Mike Sandiford

List of Publications by Citations

166 papers	6,990 citations	51 h-index	74 g-index
172 ext. papers	7,543 ext. citations	3.8 avg, IF	5.89 L-index

#	Paper	IF	Citations
166	Deep crustal metamorphism during continental extension: modern and ancient examples. *Earth and Planetary Science Letters*, **1986**, 79, 151-158	5.3	327
165	Some geodynamic and compositional constraints on "postorogenic" magmatism. *Geology*, **1992**, 20, 931	5	188
164	Asymmetric extension associated with uplift and subsidence in the Transantarctic Mountains and Ross Embayment. *Earth and Planetary Science Letters*, **1986**, 81, 67-78	5.3	154
163	Some remarks on high-temperature/low-pressure metamorphism in convergent orogens. *Journal of Metamorphic Geology*, **1991**, 9, 333-340	4.4	131
162	Topography, boundary forces, and the Indo-Australian intraplate stress field. *Journal of Geophysical Research*, **1998**, 103, 919-931		129
161	Tectonic feedback and the ordering of heat producing elements within the continental lithosphere. *Earth and Planetary Science Letters*, **2002**, 204, 133-150	5.3	128
160	Controls on the locus of intraplate deformation in central Australia. *Earth and Planetary Science Letters*, **1998**, 162, 97-110	5.3	127
159	Origin of the in situ stress field in south-eastern Australia. *Basin Research*, **2004**, 16, 325-338	3.2	127
158	Intraplate deformation in central Australia, the link between subsidence and fault reactivation. *Tectonophysics*, **1999**, 305, 121-140	3.1	123
157	The origins of the intraplate stress field in continental Australia. *Earth and Planetary Science Letters*, **1995**, 133, 299-309	5.3	119
156	Palaeozoic synorogenic sedimentation in central and northern Australia: A review of distribution and timing with implications for the evolution of intracontinental orogens. *Australian Journal of Earth Sciences*, **2001**, 48, 911-928	1.4	117
155	Regional geochemistry and continental heat flow: implications for the origin of the South Australian heat flow anomaly. *Earth and Planetary Science Letters*, **2000**, 183, 107-120	5.3	105
154	Sm-Nd isotopic evidence for the provenance of sediments from the Adelaide Fold Belt and southeastern Australia with implications for episodic crustal addition. *Geochimica Et Cosmochimica Acta*, **1993**, 57, 1837-1856	5.5	105
153	U-series isotope and geodynamic constraints on mantle melting processes beneath the Newer Volcanic Province in South Australia. *Earth and Planetary Science Letters*, **2007**, 261, 517-533	5.3	102
152	The tilting continent: A new constraint on the dynamic topographic field from Australia. *Earth and Planetary Science Letters*, **2007**, 261, 152-163	5.3	97
151	Lifespan of mountain ranges scaled by feedbacks between landsliding and erosion by rivers. *Nature* , **2013**, 498, 475-8	50.4	96
150	High geothermal gradient metamorphism during thermal subsidence. *Earth and Planetary Science Letters*, **1998**, 163, 149-165	5.3	96

149	Horizontal structures in granulite terrains: A record of mountain building or mountain collapse?. *Geology*, **1989**, 17, 449	5	91
148	High radiogenic heat□producing granites and metamorphism□An example from the western Mount Isa inlier, Australia. *Geology*, **1999**, 27, 679	5	87
147	Granite production in the Delamerian Orogen, South Australia. *Journal of the Geological Society*, **2002**, 159, 557-575	2.7	84
146	Source of the Lachlan fold belt flysch linked to convective removal of the lithospheric mantle and rapid exhumation of the Delamerian-Ross fold belt. *Geology*, **1996**, 24, 941	5	84
145	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	1.4	80
144	Quaternary faults of south-central Australia: Palaeoseismicity, slip rates and origin. *Australian Journal of Earth Sciences*, **2006**, 53, 285-301	1.4	79
143	Some isostatic and thermal consequences of the vertical strain geometry in convergent orogens. *Earth and Planetary Science Letters*, **1990**, 98, 154-165	5.3	77
142	On the gravitational potential of the Earth's lithosphere. *Tectonics*, **1994**, 13, 929-945	4.3	73
141	Mechanical consequences of granite emplacement during high-T, low-P metamorphism and the origin of □nticlockwise□PT paths. *Earth and Planetary Science Letters*, **1991**, 107, 164-172	5.3	73
140	Present-day stresses, seismicity and Neogene-to-Recent tectonics of Australia's □assive□margins: intraplate deformation controlled by plate boundary forces. *Geological Society Special Publication*, **2008**, 306, 71-90	1.7	71
139	Retrospective modeling of the merit-order effect on wholesale electricity prices from distributed photovoltaic generation in the Australian National Electricity Market. *Energy Policy*, **2013**, 58, 17-27	7.2	70
138	Tectonic stresses in the African plate: Constraints on the ambient lithospheric stress state. *Geology*, **1994**, 22, 831	5	70
137	Metamorphic evolution of aluminous granulites from Labwor Hills, Uganda. *Contributions To Mineralogy and Petrology*, **1987**, 95, 217-225	3.5	69
136	Long-term thermal consequences of the redistribution of heat-producing elements associated with large-scale granitic complexes. *Journal of Metamorphic Geology*, **2002**, 20, 87-98	4.4	68
135	Modes of active intraplate deformation, Flinders Ranges, Australia. *Tectonics*, **2005**, 24, n/a-n/a	4.3	67
134	Climatic variability in Central Indian Himalaya during the last ~1800 years: Evidence from a high resolution speleothem record. *Quaternary International*, **2013**, 304, 183-192	2	66
133	U□b SHRIMP zircon geochronology and T□d history of the Kampa Dome, southern Tibet. *Tectonophysics*, **2008**, 446, 97-113	3.1	65
132	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. *Tectonics*, **2004**, 23, n/a-n/a	4.3	65

131	Mechanics of basin inversion. *Tectonophysics*, **1999**, 305, 109-120	3.1	65
130	The metamorphic evolution of granulites at Fyfe Hills; implications for Archaean crustal thickness in Enderby Land, Antarctica. *Journal of Metamorphic Geology*, **1985**, 3, 155-178	4.4	65
129	Estimating the value of electricity storage in an energy-only wholesale market. *Applied Energy*, **2015**, 159, 422-432	10.7	62
128	Distinguishing tectonic from climatic controls on range-front sedimentation. *Basin Research*, **2007**, 19, 491-505	3.2	61
127	Structural geometry and controls on basement-involved deformation in the northern Flinders Ranges, Adelaide Fold Belt, South Australia. *Australian Journal of Earth Sciences*, **1999**, 46, 343-354	1.4	59
126	Observations on the tectonic evolution of the southern Adelaide Fold Belt. *Tectonophysics*, **1992**, 214, 27-36	3.1	59
125	Thermochronology of high heat-producing crust at Mount Painter, South Australia: Implications for tectonic reactivation of continental interiors. *Tectonics*, **2002**, 21, 2-1-2-18	4.3	58
124	Provenance of Late Triassic sediments in central Lhasa terrane, Tibet and its implication. *Gondwana Research*, **2014**, 25, 1680-1689	5.1	57
123	High-precision geothermobarometry across the High Himalayan metamorphic sequence, Langtang Valley, Nepal. *Journal of Metamorphic Geology*, **2000**, 18, 665-681	4.4	57
122	Phase relationships in Buchan facies series pelitic assemblages: calculations with application to andalusite-staurolite parageneses in the Mount Lofty Ranges, South Australia. *Contributions To Mineralogy and Petrology*, **1992**, 110, 121-132	3.5	56
121	Buried Inset-Valleys in the Eastern Yilgarn Craton, Western Australia: Geomorphology, Age, and Allogenic Control. *Journal of Geology*, **2005**, 113, 471-493	2	55
120	The structural evolution of the Fyfe Hills-Khmara Bay region, Enderby Land, East Antarctica. *Australian Journal of Earth Sciences*, **1984**, 31, 403-426	1.4	55
119	Tectonic geomorphology of Australia. *Geological Society Special Publication*, **2010**, 346, 243-265	1.7	54
118	Sapphirine and spinel phase relationships in the system FeO-MgO-Al2O3-SiO2-TiO2-O2 in the presence of quartz and hypersthene. *Contributions To Mineralogy and Petrology*, **1988**, 98, 64-71	3.5	54
117	Thermal and baric evolution of garnet granulites from Sri Lanka. *Journal of Metamorphic Geology*, **1988**, 6, 351-364	4.4	54
116	The mechanics of clay smearing along faults. *Geology*, **2008**, 36, 787	5	53
115	Recent contribution of sediments and fluids to the mantle volatile budget. *Nature Geoscience*, **2012**, 5, 50-54	18.3	51
114	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	1.4	50

113	Cenozoic Eucla Basin and associated palaeovalleys, southern Australia – Climatic and tectonic influences on landscape evolution, sedimentation and heavy mineral accumulation. *Sedimentary Geology*, **2008**, 203, 112-130	2.8	50
112	Contrasting styles of Proterozoic crustal evolution: A hot-plate tectonic model for Australian terranes. *Geology*, **2005**, 33, 673-676	5	50
111	Geomorphic constraints on the Late Neogene tectonics of the Otway Range, Victoria. *Australian Journal of Earth Sciences*, **2003**, 50, 69-80	1.4	49
110	Episodic metamorphism and deformation in low-pressure, high-temperature terranes. *Geology*, **1993**, 21, 829	5	49
109	Palaeozoic Intraplate Crustal Anatexis in the Mount Painter Province, South Australia: Timing, Thermal Budgets and the Role of Crustal Heat Production. *Journal of Petrology*, **2006**, 47, 2281-2302	3.9	48
108	40Ar/39Ar thermochronology of the Kampa Dome, southern Tibet: Implications for tectonic evolution of the North Himalayan gneiss domes. *Tectonophysics*, **2006**, 421, 269-297	3.1	48
107	On the stability of isostatically compensated mountain belts. *Journal of Geophysical Research*, **1992**, 97, 14207		47
106	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	3.2	46
105	Tectonic framework for the Cenozoic cratonic basins of Australia. *Australian Journal of Earth Sciences*, **2009**, 56, S5-S18	1.4	45
104	TOPO-OZ: Insights into the various modes of intraplate deformation in the Australian continent. *Tectonophysics*, **2009**, 474, 405-416	3.1	45
103	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	4.4	45
102	Deformation volume and cleavage development in metasedimentary rocks from the Ballarat slate belt. *Journal of Structural Geology*, **1988**, 10, 53-62	3	45
101	Bedrock erosion and relief production in the northern Flinders Ranges, Australia. *Earth Surface Processes and Landforms*, **2007**, 32, 929-944	3.7	44
100	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	1.4	44
99	High-T, low-P metamorphism in the Palaeoproterozoic Halls Creek Orogen, northern Australia: the middle crustal response to a mantle-related transient thermal pulse. *Journal of Metamorphic Geology*, **2002**, 20, 217-237	4.4	41
98	Geomorphology reveals active décollement geometry in the central Himalayan seismic gap. *Lithosphere*, **2015**, 7, 247-256	2.7	40
97	Granite genesis and the mechanics of convergent orogenic belts with application to the southern Adelaide Fold Belt. *Earth and Environmental Science Transactions of the Royal Society of Edinburgh*, **1992**, 83, 83-93	0.9	40
96	The origin of retrograde shear zones in the Napier Complex: implications for the tectonic evolution of Enderby Land, Antarctica. *Journal of Structural Geology*, **1985**, 7, 477-488	3	38

95	Contrasting styles of Proterozoic crustal evolution: A hot-plate tectonic model for Australian terranes. *Geology*, **2005**, 33, 673	5	37
94	Tectonic feedback, intraplate orogeny and the geochemical structure of the crust: a central Australian perspective. *Geological Society Special Publication*, **2001**, 184, 195-218	1.7	37
93	A staurolite-talc assemblage in tourmaline-phlogopite-chlorite schist from northern Victoria Land, Antarctica, and its petrogenetic significance. *Contributions To Mineralogy and Petrology*, **1984**, 87, 337-350	3.5	37
92	Interactions of 3D mantle flow and continental lithosphere near passive margins. *Tectonophysics*, **2010**, 483, 20-28	3.1	36
91	The big crunch: Physical and chemical expressions of arc/continent collision in the Western Bismarck arc. *Journal of Volcanology and Geothermal Research*, **2010**, 190, 11-24	2.8	36
90	Enhanced intraplate seismicity along continental margins: Some causes and consequences. *Tectonophysics*, **2008**, 457, 197-208	3.1	36
89	Neotectonics of southeastern Australia: linking the Quaternary faulting record with seismicity and in situ stress **2003**,		36
88	Thermal weakening localizes intraplate deformation along the southern Australian continental margin. *Earth and Planetary Science Letters*, **2011**, 305, 207-214	5.3	35
87	Secular trends in the thermal evolution of metamorphic terrains. *Earth and Planetary Science Letters*, **1989**, 95, 85-96	5.3	35
86	Landscape responses to intraplate tectonism: Quantitative constraints from 10Be nuclide abundances. *Earth and Planetary Science Letters*, **2007**, 261, 120-133	5.3	33
85	Synorogenic morphotectonic evolution of the Gangdese batholith, South Tibet: Insights from low-temperature thermochronology. *Geochemistry, Geophysics, Geosystems*, **2016**, 17, 101-112	3.6	32
84	Archeological and Historical Database on the Medieval Earthquakes of the Central Himalaya: Ambiguities and Inferences. *Seismological Research Letters*, **2013**, 84, 1098-1108	3	32
83	Some causes and consequences of high-temperature, low-pressure metamorphism in the eastern Mt Lofty Ranges, South Australia. *Australian Journal of Earth Sciences*, **1995**, 42, 233-240	1.4	31
82	Constraining the age of Liuqu Conglomerate, southern Tibet: Implications for evolution of the India–Asia collision zone. *Earth and Planetary Science Letters*, **2015**, 426, 259-266	5.3	30
81	Changes in stable isotope ratios of metapelites and marbles during regional metamorphism, Mount Lofty Ranges, South Australia: implications for crustal scale fluid flow. *Contributions To Mineralogy and Petrology*, **1995**, 120, 292-310	3.5	30
80	Ridge torques and continental collision in the Indian-Australian plate. *Geology*, **1995**, 23, 653	5	30
79	Did the Delamerian Orogeny Start in the Neoproterozoic?. *Journal of Geology*, **2009**, 117, 575-583	2	29
78	Evaluating slab-plate coupling in the Indo-Australian plate. *Geology*, **2005**, 33, 113	5	28

77	Beryllium and Other Trace Elements in Paragneisses and Anatectic Veins of the Ultrahigh-Temperature Napier Complex, Enderby Land, East Antarctica: the Role of Sapphirine. *Journal of Petrology*, **2006**, 47, 859-882	3.9	28
76	Heat refraction and low-pressure metamorphism in the northern Flinders Ranges, South Australia. *Australian Journal of Earth Sciences*, **1995**, 42, 241-247	1.4	27
75	The P□T record of synchronous magmatism, metamorphism and deformation at Petrel Cove, southern Adelaide Fold Belt. *Journal of Metamorphic Geology*, **2002**, 20, 351-363	4.4	26
74	Cenozoic low temperature cooling history of the Northern Tethyan Himalaya in Zedang, SE Tibet and its implications. *Tectonophysics*, **2015**, 643, 80-93	3.1	25
73	Seismic moment release during slab rupture beneath the Banda Sea. *Geophysical Journal International*, **2008**, 174, 659-671	2.6	25
72	The hot southern continent: heat flow and heat production in Australian Proterozoic terranes **2003**,		24
71	Seismic response to slab rupture and variation in lithospheric structure beneath the Savu Sea, Indonesia. *Tectonophysics*, **2010**, 483, 112-124	3.1	23
70	On the Mechanical Stability of Inclined Wellbores. *SPE Drilling and Completion*, **1996**, 11, 67-73	1.4	23
69	Low thermal Peclet number intraplate orogeny in central Australia. *Earth and Planetary Science Letters*, **2002**, 201, 309-320	5.3	22
68	Sedimentary thickness variations and deformation intensity during basin inversion in the Flinders Ranges, South Australia. *Journal of Structural Geology*, **1998**, 20, 1721-1731	3	20
67	Structural geometry of a thick-skinned fold-thrust belt termination: The Olary Block in the Adelaide Fold Belt, South Australia. *Australian Journal of Earth Sciences*, **2000**, 47, 281-289	1.4	20
66	Plate-scale potential-energy distributions and the fragmentation of ageing plates. *Earth and Planetary Science Letters*, **1994**, 126, 143-159	5.3	20
65	Petrogenesis of cordierite-orthoamphibole assemblages from the Springton region, South Australia. *Contributions To Mineralogy and Petrology*, **1990**, 106, 100-109	3.5	20
64	PRESENT-DAY STATE-OF-STRESS OF SOUTHEAST AUSTRALIA. *APPEA Journal*, **2006**, 46, 283	0.6	20
63	A new strategy for discrete element numerical models: 2. Sandbox applications. *Journal of Geophysical Research*, **2007**, 112,		19
62	Rb/Sr dating of differentiated cleavage from the upper Adelaidean metasediments at Hallett Cove, southern Adelaide fold belt. *Journal of Structural Geology*, **1994**, 16, 1233-1241	3	19
61	Thermometrically inferred cooling rates from the Plattengneis, Koralm region, Eastern Alps. *Earth and Planetary Science Letters*, **1994**, 125, 307-321	5.3	19
60	India-Asia convergence: Insights from burial and exhumation of the Xigaze fore-arc basin, south Tibet. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 3430-3449	3.6	18

59	A high-resolution, calibrated airborne radiometric dataset applied to the estimation of crustal heat production in the Archaean northern Pilbara Craton, Western Australia. *Precambrian Research*, **2004**, 128, 57-82	3.9	18
58	Australian Proterozoic high-temperature, low-pressure metamorphism in the conductive limit. *Geological Society Special Publication*, **1998**, 138, 109-120	1.7	18
57	Early Proterozoic metamorphism at The Granites gold mine, Northern Territory; implications for the timing of fluid production in high-temperature, low-pressure terranes. *Economic Geology*, **1993**, 88, 1099-1113	4.3	17
56	Geomorphic and cosmogenic nuclide constraints on escarpment evolution in an intraplate setting, Darling Escarpment, Western Australia. *Earth Surface Processes and Landforms*, **2011**, 36, 449-459	3.7	15
55	Corona textures between kyanite, garnet and gedrite in gneisses from Errabiddy, Western Australia. *Journal of Metamorphic Geology*, **1987**, 5, 357-370	4.4	15
54	The origin of Archaean gneisses in the Fyfe Hills Region, Enderby Land; field occurrence, petrography and geochemistry. *Precambrian Research*, **1986**, 31, 37-68	3.9	15
53	A trapdoor mechanism for slab tearing and melt generation in the northern Andes. *Geology*, **2019**, 47, 23-26	5	14
52	Provenance of the Upper Cretaceous to Lower Tertiary Sedimentary Relicts in the Renbu M□ange Zone, within the Indus-Yarlung Suture Zone. *Journal of Geology*, **2015**, 123, 39-54	2	14
51	Evolution of Ataf□o Island: Temporal constraints on subduction processes beneath the Wetar zone, Banda Arc. *Journal of Asian Earth Sciences*, **2011**, 41, 477-493	2.8	14
50	Distribution of Palaeozoic reworking in the Western Arunta Region and northwestern Amadeus Basin from 40Ar/39Ar thermochronology: implications for the evolution of intracratonic basins. *Basin Research*, **2009**, 21, 315-334	3.2	14
49	The long-term thermal consequences of rifting: implications for basin reactivation. *Basin Research*, **2003**, 15, 23-43	3.2	14
48	A granulite facies kalsilite-leucite-hibonite association from Punalur, Southern India. *Mineralogy and Petrology*, **1991**, 43, 225-236	1.6	14
47	Detrital zircon U□Pb and 40Ar/39Ar hornblende ages from the Aileu Complex, Timor-Leste: provenance and metamorphic cooling history. *Journal of the Geological Society*, **2014**, 171, 299-309	2.7	13
46	Amphibolites with staurolite and other aluminous minerals: calculated mineral equilibria in NCFMASH. *Journal of Metamorphic Geology*, **2000**, 18, 23-40	4.4	13
45	Mantle-lithospheric deformation and crustal metamorphism with some speculations on the thermal and mechanical significance of the Tauern Event, Eastern Alps. *Tectonophysics*, **1995**, 242, 115-132	3.1	13
44	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. *Journal of Applied Geophysics*, **1994**, 32, 293-304	1.7	13
43	Some remarks on the stability of blueschists and related highP-lowT assemblages in continental orogens. *Earth and Planetary Science Letters*, **1991**, 102, 14-23	5.3	13
42	Shear-zone deformation in the Yackandandah Granite, northeast Victoria. *Australian Journal of Earth Sciences*, **1988**, 35, 223-230	1.4	13

41	Stalagmite growth perturbations from the Kumaun Himalaya as potential earthquake recorders. *Journal of Seismology*, **2016**, 20, 579-594	1.5	13
40	Why are the continents just so? *Journal of Metamorphic Geology*, **2010**, 28, 569-577	4.4	12
39	Metamorphic events in the eastern Arunta Inlier, Part 1. Metamorphic petrology. *Precambrian Research*, **1995**, 71, 183-205	3.9	12
38	Thermal and Mechanical Controls on the Evolution of Archean Crustal Deformation: Examples from Western Australia. *Geophysical Monograph Series*, **2006**, 131-147	1.1	11
37	Five Years of Declining Annual Consumption of Grid-Supplied Electricity in Eastern Australia: Causes and Consequences. *Electricity Journal*, **2015**, 28, 96-117	2.6	10
36	Current strain accumulation in the hinterland of the northwest Himalaya constrained by landscape analyses, basin-wide denudation rates, and low temperature thermochronology. *Tectonophysics*, **2017**, 721, 70-89	3.1	10
35	Origins of large-volume, compositionally zoned volcanic eruptions: New constraints from U-series isotopes and numerical thermal modeling for the 1912 Katmai-Novarupta eruption. *Journal of Geophysical Research*, **2010**, 115,		9
34	A description of metamorphic PTt paths with implications for low-P high-T metamorphism. *Physics of the Earth and Planetary Interiors*, **1995**, 88, 211-221	2.3	9
33	Geometric controls on flat slab seismicity. *Earth and Planetary Science Letters*, **2019**, 527, 115787	5.3	8
32	Rupture Characteristics and Bedrock Structural Control of the 2016 Mw 6.0 Intraplate Earthquake in the Petermann Ranges, Australia. *Bulletin of the Seismological Society of America*, **2020**, 110, 1037-1045	2.3	8
31	Modelling the contemporary stress field and its implications for hydrocarbon exploration. *Exploration Geophysics*, **1997**, 28, 88-93	1	8
30	Zoned hibonites from Punalur, South India. *Mineralogical Magazine*, **1991**, 55, 159-162	1.7	8
29	Style and timing of late Quaternary faulting on the Lake Edgar fault, southwest Tasmania, Australia: Implications for hazard assessment in intracratonic areas **2011**,		7
28	Uranium-series isotope and thermal constraints on the rate and depth of silicic magma genesis. *Geological Society Special Publication*, **2008**, 304, 169-181	1.7	7
27	Hydrogeological implications of active tectonics in the Great Artesian Basin, Australia. *Hydrogeology Journal*, **2020**, 28, 57-73	3.1	7
26	Multi-stage exhumation history of the West Kunlun orogen and the amalgamation of the Tibetan Plateau. *Earth and Planetary Science Letters*, **2019**, 528, 115833	5.3	6
25	Interacting Intraplate Fault Systems in Australia: The 2012 Thorpdale, Victoria, Seismic Sequences. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 4673-4693	3.6	6
24	The Fingerprints of Flexure in Slab Seismicity. *Tectonics*, **2020**, 39, e2019TC005894	4.3	6

23	The upper mantle geoid: Implications for continental structure and the intraplate stress field. *Special Paper of the Geological Society of America*,197-214		6
22	Thermal insulation and geothermal targeting, with specific reference to coal-bearing basins. *Australian Journal of Earth Sciences*, **2013**, 60, 817-830	1.4	6
21	Granite genesis and the mechanics of convergent orogenic belts with application to the southern Adelaide Fold Belt. *Special Paper of the Geological Society of America*, **1992**, 83-94		6
20	Late proterozoic deformation in the Amadeus Basin, Central Australia. *Australian Journal of Earth Sciences*, **1992**, 39, 495-500	1.4	6
19	Structural evolution of the Lanterman Metamorphic Complex, northern Victoria Land, Antarctica. *New Zealand Journal of Geology, and Geophysics*, **1985**, 28, 443-458	1.6	6
18	Long-term thermal consequences of tectonic activity at Mount Isa, Australia: Implications for polyphase tectonism in the Proterozoic. *Geological Society Special Publication*, **2001**, 184, 219-236	1.7	5
17	Post-collisional exhumation of the Indus-Yarlung suture zone and Northern Tethyan Himalaya, Saga, SW Tibet. *Gondwana Research*, **2018**, 64, 1-10	5.1	4
16	Detecting landscape transience with in situ cosmogenic 14C and 10Be. *Quaternary Geochronology*, **2019**, 54, 101008	2.7	4
15	dating of differentiated cleavage from the upper Adelaidean metasediments at Hallett Cove, southern Adelaide fold belt: Reply. *Journal of Structural Geology*, **1995**, 17, 1801-1803	3	4
14	Isotopic (U-Pb, Nd) and geochemical constraints on the origins of the Aileu and Gondwana sequences of Timor. *Journal of Asian Earth Sciences*, **2017**, 134, 330-351	2.8	3
13	Lower crustal rheological expression in inverted basins. *Geological Society Special Publication*, **2006**, 253, 271-283	1.7	3
12	Impacts of LNG Export and Market Power on Australian Electricity Market Dynamics, 2016–2019. *Current Sustainable/Renewable Energy Reports*, **2020**, 7, 176-185	2.8	2
11	Spatially and Geochemically Anomalous Arc Magmatism: Insights From the Andean Arc. *Geochemistry, Geophysics, Geosystems*, **2021**, 22, e2021GC009688	3.6	2
10	Geophysical and geochemical constraints on the origin of Holocene intraplate volcanism in East Asia. *Earth-Science Reviews*, **2021**, 218, 103624	10.2	2
9	Heat flow and inferred ground surface temperature history at Tynong North, southeastern Australia. *Australian Journal of Earth Sciences*, **2017**, 64, 753-767	1.4	1
8	AN INTER-DISCIPLINARY, MULTI-PHYSICS APPROACH FOR RAPID MAPPING AND HYDROGEOLOGICAL CHARACTERISATION OF NEOGENE INTRA-PLATE FAULT SYSTEMS IN DEPOSITIONAL LANDSCAPES **2017**,		1
7	High radiogenic heat-producing granites and metamorphism—An example from the western Mount Isa inlier, Australia: Comment and Reply. *Geology*, **2000**, 28, 672	5	1
6	A Fourier Spectral Method to Measure the Thermal Diffusivity of Soil. *Geotechnical Testing Journal*, **2020**, 43, 20180300	1.3	1

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4	GipNet Baseline Environmental Data Gathering and Measurement Technology Validation for Nearshore Marine Carbon Storage. *Energy Procedia*, **2017**, 114, 3729-3753	2.3	0
3	On the importance of minding ones Ps and Ts: metamorphic processes and quantitative petrology. *Journal of Metamorphic Geology*, **2010**, 28, 561-567	4.4	
2	A supplement to A study of the design of inclined wellbores with regard to both mechanical stability and fracture intersection *Journal of Applied Geophysics*, **1996**, 36, 145-147	1.7	
1	Geomorphic imprints of lithospheric flexure in central Australia. *Earth and Planetary Science Letters*, **2022**, 584, 117456	5.3	