

Alan Collins

List of Publications by Year in descending order

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208
papers

14,461
citations

23500

58
h-index

20900

115
g-index

234
all docs

234
docs citations

234
times ranked

5622
citing authors

#	ARTICLE	IF	CITATIONS
1	Assembly, configuration, and break-up history of Rodinia: A synthesis. <i>Precambrian Research</i> , 2008, 160, 179-210.	1.2	2,747
2	Amalgamating eastern Gondwana: The evolution of the Circum-Indian Orogens. <i>Earth-Science Reviews</i> , 2005, 71, 229-270.	4.0	779
3	Late Cryogenian–Ediacaran history of the Arabian–Nubian Shield: A review of depositional, plutonic, structural, and tectonic events in the closing stages of the northern East African Orogen. <i>Journal of African Earth Sciences</i> , 2011, 61, 167-232.	0.9	566
4	Orogen styles in the East African Orogen: A review of the Neoproterozoic to Cambrian tectonic evolution. <i>Journal of African Earth Sciences</i> , 2013, 86, 65-106.	0.9	561
5	A full-plate global reconstruction of the Neoproterozoic. <i>Gondwana Research</i> , 2017, 50, 84-134.	3.0	474
6	The Tectonic Evolution of Central and Northern Madagascar and Its Place in the Final Assembly of Gondwana. <i>Journal of Geology</i> , 2002, 110, 325-339.	0.7	259
7	Peninsular India in Gondwana: The tectonothermal evolution of the Southern Granulite Terrain and its Gondwanan counterparts. <i>Gondwana Research</i> , 2014, 25, 190-203.	3.0	253
8	Passage through India: the Mozambique Ocean suture, high-pressure granulites and the Palghat-Cauvery shear zone system. <i>Terra Nova</i> , 2007, 19, 141-147.	0.9	228
9	Processes of Late Cretaceous to Late Miocene episodic thrust-sheet translation in the Lycian Taurides, SW Turkey. <i>Journal of the Geological Society</i> , 1998, 155, 759-772.	0.9	209
10	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
11	Extending full-plate tectonic models into deep time: Linking the Neoproterozoic and the Phanerozoic. <i>Earth-Science Reviews</i> , 2021, 214, 103477.	4.0	183
12	Madagascar and the amalgamation of Central Gondwana. <i>Gondwana Research</i> , 2006, 9, 3-16.	3.0	182
13	Age and sedimentary provenance of the Southern Granulites, South India: U-Th-Pb SHRIMP secondary ion mass spectrometry. <i>Precambrian Research</i> , 2007, 155, 125-138.	1.2	176
14	Lycian melange, southwestern Turkey: An emplaced Late Cretaceous accretionary complex. <i>Geology</i> , 1997, 25, 255.	2.0	157
15	Delineating crustal domains in Peninsular India: Age and chemistry of orthopyroxene-bearing felsic gneisses in the Madurai Block. <i>Precambrian Research</i> , 2012, 198-199, 77-93.	1.2	157
16	High-Temperature Granite Magmatism, Crust–Mantle Interaction and the Mesoproterozoic Intracontinental Evolution of the Musgrave Province, Central Australia. <i>Journal of Petrology</i> , 2011, 52, 931-958.	1.1	147
17	The timing of ultrahigh-temperature metamorphism in Southern India: U–Th–Pb electron microprobe ages from zircon and monazite in sapphirine-bearing granulites. <i>Gondwana Research</i> , 2006, 10, 128-155.	3.0	141
18	Alternative tectonic models for the Late Palaeozoic–Early Tertiary development of Tethys in the Eastern Mediterranean region. <i>Geological Society Special Publication</i> , 1996, 105, 239-263.	0.8	137

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19	Cadomian (Ediacaran–Cambrian) arc magmatism in the Bitlis Massif, SE Turkey: Magmatism along the developing northern margin of Gondwana. <i>Tectonophysics</i> , 2009, 473, 99-112.	0.9	135
20	Structural and thermal history of poly-orogenic basement: U–Pb geochronology of granitoid rocks in the southern Menderes Massif, Western Turkey. <i>Journal of the Geological Society</i> , 2004, 161, 93-101.	0.9	129
21	Microblock amalgamation in the North China Craton: Evidence from Neoproterozoic magmatic suite in the western margin of the Jiaoliao Block. <i>Gondwana Research</i> , 2016, 31, 96-123.	3.0	127
22	Testing models of Late Palaeozoic–Early Mesozoic orogeny in Western Turkey: support for an evolving open-Tethys model. <i>Journal of the Geological Society</i> , 2004, 161, 501-511.	0.9	124
23	Temporal constraints on Palaeoproterozoic eclogite formation and exhumation (Usagaran Orogen), Tj ETQq1 1 0.784314 rgBT / Overl	1.8	116
24	U–Pb SIMS dating of synkinematic granites: timing of core-complex formation in the northern Anatolide belt of western Turkey. <i>Journal of the Geological Society</i> , 2005, 162, 289-298.	0.9	116
25	Ediacaran terrane accretion within the Arabian–Nubian Shield. <i>Gondwana Research</i> , 2012, 21, 341-352.	3.0	112
26	Evolution of the Lycian Allochthon, western Turkey, as a north-facing Late Palaeozoic to Mesozoic rift and passive continental margin. <i>Geological Journal</i> , 1999, 34, 107-138.	0.6	106
27	The P-T-t architecture of a Gondwanan suture: REE, U–Pb and Ti-in-zircon thermometric constraints from the Palghat Cauvery shear system, South India. <i>Precambrian Research</i> , 2009, 174, 129-144.	1.2	106
28	Arabian Shield magmatic cycles and their relationship with Gondwana assembly: Insights from zircon U–Pb and Hf isotopes. <i>Earth and Planetary Science Letters</i> , 2014, 408, 207-225.	1.8	106
29	Neoproterozoic extensional detachment in central Madagascar: implications for the collapse of the East African Orogen. <i>Geological Magazine</i> , 2000, 137, 39-51.	0.9	102
30	Proterozoic Tectonostratigraphy and Paleogeography of Central Madagascar Derived from Detrital Zircon U–Pb Age Populations. <i>Journal of Geology</i> , 2004, 112, 379-399.	0.7	100
31	Structure and age of the northern Leeuwin Complex, Western Australia: Constraints from field mapping and U–Pb isotopic analysis. <i>Australian Journal of Earth Sciences</i> , 2003, 50, 585-599.	0.4	99
32	Detrital footprint of the Mozambique ocean: U–Pb SHRIMP and Pb evaporation zircon geochronology of metasedimentary gneisses in eastern Madagascar. <i>Tectonophysics</i> , 2003, 375, 77-99.	0.9	94
33	Late Neoproterozoic and Early Cambrian palaeogeography: models and problems. <i>Geological Society Special Publication</i> , 2008, 294, 9-31.	0.8	92
34	Detrital zircons in basement metasedimentary protoliths unveil the origins of southern India. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 791-811.	1.6	92
35	Prograde and retrograde growth of monazite in migmatites: An example from the Nagercoil Block, southern India. <i>Geoscience Frontiers</i> , 2015, 6, 373-387.	4.3	91
36	Kinematic evidence for Late Mesozoic-Miocene emplacement of the Lycian Allochthon over the Western Anatolide Belt, SW Turkey. <i>Geological Journal</i> , 2003, 38, 295-310.	0.6	89

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37	Basin redox and primary productivity within the Mesoproterozoic Roper Seaway. <i>Chemical Geology</i> , 2016, 440, 101-114.	1.4	89
38	Cryogenian (~4830Ma) mafic magmatism and metamorphism in the northern Madurai Block, southern India: A magmatic link between Sri Lanka and Madagascar?. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 223-233.	1.0	88
39	Late Neoproterozoic-Cambrian Felsic Magmatism Along Transcrustal Shear Zones in Southern India: U-Pb Electron Microprobe Ages and Implications for the Amalgamation of the Gondwana Supercontinent. <i>Gondwana Research</i> , 2005, 8, 31-42.	3.0	87
40	Hot orogens and supercontinent amalgamation: A Gondwanan example from southern India. <i>Gondwana Research</i> , 2015, 28, 1310-1328.	3.0	86
41	Dating of lithospheric buckling: $^{40}\text{Ar}/^{39}\text{Ar}$ ages of syn-orocline strike-slip shear zones in northwestern Iberia. <i>Tectonophysics</i> , 2015, 643, 44-54.	0.9	85
42	Structure of the eastern margin of the East African Orogen in central Madagascar. <i>Precambrian Research</i> , 2003, 123, 111-133.	1.2	82
43	Evidence of Precambrian sedimentation/magmatism and Cambrian metamorphism in the Bitlis Massif, SE Turkey utilising whole-rock geochemistry and U-Pb LA-ICP-MS zircon dating. <i>Gondwana Research</i> , 2012, 21, 1001-1018.	3.0	82
44	The anatomy of a deep intracontinental orogen. <i>Tectonics</i> , 2010, 29, n/a-n/a.	1.3	81
45	High-pressure granulites at the dawn of the Proterozoic. <i>Geology</i> , 2012, 40, 431-434.	2.0	80
46	Recognition and tectonic implications of an extensive Neoproterozoic volcano-sedimentary rift basin along the southwestern margin of the Tarim Craton, northwestern China. <i>Precambrian Research</i> , 2015, 257, 65-82.	1.2	79
47	Geologically constraining India in Columbia: The age, isotopic provenance and geochemistry of the protoliths of the Ongole Domain, Southern Eastern Ghats, India. <i>Gondwana Research</i> , 2014, 26, 888-906.	3.0	78
48	Detrital mineral age, radiogenic isotopic stratigraphy and tectonic significance of the Cuddapah Basin, India. <i>Gondwana Research</i> , 2015, 28, 1294-1309.	3.0	78
49	Discovery of a Neoproterozoic basin in the Prydz belt in East Antarctica and its implications for Gondwana assembly and ultrahigh temperature metamorphism. <i>Precambrian Research</i> , 2008, 161, 355-388.	1.2	74
50	Shyok Suture Zone, N Pakistan: late Mesozoic-Tertiary evolution of a critical suture separating the oceanic Ladakh Arc from the Asian continental margin. <i>Journal of Asian Earth Sciences</i> , 2002, 20, 309-351.	1.0	73
51	Depositional age, provenance and metamorphic age of metasedimentary rocks from southern Madagascar. <i>Gondwana Research</i> , 2012, 21, 353-361.	3.0	73
52	Rift and plate boundary evolution across two supercontinent cycles. <i>Global and Planetary Change</i> , 2019, 173, 1-14.	1.6	70
53	Mesozoic reactivation of the Beishan, southern Central Asian Orogenic Belt: Insights from low-temperature thermochronology. <i>Gondwana Research</i> , 2017, 43, 107-122.	3.0	67
54	Crustal root of the Eastern Dharwar Craton: Zircon U-Pb age and Lu-Hf isotopic evolution of the East Salem Block, southeast India. <i>Precambrian Research</i> , 2014, 249, 229-246.	1.2	64

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55	Terrane analysis along a Neoproterozoic active margin of Gondwana: insights from U–Pb zircon geochronology. <i>Journal of the Geological Society</i> , 2007, 164, 57-60.	0.9	60
56	The evolution of a Gondwanan collisional orogen: A structural and geochronological appraisal from the Southern Granulite Terrane, South India. <i>Tectonics</i> , 2015, 34, 820-857.	1.3	60
57	Kinematic constraints on the Rodinia to Gondwana transition. <i>Precambrian Research</i> , 2017, 299, 132-150.	1.2	59
58	Complex high-strain deformation in the Usagaran Orogen, Tanzania: structural setting of Palaeoproterozoic eclogites. <i>Tectonophysics</i> , 2003, 375, 101-123.	0.9	58
59	Final Subduction Processes of the Paleo-Asian Ocean in the Alxa Tectonic Belt (NW China): Constraints From Field and Chronological Data of Permian Arc-Related Volcano-Sedimentary Rocks. <i>Tectonics</i> , 2018, 37, 1658-1687.	1.3	58
60	South Australian U-Pb zircon (CA-ID-TIMS) age supports globally synchronous Sturtian deglaciation. <i>Precambrian Research</i> , 2018, 315, 257-263.	1.2	58
61	Genesis of the Tonian Imorona-Itsindro magmatic Suite in central Madagascar: Insights from U–Pb, oxygen and hafnium isotopes in zircon. <i>Precambrian Research</i> , 2016, 281, 312-337.	1.2	56
62	Depositional constraints and age of metamorphism in southern India: U–Pb chemical (EMPA) and isotopic (SIMS) ages from the Trivandrum Block. <i>Geological Magazine</i> , 2005, 142, 255-268.	0.9	55
63	Review of major shale-dominated detachment and thrust characteristics in the diagenetic zone: Part I, meso- and macro-scopic scale. <i>Earth-Science Reviews</i> , 2017, 173, 168-228.	4.0	55
64	Differential Exhumation and Crustal Tilting in the Easternmost Tianshan (Xinjiang, China), Revealed by Low-Temperature Thermochronology. <i>Tectonics</i> , 2017, 36, 2142-2158.	1.3	54
65	Provenance and age constraints of the South Stack Group, Anglesey, UK: U–Pb SIMS detrital zircon data. <i>Journal of the Geological Society</i> , 2004, 161, 743-746.	0.9	52
66	Geochemical and isotopic constraints on island arc, synorogenic, post-orogenic and anorogenic granitoids in the Arabian Shield, Saudi Arabia. <i>Lithos</i> , 2015, 220-223, 97-115.	0.6	52
67	Amazonian Mesoproterozoic basement in the core of the Ibero-Armorican Arc: 40Ar/39Ar detrital mica ages complement the zircon's tale. <i>Geology</i> , 2005, 33, 637-640.	2.0	50
68	Detrital zircon analysis of the southwest Indochina terrane, central Thailand: Unravelling the Indosinian orogeny. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1024-1043.	1.6	48
69	New chronological constrains on the tectonic affinity of the Alxa Block, NW China. <i>Precambrian Research</i> , 2017, 299, 230-243.	1.2	48
70	Age and provenance of the Cryogenian to Cambrian passive margin to foreland basin sequence of the northern Paraguay Belt, Brazil. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 76-86.	1.6	47
71	C'day Gondwana – the final accretion of a supercontinent: U–Pb ages from the post-orogenic São Vicente Granite, northern Paraguay Belt, Brazil. <i>Gondwana Research</i> , 2012, 21, 316-322.	3.0	46
72	Review of major shale-dominated detachment and thrust characteristics in the diagenetic zone: Part II, rock mechanics and microscopic scale. <i>Earth-Science Reviews</i> , 2018, 176, 19-50.	4.0	46

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73	Spatial and temporal variation in detrital zircon age provenance of the hydrocarbon-bearing upper Roper Group, Beetaloo Sub-basin, Northern Territory, Australia. <i>Precambrian Research</i> , 2018, 304, 140-155.	1.2	43
74	Thermochronological insights into the structural contact between the Tian Shan and Pamirs, Tajikistan. <i>Terra Nova</i> , 2018, 30, 95-104.	0.9	43
75	Supra-subduction zone tectonic setting of the Muslim Bagh Ophiolite, northwestern Pakistan: Insights from geochemistry and petrology. <i>Lithos</i> , 2014, 202-203, 190-206.	0.6	42
76	Sea ice-free conditions during the Sturtian glaciation (early Cryogenian), South Australia. <i>Geology</i> , 2011, 39, 31-34.	2.0	40
77	U-Pb zircon crystallization age of the Muslim Bagh ophiolite: Enigmatic remains of an extensive pre-Himalayan arc. <i>Geology</i> , 2012, 40, 1099-1102.	2.0	40
78	Amazonian Mesoproterozoic basement in the core of the Ibero-Armorican Arc: $^{40}\text{Ar}/^{39}\text{Ar}$ detrital mica ages complement the zircon's tale. <i>Geology</i> , 2005, 33, 637.	2.0	40
79	Thermochronological and geochemical footprints of post-orogenic fluid alteration recorded in apatite: Implications for mineralisation in the Uzbek Tian Shan. <i>Gondwana Research</i> , 2019, 71, 1-15.	3.0	39
80	Ediacaran intracontinental channel flow. <i>Geology</i> , 2009, 37, 291-294.	2.0	38
81	Age and hafnium isotopic evolution of the Didesa and Kemashi Domains, western Ethiopia. <i>Precambrian Research</i> , 2015, 270, 267-284.	1.2	38
82	Sedimentological and provenance response to Cambrian closure of the Clymene ocean: The upper Alto Paraguai Group, Paraguay belt, Brazil. <i>Gondwana Research</i> , 2012, 21, 323-340.	3.0	37
83	Assessment of elemental fractionation and matrix effects during <i>in situ</i> $^{87}\text{Rb}/^{87}\text{Sr}$ dating of phlogopite by LA-ICP-MS/MS: implications for the accuracy and precision of mineral ages. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 322-344.	1.6	37
84	Two Cryogenian glacial successions compared: Aspects of the Sturt and Elatina sediment records of South Australia. <i>Precambrian Research</i> , 2011, 186, 147-168.	1.2	36
85	Late Neoproterozoic gabbro emplacement followed by early Cambrian eclogite-facies metamorphism in the Menderes Massif (W. Turkey): Implications on the final assembly of Gondwana. <i>Gondwana Research</i> , 2016, 34, 158-173.	3.0	36
86	Lutetian arc-type magmatism along the southern Eurasian margin: New U-Pb LA-ICPMS and whole-rock geochemical data from Marmara Island, NW Turkey. <i>Mineralogy and Petrology</i> , 2009, 96, 177-196.	0.4	35
87	Neoproterozoic geochronology and provenance of the Adelaide Superbasin. <i>Precambrian Research</i> , 2020, 350, 105849.	1.2	35
88	The Tectonic Evolution of Madagascar: Its Place in the East African Orogen. <i>Gondwana Research</i> , 2000, 3, 549-552.	3.0	34
89	Gemstone Mineralization in the Palghat-Cauvery Shear Zone System (Karur-Kangayam Belt), Southern India. <i>Gondwana Research</i> , 2003, 6, 911-918.	3.0	34
90	Zircon U-Pb-Hf isotopes, bulk-rock geochemistry and Sr-Nd-Pb isotopes from late Neoproterozoic basement in the Mahneshan area, NW Iran: Implications for Ediacaran active continental margin along the northern Gondwana and constraints on the late Oligocene crustal anatexis. <i>Gondwana Research</i> , 2018, 57, 48-76.	3.0	34

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91	Determination of the tectonic evolution from fractures, faults, and calcite twins on the southwestern margin of the Indochina Block. <i>Tectonics</i> , 2015, 34, 1576-1599.	1.3	33
92	Unravelling the complexities in high-grade rocks using multiple techniques: the Achankovil Zone of southern India. <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	1.2	33
93	Evolving provenance in the Proterozoic Pranhita-Godavari Basin, India. <i>Geoscience Frontiers</i> , 2015, 6, 453-463.	4.3	33
94	Low-temperature Thermochronology of the Chatkal-Kurama Terrane (Uzbekistan-Tajikistan): Insights Into the Mesozoic-Cenozoic Thermal History of the Western Tian Shan. <i>Tectonics</i> , 2018, 37, 3954-3969.	1.3	32
95	Chapter 10 Neoproterozoic-Cambrian Biogeochemical Evolution. <i>Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana</i> , 2009, , 351-365.	0.2	31
96	Zircon U-Pb ages and Hf isotopic systematics of charnockite gneisses from the Ediacaran-Cambrian high-grade metamorphic terranes, southern India: Constraints on crust formation, recycling, and Gondwana correlations. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 625-648.	1.6	31
97	Detrital apatite U-Pb and trace element analysis as a provenance tool: Insights from the Yenisey Ridge (Siberia). <i>Lithos</i> , 2018, 314-315, 140-155.	0.6	31
98	Thermal history and differential exhumation across the Eastern Musgrave Province, South Australia: Insights from low-temperature thermochronology. <i>Tectonophysics</i> , 2017, 703-704, 23-41.	0.9	30
99	Macrofabric fingerprints of Late Devonian-Early Carboniferous subduction in the Polish Variscides, the Kaczawa complex, Sudetes. <i>Journal of the Geological Society</i> , 2000, 157, 283-288.	0.9	29
100	Comment on "First report of garnet-corundum rocks from southern India: Implications for prograde high-pressure (eclogite-facies?) metamorphism". <i>Earth and Planetary Science Letters</i> , 2006, 249, 529-534.	1.8	29
101	A middle-late Ediacaran volcano-sedimentary record from the eastern Arabian-Nubian shield. <i>Terra Nova</i> , 2014, 26, 120-129.	0.9	29
102	Investigating mid-Ediacaran glaciation and final Gondwana amalgamation using coupled sedimentology and $^{40}\text{Ar}/^{39}\text{Ar}$ detrital muscovite provenance from the Paraguay Belt, Brazil. <i>Sedimentology</i> , 2015, 62, 130-154.	1.6	29
103	Tectono-thermal evolution of the southwestern Alxa Tectonic Belt, NW China: Constrained by apatite U-Pb and fission track thermochronology. <i>Tectonophysics</i> , 2018, 722, 577-594.	0.9	29
104	Evolving Marginal Terranes During Neoproterozoic Supercontinent Reorganization: Constraints From the Bemarivo Domain in Northern Madagascar. <i>Tectonics</i> , 2019, 38, 2019-2035.	1.3	29
105	Heterogeneous excess argon and Neoproterozoic heating in the Usagaran Orogen, Tanzania, revealed by single grain $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronology. <i>Journal of African Earth Sciences</i> , 2004, 39, 165-176.	0.9	28
106	Tracking the Cretaceous transcontinental Ceduna River through Australia: The hafnium isotope record of detrital zircons from offshore southern Australia. <i>Geoscience Frontiers</i> , 2016, 7, 237-244.	4.3	28
107	Tonian Arc Magmatism in Central Madagascar: The Petrogenesis of the Imorona-Itsindro Suite. <i>Journal of Geology</i> , 2017, 125, 271-297.	0.7	28
108	A physiological model for tert-amyl methyl ether and tert-amyl alcohol: hypothesis testing of model structures. <i>Toxicological Sciences</i> , 1999, 49, 15-28.	1.4	27

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109	Complex structure of an upper-level shale detachment zone: Khao Khwang fold and thrust belt, Central Thailand. <i>Journal of Structural Geology</i> , 2014, 67, 140-153.	1.0	27
110	Cambro-Ordovician magmatism in the Delamerian orogeny: Implications for tectonic development of the southern Gondwanan margin. <i>Gondwana Research</i> , 2020, 81, 490-521.	3.0	27
111	Multi-scale analysis of Proterozoic shear zones: An integrated structural and geophysical study. <i>Journal of Structural Geology</i> , 2009, 31, 1238-1254.	1.0	26
112	Cryogenian rift-related magmatism and sedimentation: South-western Congo Craton, Namibia. <i>Journal of African Earth Sciences</i> , 2012, 76, 34-49.	0.9	26
113	The low-temperature thermo-tectonic evolution of the western Tian Shan, Uzbekistan. <i>Gondwana Research</i> , 2018, 64, 122-136.	3.0	26
114	U-Pb SHRIMP data on the crystallization age of the Gran Paradiso augengneiss, Italian Western Alps: Further evidence for Permian magmatic activity in the Alps during break-up of Pangea. <i>Eclogae Geologicae Helveticae</i> , 2005, 98, 363-370.	0.6	25
115	Probing into Thailand's basement: New insights from U-Pb geochronology, Sr, Sm-Nd, Pb and Lu-Hf isotopic systems from granitoids. <i>Lithos</i> , 2018, 320-321, 332-354.	0.6	25
116	Structure of the Sibumasu-Indochina collision, central Thailand: A section through the Khao Khwang Fold and thrust belt. <i>Journal of Asian Earth Sciences</i> , 2014, 95, 182-191.	1.0	24
117	Middle-late Mesoproterozoic tectonic geography of the North Australia Craton: U-Pb and Hf isotopes of detrital zircon grains in the Beetaloo Sub-basin, Northern Territory, Australia. <i>Journal of the Geological Society</i> , 2019, 176, 771-784.	0.9	23
118	Closure of the Proterozoic Mozambique Ocean was instigated by a late Tonian plate reorganization event. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	23
119	U-Pb electron probe geochronology of the Nagercoil granulites, Southern India: Implications for Gondwana amalgamation. <i>Journal of Asian Earth Sciences</i> , 2006, 28, 63-80.	1.0	22
120	⁴⁰ Ar- ³⁹ Ar white mica ages reveal Neoproterozoic/Paleozoic provenance and an Alleghanian overprint in coeval Upper Ordovician-Lower Devonian rocks of Meguma and Avalonia. <i>Tectonophysics</i> , 2008, 461, 265-276.	0.9	22
121	Bolla Bollana boulder beds: A Neoproterozoic trough mouth fan in South Australia?. <i>Sedimentology</i> , 2014, 61, 978-995.	1.6	22
122	Towards unravelling the Mozambique Ocean conundrum using a triumvirate of zircon isotopic proxies on the Ambatolampy Group, central Madagascar. <i>Tectonophysics</i> , 2015, 662, 167-182.	0.9	22
123	Tracing final Gondwana assembly: Age and provenance of key stratigraphic units in the southern Paraguay Belt, Brazil. <i>Precambrian Research</i> , 2018, 307, 1-33.	1.2	22
124	Origin and tectonic evolution of the NE basement of Oman: a window into the Neoproterozoic accretionary growth of India?. <i>Geological Magazine</i> , 2018, 155, 1150-1174.	0.9	22
125	Geochronological and geochemical studies of mafic and intermediate dykes from the Khao Khwang Fold-Thrust Belt: Implications for petrogenesis and tectonic evolution. <i>Gondwana Research</i> , 2016, 36, 124-141.	3.0	21
126	Neoproterozoic deformation in central Madagascar: a structural section through part of the East African Orogen. <i>Geological Society Special Publication</i> , 2003, 206, 363-379.	0.8	20

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127	Interplay of deformation and magmatism in the Pangong Transpression Zone, eastern Ladakh, India: Implications for remobilization of the trans-Himalayan magmatic arc and initiation of the Karakoram Fault. <i>Journal of Structural Geology</i> , 2014, 62, 13-24.	1.0	19
128	An apatite U–Pb thermal history map for the northern Gawler Craton, South Australia. <i>Geoscience Frontiers</i> , 2018, 9, 1293-1308.	4.3	19
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