

Mike Sandiford

List of Publications by Year in descending order

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168
papers

8,326
citations

26630

56
h-index

58581

82
g-index

172
all docs

172
docs citations

172
times ranked

4694
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep crustal metamorphism during continental extension: modern and ancient examples. <i>Earth and Planetary Science Letters</i> , 1986, 79, 151-158.	4.4	387
2	Some geodynamic and compositional constraints on "postorogenic" magmatism. <i>Geology</i> , 1992, 20, 931.	4.4	230
3	Asymmetric extension associated with uplift and subsidence in the Transantarctic Mountains and Ross Embayment. <i>Earth and Planetary Science Letters</i> , 1986, 81, 67-78.	4.4	167
4	Tectonic feedback and the ordering of heat producing elements within the continental lithosphere. <i>Earth and Planetary Science Letters</i> , 2002, 204, 133-150.	4.4	159
5	Some remarks on high-temperature/low-pressure metamorphism in convergent orogens. <i>Journal of Metamorphic Geology</i> , 1991, 9, 333-340.	3.4	148
6	Topography, boundary forces, and the Indo-Australian intraplate stress field. <i>Journal of Geophysical Research</i> , 1998, 103, 919-931.	3.3	145
7	Controls on the locus of intraplate deformation in central Australia. <i>Earth and Planetary Science Letters</i> , 1998, 162, 97-110.	4.4	144
8	Origin of the intraplate stress field in south-eastern Australia. <i>Basin Research</i> , 2004, 16, 325-338.	2.7	140
9	Intraplate deformation in central Australia, the link between subsidence and fault reactivation. <i>Tectonophysics</i> , 1999, 305, 121-140.	2.2	136
10	Palaeozoic synorogenic sedimentation in central and northern Australia: A review of distribution and timing with implications for the evolution of intracontinental orogens. <i>Australian Journal of Earth Sciences</i> , 2001, 48, 911-928.	1.0	133
11	Lifespan of mountain ranges scaled by feedbacks between landsliding and erosion by rivers. <i>Nature</i> , 2013, 498, 475-478.	27.8	132
12	Regional geochemistry and continental heat flow: implications for the origin of the South Australian heat flow anomaly. <i>Earth and Planetary Science Letters</i> , 2000, 183, 107-120.	4.4	131
13	The origins of the intraplate stress field in continental Australia. <i>Earth and Planetary Science Letters</i> , 1995, 133, 299-309.	4.4	129
14	High radiogenic heat-producing granites and metamorphism—An example from the western Mount Isa inlier, Australia. <i>Geology</i> , 1999, 27, 679.	4.4	121
15	The tilting continent: A new constraint on the dynamic topographic field from Australia. <i>Earth and Planetary Science Letters</i> , 2007, 261, 152-163.	4.4	118
16	Sm-Nd isotopic evidence for the provenance of sediments from the Adelaide Fold Belt and southeastern Australia with implications for episodic crustal addition. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 1837-1856.	3.9	116
17	U-series isotope and geodynamic constraints on mantle melting processes beneath the Newer Volcanic Province in South Australia. <i>Earth and Planetary Science Letters</i> , 2007, 261, 517-533.	4.4	111
18	High geothermal gradient metamorphism during thermal subsidence. <i>Earth and Planetary Science Letters</i> , 1998, 163, 149-165.	4.4	108

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19	Horizontal structures in granulite terrains: A record of mountain building or mountain collapse?. <i>Geology</i> , 1989, 17, 449.	4.4	106
20	Quaternary faults of south-central Australia: Palaeoseismicity, slip rates and origin. <i>Australian Journal of Earth Sciences</i> , 2006, 53, 285-301.	1.0	97
21	Retrospective modeling of the merit-order effect on wholesale electricity prices from distributed photovoltaic generation in the Australian National Electricity Market. <i>Energy Policy</i> , 2013, 58, 17-27.	8.8	96
22	Granite production in the Delamerian Orogen, South Australia. <i>Journal of the Geological Society</i> , 2002, 159, 557-575.	2.1	95
23	Source of the Lachlan fold belt flysch linked to convective removal of the lithospheric mantle and rapid exhumation of the Delamerian-Ross fold belt. <i>Geology</i> , 1996, 24, 941.	4.4	92
24	Climatic variability in Central Indian Himalaya during the last $\sim 1/4$ 1800 years: Evidence from a high resolution speleothem record. <i>Quaternary International</i> , 2013, 304, 183-192.	1.5	91
25	Present-day stresses, seismicity and Neogene-to-Recent tectonics of Australia's "passive" margins: intraplate deformation controlled by plate boundary forces. <i>Geological Society Special Publication</i> , 2008, 306, 71-90.	1.3	90
26	Metamorphic evolution of aluminous granulites from Labwor Hills, Uganda. <i>Contributions To Mineralogy and Petrology</i> , 1987, 95, 217-225.	3.1	88
27	Geochemistry and geochronology of the Rathjen Gneiss: Implications for the early tectonic evolution of the Delamerian Orogen. <i>Australian Journal of Earth Sciences</i> , 1999, 46, 377-389.	1.0	88
28	Estimating the value of electricity storage in an energy-only wholesale market. <i>Applied Energy</i> , 2015, 159, 422-432.	10.1	88
29	On the gravitational potential of the Earth's lithosphere. <i>Tectonics</i> , 1994, 13, 929-945.	2.8	87
30	Tectonic stresses in the African plate: Constraints on the ambient lithospheric stress state. <i>Geology</i> , 1994, 22, 831.	4.4	87
31	Some isostatic and thermal consequences of the vertical strain geometry in convergent orogens. <i>Earth and Planetary Science Letters</i> , 1990, 98, 154-165.	4.4	82
32	Conductive incubation and the origin of dome-and-keel structure in Archean granite-greenstone terrains: A model based on the eastern Pilbara Craton, Western Australia. <i>Tectonics</i> , 2004, 23, n/a-n/a.	2.8	82
33	Mechanics of basin inversion. <i>Tectonophysics</i> , 1999, 305, 109-120.	2.2	78
34	Long-term thermal consequences of the redistribution of heat-producing elements associated with large-scale granitic complexes. <i>Journal of Metamorphic Geology</i> , 2002, 20, 87-98.	3.4	77
35	U-Pb SHRIMP zircon geochronology and T-t history of the Kampa Dome, southern Tibet. <i>Tectonophysics</i> , 2008, 446, 97-113.	2.2	77
36	Mechanical consequences of granite emplacement during high-T, low-P metamorphism and the origin of "anticlockwise" PT paths. <i>Earth and Planetary Science Letters</i> , 1991, 107, 164-172.	4.4	75

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37	The metamorphic evolution of granulites at Fyfe Hills; implications for Archaean crustal thickness in Enderby Land, Antarctica. <i>Journal of Metamorphic Geology</i> , 1985, 3, 155-178.	3.4	73
38	Modes of active intraplate deformation, Flinders Ranges, Australia. <i>Tectonics</i> , 2005, 24, n/a-n/a.	2.8	72
39	Tectonic geomorphology of Australia. <i>Geological Society Special Publication</i> , 2010, 346, 243-265.	1.3	67
40	Provenance of Late Triassic sediments in central Lhasa terrane, Tibet and its implication. <i>Gondwana Research</i> , 2014, 25, 1680-1689.	6.0	67
41	Phase relationships in Buchan facies series pelitic assemblages: calculations with application to andalusite-staurolite parageneses in the Mount Lofty Ranges, South Australia. <i>Contributions To Mineralogy and Petrology</i> , 1992, 110, 121-132.	3.1	66
42	High-precision geothermobarometry across the High Himalayan metamorphic sequence, Langtang Valley, Nepal. <i>Journal of Metamorphic Geology</i> , 2000, 18, 665-681.	3.4	66
43	Distinguishing tectonic from climatic controls on range- <i>front</i> sedimentation. <i>Basin Research</i> , 2007, 19, 491-505.	2.7	65
44	Cenozoic Eucla Basin and associated palaeovalleys, southern Australia - Climatic and tectonic influences on landscape evolution, sedimentation and heavy mineral accumulation. <i>Sedimentary Geology</i> , 2008, 203, 112-130.	2.1	65
45	Structural geometry and controls on basement-involved deformation in the northern Flinders Ranges, Adelaide Fold Belt, South Australia. <i>Australian Journal of Earth Sciences</i> , 1999, 46, 343-354.	1.0	64
46	Thermochronology of high heat-producing crust at Mount Painter, South Australia: Implications for tectonic reactivation of continental interiors. <i>Tectonics</i> , 2002, 21, 2-1-2-18.	2.8	64
47	Buried Inset-Valleys in the Eastern Yilgarn Craton, Western Australia: Geomorphology, Age, and Allogenic Control. <i>Journal of Geology</i> , 2005, 113, 471-493.	1.4	63
48	Thermal and baric evolution of garnet granulites from Sri Lanka. <i>Journal of Metamorphic Geology</i> , 1988, 6, 351-364.	3.4	62
49	Recent contribution of sediments and fluids to the mantle's volatile budget. <i>Nature Geoscience</i> , 2012, 5, 50-54.	12.9	62
50	Episodic metamorphism and deformation in low-pressure, high-temperature terranes. <i>Geology</i> , 1993, 21, 829.	4.4	61
51	The mechanics of clay smearing along faults. <i>Geology</i> , 2008, 36, 787.	4.4	61
52	Observations on the tectonic evolution of the southern Adelaide Fold Belt. <i>Tectonophysics</i> , 1992, 214, 27-36.	2.2	60
53	Palaeozoic Intraplate Crustal Anatexis in the Mount Painter Province, South Australia: Timing, Thermal Budgets and the Role of Crustal Heat Production. <i>Journal of Petrology</i> , 2006, 47, 2281-2302.	2.8	59
54	Deformation volume and cleavage development in metasedimentary rocks from the Ballarat slate belt. <i>Journal of Structural Geology</i> , 1988, 10, 53-62.	2.3	58

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55	Neotectonics of southeastern Australia: linking the Quaternary faulting record with seismicity and <i>in situ</i> stress. , 2003, , .		58
56	The structural evolution of the Fyfe Hills–Khmara Bay region, Enderby Land, East Antarctica. Australian Journal of Earth Sciences, 1984, 31, 403-426.	1.0	57
57	Sapphirine and spinel phase relationships in the system FeO-MgO-Al ₂ O ₃ -SiO ₂ -TiO ₂ -O ₂ in the presence of quartz and hypersthene. Contributions To Mineralogy and Petrology, 1988, 98, 64-71.	3.1	57
58	Constraints on the current rate of deformation and surface uplift of the Australian continent from a new seismic database and low-T thermochronological data. Australian Journal of Earth Sciences, 2009, 56, 99-110.	1.0	57
59	TOPO-OZ: Insights into the various modes of intraplate deformation in the Australian continent. Tectonophysics, 2009, 474, 405-416.	2.2	56
60	Geomorphic constraints on the Late Neogene tectonics of the Otway Range, Victoria. Australian Journal of Earth Sciences, 2003, 50, 69-80.	1.0	54
61	⁴⁰ Ar/ ³⁹ Ar thermochronology of the Kampa Dome, southern Tibet: Implications for tectonic evolution of the North Himalayan gneiss domes. Tectonophysics, 2006, 421, 269-297.	2.2	53
62	Bedrock erosion and relief production in the northern Flinders Ranges, Australia. Earth Surface Processes and Landforms, 2007, 32, 929-944.	2.5	53
63	On the stability of isostatically compensated mountain belts. Journal of Geophysical Research, 1992, 97, 14207-14221.	3.3	52
64	Contrasting styles of Proterozoic crustal evolution: A hot-plate tectonic model for Australian terranes. Geology, 2005, 33, 673-676.	4.4	52
65	Late Neogene strandlines of southern Victoria: a unique record of eustasy and tectonics in southeast Australia. Australian Journal of Earth Sciences, 2005, 52, 279-297.	1.0	51
66	Cenozoic deformation in the Otway Basin, southern Australian margin: implications for the origin and nature of post-breakup compression at rifted margins. Basin Research, 2014, 26, 10-37.	2.7	51
67	Tectonic framework for the Cenozoic cratonic basins of Australia. Australian Journal of Earth Sciences, 2009, 56, S5-S18.	1.0	50
68	Synorogenic morphotectonic evolution of the Gangdese batholith, South Tibet: Insights from low-temperature thermochronology. Geochemistry, Geophysics, Geosystems, 2016, 17, 101-112.	2.5	50
69	Geomorphology reveals active dÃ©collement geometry in the central Himalayan seismic gap. Lithosphere, 2015, 7, 247-256.	1.4	49
70	Contribution of deviatoric stresses to metamorphic P-T paths: an example appropriate to low-P, high-T metamorphism. Journal of Metamorphic Geology, 1994, 12, 445-454.	3.4	48
71	Tectonic feedback, intraplate orogeny and the geochemical structure of the crust: a central Australian perspective. Geological Society Special Publication, 2001, 184, 195-218.	1.3	47
72	Thermal weakening localizes intraplate deformation along the southern Australian continental margin. Earth and Planetary Science Letters, 2011, 305, 207-214.	4.4	45

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73	A staurolite-talc assemblage in tourmaline-phlogopite-chlorite schist from northern Victoria Land, Antarctica, and its petrogenetic significance. <i>Contributions To Mineralogy and Petrology</i> , 1984, 87, 337-350.	3.1	43
74	The origin of retrograde shear zones in the Napier Complex: implications for the tectonic evolution of Enderby Land, Antarctica. <i>Journal of Structural Geology</i> , 1985, 7, 477-488.	2.3	43
75	High-T, low-P metamorphism in the Palaeoproterozoic Halls Creek Orogen, northern Australia: the middle crustal response to a mantle-related transient thermal pulse. <i>Journal of Metamorphic Geology</i> , 2002, 20, 217-237.	3.4	43
76	The hot southern continent: heat flow and heat production in Australian Proterozoic terranes. , 2003, , .		43
77	Constraining the age of Liuqu Conglomerate, southern Tibet: Implications for evolution of the India-Asia collision zone. <i>Earth and Planetary Science Letters</i> , 2015, 426, 259-266.	4.4	43
78	Contrasting styles of Proterozoic crustal evolution: A hot-plate tectonic model for Australian terranes. <i>Geology</i> , 2005, 33, 673.	4.4	41
79	Archeological and Historical Database on the Medieval Earthquakes of the Central Himalaya: Ambiguities and Inferences. <i>Seismological Research Letters</i> , 2013, 84, 1098-1108.	1.9	41
80	Granite genesis and the mechanics of convergent orogenic belts with application to the southern Adelaide Fold Belt. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1992, 83, 83-93.	0.3	40
81	Enhanced intraplate seismicity along continental margins: Some causes and consequences. <i>Tectonophysics</i> , 2008, 457, 197-208.	2.2	39
82	The big crunch: Physical and chemical expressions of arc/continent collision in the Western Bismarck arc. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 190, 11-24.	2.1	39
83	Interactions of 3D mantle flow and continental lithosphere near passive margins. <i>Tectonophysics</i> , 2010, 483, 20-28.	2.2	39
84	Secular trends in the thermal evolution of metamorphic terrains. <i>Earth and Planetary Science Letters</i> , 1989, 95, 85-96.	4.4	37
85	The P-T record of synchronous magmatism, metamorphism and deformation at Petrel Cove, southern Adelaide Fold Belt. <i>Journal of Metamorphic Geology</i> , 2002, 20, 351-363.	3.4	37
86	Landscape responses to intraplate tectonism: Quantitative constraints from ¹⁰ Be nuclide abundances. <i>Earth and Planetary Science Letters</i> , 2007, 261, 120-133.	4.4	37
87	Cenozoic low temperature cooling history of the Northern Tethyan Himalaya in Zedang, SE Tibet and its implications. <i>Tectonophysics</i> , 2015, 643, 80-93.	2.2	37
88	Changes in stable isotope ratios of metapelites and marbles during regional metamorphism, Mount Lofty Ranges, South Australia: implications for crustal scale fluid flow. <i>Contributions To Mineralogy and Petrology</i> , 1995, 120, 292-310.	3.1	35
89	Some causes and consequences of high-temperature, low-pressure metamorphism in the eastern Mt Lofty Ranges, South Australia. <i>Australian Journal of Earth Sciences</i> , 1995, 42, 233-240.	1.0	33
90	Seismic response to slab rupture and variation in lithospheric structure beneath the Savu Sea, Indonesia. <i>Tectonophysics</i> , 2010, 483, 112-124.	2.2	33

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91	Ridge torques and continental collision in the Indian-Australian plate. <i>Geology</i> , 1995, 23, 653.	4.4	32
92	Evaluating slab-plate coupling in the Indo-Australian plate. <i>Geology</i> , 2005, 33, 113.	4.4	32
93	Beryllium and Other Trace Elements in Paragneisses and Anatectic Veins of the Ultrahigh-Temperature Napier Complex, Enderby Land, East Antarctica: the Role of Sapphirine. <i>Journal of Petrology</i> , 2006, 47, 859-882.	2.8	32
94	Did the Delamerian Orogeny Start in the Neoproterozoic?. <i>Journal of Geology</i> , 2009, 117, 575-583.	1.4	32
95	On the Mechanical Stability of Inclined Wellbores. <i>SPE Drilling and Completion</i> , 1996, 11, 67-73.	1.6	30
96	Seismic moment release during slab rupture beneath the Banda Sea. <i>Geophysical Journal International</i> , 2008, 174, 659-671.	2.4	29
97	A trapdoor mechanism for slab tearing and melt generation in the northern Andes. <i>Geology</i> , 2019, 47, 23-26.	4.4	29
98	PRESENT-DAY STATE-OF-STRESS OF SOUTHEAST AUSTRALIA. <i>APPEA Journal</i> , 2006, 46, 283.	0.2	28
99	Heat refraction and low-pressure metamorphism in the northern Flinders Ranges, South Australia. <i>Australian Journal of Earth Sciences</i> , 1995, 42, 241-247.	1.0	27
100	Low thermal Peclet number intraplate orogeny in central Australia. <i>Earth and Planetary Science Letters</i> , 2002, 201, 309-320.	4.4	25
101	India-Asia convergence: Insights from burial and exhumation of the Xigaze forearc basin, south Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 3430-3449.	3.4	25
102	Australian Proterozoic high-temperature, low-pressure metamorphism in the conductive limit. <i>Geological Society Special Publication</i> , 1998, 138, 109-120.	1.3	24
103	Multi-stage exhumation history of the West Kunlun orogen and the amalgamation of the Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2019, 528, 115833.	4.4	24
104	Petrogenesis of cordierite-orthoamphibole assemblages from the Springton region, South Australia. <i>Contributions To Mineralogy and Petrology</i> , 1990, 106, 100-109.	3.1	23
105	Sedimentary thickness variations and deformation intensity during basin inversion in the Flinders Ranges, South Australia. <i>Journal of Structural Geology</i> , 1998, 20, 1721-1731.	2.3	23
106	A new strategy for discrete element numerical models: 2. Sandbox applications. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	23
107	A granulite facies kalsilite-leucite-hibonite association from Punalur, Southern India. <i>Mineralogy and Petrology</i> , 1991, 43, 225-236.	1.1	22
108	Plate-scale potential-energy distributions and the fragmentation of ageing plates. <i>Earth and Planetary Science Letters</i> , 1994, 126, 143-159.	4.4	22

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109	Thermometrically inferred cooling rates from the Plattengneis, Koralm region, Eastern Alps. <i>Earth and Planetary Science Letters</i> , 1994, 125, 307-321.	4.4	21
110	Structural geometry of a thick-skinned fold-thrust belt termination: The Olary Block in the Adelaide Fold Belt, South Australia. <i>Australian Journal of Earth Sciences</i> , 2000, 47, 281-289.	1.0	21
111	The Fingerprints of Flexure in Slab Seismicity. <i>Tectonics</i> , 2020, 39, e2019TC005894.	2.8	21
112	Rb/Sr dating of differentiated cleavage from the upper Adelaidean metasediments at Hallett Cove, southern Adelaide fold belt. <i>Journal of Structural Geology</i> , 1994, 16, 1233-1241.	2.3	20
113	A high-resolution, calibrated airborne radiometric dataset applied to the estimation of crustal heat production in the Archaean northern Pilbara Craton, Western Australia. <i>Precambrian Research</i> , 2004, 128, 57-82.	2.7	20
114	Metamorphic events in the eastern Arunta Inlier, Part 1. Metamorphic petrology. <i>Precambrian Research</i> , 1995, 71, 183-205.	2.7	19
115	Corona textures between kyanite, garnet and gedrite in gneisses from Errabiddy, Western Australia. <i>Journal of Metamorphic Geology</i> , 1987, 5, 357-370.	3.4	18
116	Amphibolites with staurolite and other aluminous minerals: calculated mineral equilibria in NCFMASH. <i>Journal of Metamorphic Geology</i> , 2000, 18, 23-40.	3.4	18
117	Distribution of Palaeozoic reworking in the Western Arunta Region and northwestern Amadeus Basin from $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronology: implications for the evolution of intracratonic basins. <i>Basin Research</i> , 2009, 21, 315-334.	2.7	18
118	Geomorphic and cosmogenic nuclide constraints on escarpment evolution in an intraplate setting, Darling Escarpment, Western Australia. <i>Earth Surface Processes and Landforms</i> , 2011, 36, 449-459.	2.5	18
119	Stalagmite growth perturbations from the Kumaun Himalaya as potential earthquake recorders. <i>Journal of Seismology</i> , 2016, 20, 579-594.	1.3	18
120	Early Proterozoic metamorphism at The Granites gold mine, Northern Territory; implications for the timing of fluid production in high-temperature, low-pressure terranes. <i>Economic Geology</i> , 1993, 88, 1099-1113.	3.8	17
121	The long-term thermal consequences of rifting: implications for basin reactivation. <i>Basin Research</i> , 2003, 15, 23-43.	2.7	17
122	Evolution of Atauro Island: Temporal constraints on subduction processes beneath the Wetar zone, Banda Arc. <i>Journal of Asian Earth Sciences</i> , 2011, 41, 477-493.	2.3	17
123	Some remarks on the stability of blueschists and related highP-lowT assemblages in continental orogens. <i>Earth and Planetary Science Letters</i> , 1991, 102, 14-23.	4.4	16
124	Provenance of the Upper Cretaceous to Lower Tertiary Sedimentary Relicts in the Renbu Mlange Zone, within the Indus-Yarlung Suture Zone. <i>Journal of Geology</i> , 2015, 123, 39-54.	1.4	16
125	Current strain accumulation in the hinterland of the northwest Himalaya constrained by landscape analyses, basin-wide denudation rates, and low temperature thermochronology. <i>Tectonophysics</i> , 2017, 721, 70-89.	2.2	16
126	The origin of Archaean gneisses in the Fyfe Hills Region, Enderby Land; field occurrence, petrography and geochemistry. <i>Precambrian Research</i> , 1986, 31, 37-68.	2.7	15

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127	Detrital zircon U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ hornblende ages from the Aileu Complex, Timor-Leste: provenance and metamorphic cooling history. <i>Journal of the Geological Society</i> , 2014, 171, 299-309.	2.1	15
128	Rupture Characteristics and Bedrock Structural Control of the 2016 Mw 6.0 Intraplate Earthquake in the Petermann Ranges, Australia. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 1037-1045.	2.3	15
129	Shear-zone deformation in the Yackandandah Granite, northeast Victoria. <i>Australian Journal of Earth Sciences</i> , 1988, 35, 223-230.	1.0	14
130	A study of the design of inclined wellbores with regard to both mechanical stability and fracture intersection, and its application to the Australian North West Shelf. <i>Journal of Applied Geophysics</i> , 1994, 32, 293-304.	2.1	14
131	Geometric controls on flat slab seismicity. <i>Earth and Planetary Science Letters</i> , 2019, 527, 115787.	4.4	14
132	Interacting Intraplate Fault Systems in Australia: The 2012 Thorpdale, Victoria, Seismic Sequences. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4673-4693.	3.4	14
133	Mantle-lithospheric deformation and crustal metamorphism with some speculations on the thermal and mechanical significance of the Tauern Event, Eastern Alps. <i>Tectonophysics</i> , 1995, 242, 115-132.	2.2	13
134	Thermal and mechanical controls on the evolution of archaic crustal deformation: Examples from Western Australia. <i>Geophysical Monograph Series</i> , 2006, , 131-147.	0.1	13
135	Geophysical and geochemical constraints on the origin of Holocene intraplate volcanism in East Asia. <i>Earth-Science Reviews</i> , 2021, 218, 103624.	9.1	13
136	Why are the continents just so big? <i>Journal of Metamorphic Geology</i> , 2010, 28, 569-577.	3.4	12
137	Zoned hibonites from Punalur, South India. <i>Mineralogical Magazine</i> , 1991, 55, 159-162.	1.4	11
138	Origins of large-volume, compositionally zoned volcanic eruptions: New constraints from series isotopes and numerical thermal modeling for the 1912 Katmai-Novarupta eruption. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
139	Granite genesis and the mechanics of convergent orogenic belts with application to the southern Adelaide Fold Belt. <i>Special Paper of the Geological Society of America</i> , 1992, , 83-94.	0.5	10
140	A description of metamorphic P-T paths with implications for low-P high-T metamorphism. <i>Physics of the Earth and Planetary Interiors</i> , 1995, 88, 211-221.	1.9	10
141	Five Years of Declining Annual Consumption of Grid-Supplied Electricity in Eastern Australia: Causes and Consequences. <i>Electricity Journal</i> , 2015, 28, 96-117.	2.5	10
142	Post-collisional exhumation of the Indus-Yarlung suture zone and Northern Tethyan Himalaya, Saga, SW Tibet. <i>Gondwana Research</i> , 2018, 64, 1-10.	6.0	10
143	The upper mantle geoid: Implications for continental structure and the intraplate stress field. <i>Special Paper of the Geological Society of America</i> , 0, , 197-214.	0.5	9
144	Detecting landscape transience with in situ cosmogenic ^{14}C and ^{10}Be . <i>Quaternary Geochronology</i> , 2019, 54, 101008.	1.4	9

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145	Hydrogeological implications of active tectonics in the Great Artesian Basin, Australia. <i>Hydrogeology Journal</i> , 2020, 28, 57-73.	2.1	9
146	dating of differentiated cleavage from the upper Adelaidean metasediments at Hallett Cove, southern Adelaide fold belt: Reply. <i>Journal of Structural Geology</i> , 1995, 17, 1801-1803.	2.3	8
147	Modelling the contemporary stress field and its implications for hydrocarbon exploration. <i>Exploration Geophysics</i> , 1997, 28, 88-93.	1.1	8
148	Long-term thermal consequences of tectonic activity at Mount Isa, Australia: Implications for polyphase tectonism in the Proterozoic. <i>Geological Society Special Publication</i> , 2001, 184, 219-236.	1.3	8
149	Uranium-series isotope and thermal constraints on the rate and depth of silicic magma genesis. <i>Geological Society Special Publication</i> , 2008, 304, 169-181.	1.3	8
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