of the Siberian Craton. <i>Tectonophysics</i> , 1999, 310, 1-35.	0.9	212
17	Neoproterozoic orogeny along the margin of Rodinia: Valhalla orogen, North Atlantic. <i>Geology</i> , 2010, 38, 99-102.	2.0	199
18	SHRIMP U-Pb age constraints on magmatism and high-grade metamorphism in the Salem Block, southern India. <i>Gondwana Research</i> , 2009, 16, 27-36.	3.0	198

#	ARTICLE	IF	CITATIONS
19	3820 Ma zircons from a tonalitic Archaean gneiss in the Godthåb district of Southern West Greenland. <i>Earth and Planetary Science Letters</i> , 1986, 79, 337-347.	1.8	184
20	The deep crust beneath island arcs: Inherited zircons reveal a Gondwana continental fragment beneath East Java, Indonesia. <i>Earth and Planetary Science Letters</i> , 2007, 258, 269-282.	1.8	169
21	The age and Pb loss behaviour of zircons from the Isua supracrustal belt as determined by ion microprobe. <i>Earth and Planetary Science Letters</i> , 1986, 80, 71-81.	1.8	165
22	Svecofennian detrital zircon ages—implications for the Precambrian evolution of the Baltic Shield. <i>Precambrian Research</i> , 1993, 64, 109-130.	1.2	148
23	Age constraints on the geological evolution of the Narryer Gneiss Complex, Western Australia. <i>Australian Journal of Earth Sciences</i> , 1990, 37, 51-69.	0.4	147
24	Timing of late Archaean terrane assembly, crustal thickening and granite emplacement in the Nuuk region, southern West Greenland. <i>Earth and Planetary Science Letters</i> , 1996, 142, 353-365.	1.8	134
25	A reconnaissance ion-probe study of hafnium isotopes in zircons. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 849-859.	1.6	132
26	Early archaean zircon ages from orthogneisses and anorthosites at Mount Narryer, Western Australia. <i>Precambrian Research</i> , 1988, 38, 325-341.	1.2	131
27	Zircon ages and the distribution of Archaean and Proterozoic rocks in the Rauer Islands. <i>Antarctic Science</i> , 1993, 5, 193-206.	0.5	127
28	Crystal-plastic deformation of zircon: A defect in the assumption of chemical robustness. <i>Geology</i> , 2006, 34, 257.	2.0	122
29	Two stages of zircon and monazite growth in anatectic leucogneiss: SHRIMP constraints on the duration and intensity of Pan-African metamorphism in Prydz Bay, East Antarctica. <i>Terra Nova</i> , 1997, 9, 47-51.	0.9	115
30	Laurentian provenance and an intracratonic tectonic setting for the Moine Supergroup, Scotland, constrained by detrital zircons from the Loch Eil and Glen Urquhart successions. <i>Journal of the Geological Society</i> , 2004, 161, 861-874.	0.9	114
31	A reappraisal of the Lewisian Gneiss Complex: geochronological evidence for its tectonic assembly from disparate terranes in the Proterozoic. <i>Contributions To Mineralogy and Petrology</i> , 2001, 142, 198-218.	1.2	110
32	SHRIMP U-Pb zircon geochronology of the Narryer Gneiss Complex, Western Australia. <i>Precambrian Research</i> , 1991, 52, 275-300.	1.2	105
33	Anatomy of an Early Archaean gneiss complex: 3900 to 3600 Ma crustal evolution in southern West Greenland. <i>Geology</i> , 1993, 21, 415.	2.0	104
34	U-Pb isotopic evidence for the accretion of different crustal blocks to form the Lewisian Complex of northwest Scotland. <i>Contributions To Mineralogy and Petrology</i> , 1997, 129, 326-340.	1.2	103
35	New evidence for protolith ages of Lewisian granulites, northwest Scotland. <i>Geology</i> , 1995, 23, 1027.	2.0	102
36	Provenance of the Moine Supergroup of NW Scotland: evidence from geochronology of detrital and inherited zircons from (meta)sedimentary rocks, granites and migmatites. <i>Journal of the Geological Society</i> , 2003, 160, 247-257.	0.9	102

#	ARTICLE	IF	CITATIONS
37	U–Pb geochronology of Neoproterozoic and Caledonian tectonothermal events in the East Greenland Caledonides. <i>Journal of the Geological Society</i> , 2000, 157, 1031-1048.	0.9	100
38	Proposal for a terrane-based nomenclature for the Lewisian Gneiss Complex of NW Scotland. <i>Journal of the Geological Society</i> , 2005, 162, 175-186.	0.9	100
39	U–Pb geochronology of regional migmatites in East Sutherland, Scotland: evidence for crustal melting during the Caledonian orogeny. <i>Journal of the Geological Society</i> , 1999, 156, 1143-1152.	0.9	98
40	High-granulites and polymetamorphism in the southern Arunta Region, central Australia: Evidence for a 1.64Ga accretional event. <i>Precambrian Research</i> , 2005, 142, 1-27.	1.2	91
41	U-Pb zircon geochronological evidence for Neoproterozoic events in the Glenfinnan Group (Moine) Tj ETQq1 1 0.784314 rgBT /Overlock Mineralogy and Petrology, 1997, 128, 101-113.	1.2	90
42	Bulk chemical control on metamorphic monazite growth in pelitic schists and implications for U-Pb age data. <i>Journal of Metamorphic Geology</i> , 2005, 23, 261-277.	1.6	89
43	U–Pb geochronology of deformed metagranites in central Sutherland, Scotland: evidence for widespread late Silurian metamorphism and ductile deformation of the Moine Supergroup during the Caledonian orogeny. <i>Journal of the Geological Society</i> , 2003, 160, 259-269.	0.9	83
44	Three metamorphic events recorded in a single garnet: Integrated phase modelling, <i>in situ</i> LA-ICPMS and SIMS geochronology from the Moine Supergroup, NW Scotland. <i>Journal of Metamorphic Geology</i> , 2010, 28, 249-267.	1.6	81
45	Charge contrast imaging of geological materials in the environmental scanning electron microscope. <i>American Mineralogist</i> , 2000, 85, 1784-1794.	0.9	79
46	Relationship among titanium, rare earth elements, U–Pb ages and deformation microstructures in zircon: Implications for Ti-in-zircon thermometry. <i>Chemical Geology</i> , 2011, 280, 33-46.	1.4	79
47	Zirconology of the Meeberrie gneiss, Yilgarn Craton, Western Australia: an early Archaean migmatite. <i>Precambrian Research</i> , 1996, 78, 165-178.	1.2	76
48	U–Pb ages from the Harts Range, central Australia: evidence for early Ordovician extension and constraints on Carboniferous metamorphism. <i>Journal of the Geological Society</i> , 1999, 156, 715-730.	0.9	75
49	The difficulties of dating mafic dykes: an Antarctic example. <i>Contributions To Mineralogy and Petrology</i> , 1991, 109, 183-194.	1.2	74
50	Depositional age, provenance and metamorphic age of metasedimentary rocks from southern Madagascar. <i>Gondwana Research</i> , 2012, 21, 353-361.	3.0	73
51	Enhanced diffusion of Uranium and Thorium linked to crystal plasticity in zircon. <i>Geochemical Transactions</i> , 2006, 7, 10.	1.8	72
52	Mesoproterozoic rifting and Pan-African continental collision in SE India: evidence from the Khariar alkaline complex. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 434-456.	1.2	71
53	The growth of Early Proterozoic crust: new evidence from Svecofennian detrital zircons. <i>Terra Nova</i> , 1991, 3, 175-178.	0.9	68
54	Rapid production and evolution of late Archaean felsic crust in the Vestfold Block of East Antarctica. <i>Precambrian Research</i> , 1991, 50, 283-310.	1.2	67

#	ARTICLE	IF	CITATIONS
55	Timing of magmatism and metamorphism in the Gruinard Bay area of the Lewisian Gneiss Complex: comparisons with the Assynt Terrane and implications for terrane accretion. <i>Contributions To Mineralogy and Petrology</i> , 2004, 146, 620-636.	1.2	62
56	The foreland-propagating thrust architecture of the East Greenland Caledonides 72°–75°N. <i>Journal of the Geological Society</i> , 2004, 161, 1009-1026.	0.9	61
57	Large-scale crustal structure of the Northwestern Yilgarn Craton, western Australia: Evidence from Nd isotopic data and zircon geochronology. <i>Tectonics</i> , 1993, 12, 971-981.	1.3	59
58	The origin of sapphires: U–Pb dating of zircon inclusions sheds new light. <i>Mineralogical Magazine</i> , 1990, 54, 113-122.	0.6	58
59	Interpreting granulite facies events through rare earth element partitioning arrays. <i>Journal of Metamorphic Geology</i> , 2017, 35, 759-775.	1.6	57
60	U–Pb geochronology of the Fort Augustus granite gneiss: constraints on the timing of Neoproterozoic and Palaeozoic tectonothermal events in the NW Highlands of Scotland. <i>Journal of the Geological Society</i> , 2001, 158, 7-14.	0.9	56
61	A mantle metasomatic injection event linked to late Cretaceous kimberlite magmatism. <i>Nature</i> , 1992, 360, 726-728.	13.7	55
62	Late Archean and Early Proterozoic crustal evolution of the Mount Isa block, northwest Queensland, Australia. <i>Geology</i> , 1997, 25, 1095.	2.0	55
63	~3850 Ma BIF and mafic inclusions in the early Archaean Itsaq Gneiss Complex around Akilia, southern West Greenland? The difficulties of precise dating of zircon-free protoliths in migmatites. <i>Precambrian Research</i> , 2002, 117, 185-224.	1.2	53
64	Zircon from the Mantle: A New Way to Date Old Diamonds. <i>Journal of Geology</i> , 1994, 102, 475-481.	0.7	50
65	High-grade Paleoproterozoic reworking in the southeastern Gawler Craton, South Australia —. <i>Australian Journal of Earth Sciences</i> , 2008, 55, 1063-1081.	0.4	45
66	Reappraising the P–T evolution of the Rogaland–Vest Agder Sector, southwestern Norway. <i>Geoscience Frontiers</i> , 2017, 8, 1-14.	4.3	43
67	Subduction or sagduction? Ambiguity in constraining the origin of ultramafic–mafic bodies in the Archean crust of NW Scotland. <i>Precambrian Research</i> , 2016, 283, 89-105.	1.2	42
68	Relationships between magmatism, metamorphism and deformation in the Fraser Complex, Western Australia: Constraints from new SHRIMP U–Pb zircon geochronology. <i>Australian Journal of Earth Sciences</i> , 1999, 46, 923-932.	0.4	41
69	Dating lower crust and upper mantle events: an ion microprobe study of xenoliths from kimberlitic pipes, South Australia. <i>Lithos</i> , 1994, 32, 77-94.	0.6	40
70	U–Pb zircon dating of basement inliers within the Moine Supergroup, Scottish Caledonides: implications of Archean protolith ages. <i>Journal of the Geological Society</i> , 2008, 165, 807-815.	0.9	40
71	U–Pb geochronology of late Neoproterozoic augen granites in the Moine Supergroup, NW Scotland: dating of rift-related, felsic magmatism during supercontinent break-up?. <i>Journal of the Geological Society</i> , 2003, 160, 925-934.	0.9	38
72	Sedimentary provenance and age of metamorphism of the Vestfold Hills, East Antarctica: Evidence for a piece of Chinese Antarctica?. <i>Precambrian Research</i> , 2012, 196-197, 23-45.	1.2	38

#	ARTICLE	IF	CITATIONS
73	A relic of the Mozambique Ocean in south-east Tanzania. <i>Precambrian Research</i> , 2018, 305, 386-426.	1.2	34
74	Palaeoproterozoic terrane assembly in the Lewisian Gneiss Complex on the Scottish mainland, south of Gruinard Bay: SHRIMP U–Pb zircon evidence. <i>Precambrian Research</i> , 2010, 183, 89-111.	1.2	31
75	The age of (a tiny part of) the Australian continent. <i>Nature</i> , 1985, 317, 559-560.	13.7	28
76	Timing of gold mineralization in the Mt York district, Pilgangoora greenstone belt, and implications for the tectonic and metamorphic evolution of an area linking the western and eastern Pilbara Craton. <i>Precambrian Research</i> , 1998, 88, 249-265.	1.2	27
77	Progressive fold and fabric evolution associated with regional strain gradients: a case study from across a Scandian ductile thrust nappe, Scottish Caledonides. <i>Geological Society Special Publication</i> , 2010, 335, 255-274.	0.8	27
78	Zircons and clay from morainal Permian siltstone at Mt Rymill (73°S, 66°E), Prince Charles Mountains, Antarctica, reflect the ancestral Gamburtsev Subglacial Mountains–Vostok Subglacial Highlands complex. <i>Gondwana Research</i> , 2008, 14, 343-354.	3.0	25
79	The Laxford Shear Zone: an end-Archaean terrane boundary?. <i>Geological Society Special Publication</i> , 2010, 335, 103-120.	0.8	24
80	12. Lu-Hf and Sm-Nd isotope systems in zircon. , 2003, , 327-342.		22
81	Dating Prograde Amphibolite and Granulite Facies Metamorphism Using In Situ Monazite U–Pb SHRIMP Analysis. <i>Journal of Geology</i> , 2007, 115, 691-705.	0.7	21
82	Zircon U–Th–Pb–He double dating of the Merlin kimberlite field, Northern Territory, Australia. <i>Lithos</i> , 2009, 112, 592-599.	0.6	21
83	Lower crustal and possible shallow mantle samples from beneath the Hebrides: evidence from a xenolithic dyke at Gribun, western Mull. <i>Journal of the Geological Society</i> , 1998, 155, 813-828.	0.9	20
84	Reconnaissance dating of events recorded in the southern part of the Capricorn Orogen. <i>Precambrian Research</i> , 2004, 128, 279-294.	1.2	19
85	Strontium isotope analysis of apatite via SIMS. <i>Chemical Geology</i> , 2021, 559, 119979.	1.4	14
86	Applications of the SHRIMP I ion microprobe to the understanding of processes and timing of diamond formation. <i>Economic Geology</i> , 1995, 90, 271-280.	1.8	13
87	Closed system behaviour of argon in osumilite records protracted high- <i>T</i> metamorphism within the Rogaland–Vest Agder Sector, Norway. <i>Journal of Metamorphic Geology</i> , 2019, 37, 667-680.	1.6	11
88	Evidence from U–Pb zircon geochronology for early Neoproterozoic (Tonian) reworking of an Archaean inlier in northeastern Shetland, Scottish Caledonides. <i>Journal of the Geological Society</i> , 2017, 174, 217-232.	0.9	10
89	Discussion on a terrane-based nomenclature for the Lewisian Gneiss Complex of NW Scotland <i>Journal</i> , Vol. 162, 2005, pp. 175–186. <i>Journal of the Geological Society</i> , 2005, 162, 893-895.	0.9	9
90	Timing of magmatism and metamorphism in the Gruinard Bay area of the Lewisian Gneiss Complex: comparison with the Assynt Terrane and implications for terrane accretion—reply. <i>Contributions To Mineralogy and Petrology</i> , 2007, 153, 489-492.	1.2	9

#	ARTICLE	IF	CITATIONS
91	The Neoproterozoic Uyea Gneiss Complex, Shetland: an onshore fragment of the Rae Craton on the European Plate. <i>Journal of the Geological Society</i> , 2019, 176, 847-862.	0.9	9
92	Isotopic modelling of Archean crustal evolution from comagmatic zircon-apatite pairs. <i>Earth and Planetary Science Letters</i> , 2021, 575, 117194.	1.8	6
93	Thermal metamorphism near Willi Willi, New South Wales. <i>Australian Journal of Earth Sciences</i> , 1985, 32, 333-342.	0.4	5
94	A Toba-scale eruption in the Early Miocene: The Semilir eruption, East Java, Indonesia. <i>Lithos</i> , 2011, 126, 198-211.	0.6	5
95	Phase Decomposition upon Alteration of Radiation-Damaged Monazite (Ce) from Moss, Årstad, Norway. <i>Chimia</i> , 2010, 64, 705-711.	0.3	4
96	Iridescent anthophyllite-gedrite from Simiuttat, Nuuk district, southern West Greenland composition, exsolution, age. <i>Mineralogical Magazine</i> , 1996, 60, 937-947.	0.6	3
97	Probing the history of ultra-high temperature metamorphism through rare earth element diffusion in zircon. <i>Journal of Metamorphic Geology</i> , 2022, 40, 329-357.	1.6	3