

# Allan Trench

## List of Publications by Year in descending order

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39  
papers

1,063  
citations

430874

18  
h-index

414414

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Baltica. A synopsis of vendian-permian palaeomagnetic data and their palaeotectonic implications. <i>Earth-Science Reviews</i> , 1992, 33, 133-152.	9.1	192
2	Palaeogeographic significance of mid-Silurian palaeomagnetic results from southern Britain-major revision of the apparent polar wander path for eastern Avalonia. <i>Geophysical Journal International</i> , 1993, 113, 651-668.	2.4	86
3	The Ordovician history of the Iapetus Ocean in Britain: new palaeomagnetic constraints. <i>Journal of the Geological Society</i> , 1991, 148, 423-425.	2.1	67
4	The closure of the Iapetus Ocean and Tornquist Sea: new palaeomagnetic constraints. <i>Journal of the Geological Society</i> , 1992, 149, 867-870.	2.1	58
5	A revised Palaeozoic apparent polar wander path for Southern Britain (Eastern Avalonia). <i>Geophysical Journal International</i> , 1991, 104, 227-233.	2.4	52
6	On the palaeogeography of Baltica during the Palaeozoic: new palaeomagnetic data from the Scandinavian Caledonides. <i>Geophysical Journal International</i> , 1990, 103, 261-279.	2.4	49
7	Cambrian-Ordovician paleogeography of Baltica. <i>Geology</i> , 1991, 19, 7.	4.4	49
8	Ordovician magnetostratigraphy: Llanvirn-Caradoc limestones of the Baltic platform. <i>Geophysical Journal International</i> , 1991, 107, 171-184.	2.4	45
9	The Lower-Middle Ordovician palaeofield of Scandinavia: southern Sweden –revisited–™. <i>Physics of the Earth and Planetary Interiors</i> , 1991, 65, 283-291.	1.9	38
10	Rare Earth Permanent Magnets and Their Place in the Future Economy. <i>Engineering</i> , 2020, 6, 115-118.	6.7	34
11	Ordovician magnetostratigraphy: a correlation of global data. <i>Journal of the Geological Society</i> , 1991, 148, 949-957.	2.1	31
12	Palaeozoic palaeomagnetic studies, in the Welsh Basin-recent advances. <i>Geological Magazine</i> , 1992, 129, 533-542.	1.5	31
13	A palaeomagnetic study of the Builth Wells-Llandrindod Wells Ordovician Inlier, Wales: palaeogeographic and structural implications. <i>Geophysical Journal International</i> , 1991, 105, 477-489.	2.4	28
14	The palaeogeographic evolution of Southern Britain during early Palaeozoic times: a reconciliation of palaeomagnetic and biogeographic evidence. <i>Tectonophysics</i> , 1992, 201, 75-82.	2.2	26
15	Gold mining greenhouse gas emissions, abatement measures, and the impact of a carbon price. <i>Journal of Cleaner Production</i> , 2022, 340, 130851.	9.3	25
16	A high southerly palaeolatitude for Southern Britain in Early Ordovician times: palaeomagnetic data from the Treffgarne Volcanic Formation SW Wales. <i>Geophysical Journal International</i> , 1992, 108, 89-100.	2.4	24
17	Tin mining in Myanmar: Production and potential. <i>Resources Policy</i> , 2015, 46, 219-233.	9.6	24
18	Lower Ordovician reversal asymmetry: An artifact of remagnetization or nondipole field disturbance?. <i>Journal of Geophysical Research</i> , 1995, 100, 17885-17898.	3.3	20

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19	The Lower Palaeozoic apparent polar wander path for Baltica: palaeomagnetic data from Silurian limestones of Gotland, Sweden. <i>Geophysical Journal International</i> , 2007, 107, 373-379.	2.4	20
20	Geophysical Signatures of Western Australian Mineral Deposits: An Overview. <i>Exploration Geophysics</i> , 1994, 25, 103-160.	1.1	17
21	Towards producing mineral resource-potential maps within a mineral systems framework, with emphasis on Australian orogenic gold systems. <i>Ore Geology Reviews</i> , 2020, 119, 103369.	2.7	16
22	The polarity of the Silurian magnetic field: indications from a global data compilation. <i>Journal of the Geological Society</i> , 1993, 150, 823-831.	2.1	15
23	Grade-cost relationships within Australian underground gold mines – A 2014–2017 empirical study and potential value implications. <i>Resources Policy</i> , 2019, 61, 29-48.	9.6	15
24	Geophysical investigation of the Honningsvåg igneous complex, Scandinavian Caledonides. <i>Journal of the Geological Society</i> , 1992, 149, 373-381.	2.1	13
25	Entering an immature exploration search space: Assessment of the potential orogenic gold endowment of the Sandstone Greenstone Belt, Yilgarn Craton, by application of Zipf's law and comparison with the adjacent Agnew Goldfield. <i>Ore Geology Reviews</i> , 2018, 94, 326-350.	2.7	12
26	Implications of palaeomagnetic data from the Tortworth Silurian inlier (southern Britain) to palaeogeography and Variscan tectonism. <i>Geophysical Journal International</i> , 1994, 119, 91-100.	2.4	11
27	A role for data richness mapping in exploration decision making. <i>Ore Geology Reviews</i> , 2018, 99, 398-410.	2.7	10
28	Greenhouse gas emissions and production cost footprints in Australian gold mines. <i>Journal of Cleaner Production</i> , 2020, 267, 122118.	9.3	10
29	The British Siluro-Devonian palaeofield, the Great Glen Fault and analytical methods in palaeomagnetism: comments on paper by K. M. Storetvedt et al.. <i>Geophysical Journal International</i> , 1991, 105, 467-473.	2.4	9
30	Comment on "Palaeomagnetic results from volcanic rocks of the Shelve Inlier, Wales: evidence for a wide Late Ordovician Iapetus Ocean in Britain" by C. McCabe and J.E.T. Channell. <i>Earth and Planetary Science Letters</i> , 1991, 104, 535-539.	4.4	8
31	Appraisal of the USGS Three-Part Mineral Resource Assessment through estimation of the orogenic gold endowment of the Sandstone Greenstone Belt, Yilgarn Craton, Western Australia. <i>Mineralium Deposita</i> , 2020, 55, 1009-1028.	4.1	5
32	Learning and Expertise in Mineral Exploration Decision-Making: An Ecological Dynamics Perspective. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9752.	2.6	5
33	Litho-structural controls on orogenic gold deposits within the Sandstone greenstone belt, Yilgarn Craton, Western Australia: implications for exploration targeting. <i>Applied Earth Science: Transactions of the Institute of Mining and Metallurgy</i> , 2019, 128, 136-145.	1.0	4
34	Recent pegmatite-hosted spodumene discoveries in Western Australia: insights for lithium exploration in Australia and globally. <i>Applied Earth Science: Transactions of the Institute of Mining and Metallurgy</i> , 2022, 131, 100-113.	1.0	4
35	Palaeomagnetic and rock magnetic reliability criteria in ophiolitic rocks: a case study from the Palaeozoic Ballantrae Ophiolite, Scotland. <i>Tectonophysics</i> , 1990, 184, 55-72.	2.2	3
36	Not all gold shines in crisis times – Gold firms, gold bullion and the COVID-19 shock. <i>Journal of Commodity Markets</i> , 2022, , 100260.	2.1	3

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37	Assessing the variability of expert estimates in the USGS Three-part Undiscovered Mineral Resource Assessment methodology: A call for increased skill diversity and scenario-based training. <i>Ore and Energy Resource Geology</i> , 2020, 2-3, 100006.	0.6	2
38	Structure of the highly mineralised late-Archaeon granitoid- greenstone terrain and the underlying crust in the Kambalda- Widgiemooltha area, Western Australia, from the integration of geophysical datasets.. <i>Exploration Geophysics</i> , 1999, 30, 50-67.	1.1	1
39	Predicting grade-tonnage characteristics of undiscovered mineralisation: application of the USGS Three-part Undiscovered Mineral Resource Assessment to the Sandstone Greenstone Belt of the Yilgarn Block, Western Australia. <i>Applied Earth Science: Transactions of the Institute of Mining and Metallurgy</i> , 2020, 129, 91-110.	1.0	0