Kathryn Goodenough

List of Publications by Year
in descending order

63	2,507	218677	197818
papers	citations	26 h-index	49 g-index

72	72	72	2126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alkaline-Silicate REE-HFSE Systems. Economic Geology, 2023, 118, 177-208.	3.8	16
2	Origin of ultramaficâ€“mafic bodies on the Isles of Lewis and Harris (Scotland, UK): Constraints on the Archeanâ€“Paleoproterozoic evolution of the Lewisian Gneiss Complex, North Atlantic Craton. Precambrian Research, 2022, 369, 106523.	2.7	2
3	Petrographic and geochemical study of Jurassic-Cretaceous intrusive massifs (Gabbros-syenites) of the Eastern High Atlas, Morocco (Rich-Talsint axis). Journal of African Earth Sciences, 2021, 184, 104280.	2.0	3
4	Mobilisation of rare earth elements in shear zones: Insights from the Tabouchent granodioritic pluton (Jebilet massif, Variscan Belt, Morocco). Ore Geology Reviews, 2021, 133, 103996.	2.7	5
5	Carbonatites and Alkaline Igneous Rocks in Post-Collisional Settings: Storehouses of Rare Earth Elements. Journal of Earth Science (Wuhan, China), 2021, 32, 1332-1358.	3.2	31
6	Towards sustainable extraction of technology materials through integrated approaches. Nature Reviews Earth & Environment, 2021, 2, 665-679.	29.7	46
7	Adsorption of rare earth elements in regolith-hosted clay deposits. Nature Communications, 2020, 11, 4386.	12.8	146
8	The igneous rocks of Singapore: New insights to Palaeozoic and Mesozoic assembly of the Sukhothai Arc. Journal of Asian Earth Sciences, 2019, 183, 103940.	2.3	23
9	REE concentration processes in ion adsorption deposits: Evidence from the Ambohimirahavavy alkaline complex in Madagascar. Ore Geology Reviews, 2019, 112, 103027.	2.7	49
10	Volcanic-Derived Placers as a Potential Resource of Rare Earth Elements: The Aksu Diamas Case Study, Turkey. Minerals (Basel, Switzerland), 2019, 9, 208.	2.0	13
11	Economic mineralization in pegmatites: comparing and contrasting NYF and LCT examples. Canadian Mineralogist, 2019, 57, 753-755.	1.0	11
12	The Kamativi pegmatite: an opportunity for economic development in Zimbabwe?. Canadian Mineralogist, 2019, 57, 791-793.	1.0	1
13	The Moroccan Massive Sulphide Deposits: Evidence for a Polyphase Mineralization. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlo	2.0	9
14	Rare earth element-bearing fluorite deposits of Turkey: An overview. Ore Geology Reviews, 2019, 105, 423-444.	2.7	21
15	Evidence for a Moist to Wet Source Transition Throughout the Omanâ€“UAE Ophiolite, and Implications for the Geodynamic History. Geochemistry, Geophysics, Geosystems, 2019, 20, 651-672.	2.5	7
16	Re-evaluating ambiguous age relationships in Archean cratons: Implications for the origin of ultramafic-mafic complexes in the Lewisian Gneiss Complex. Precambrian Research, 2018, 311, 136-156.	2.7	17
17	The Rare Earth Elements: Demand, Global Resources, and Challenges for Resourcing Future Generations. Natural Resources Research, 2018, 27, 201-216.	4.7	343
18	Caledonian and Knoydartian overprinting of a Grenvillian inlier and the enclosing Morar Group rocks: structural evolution of the Precambrian Proto-Moine Nappe, Glenelg, NW Scotland. Scottish Journal of Geology, 2018, 54, 13-35.	0.1	5

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19	A proximal record of caldera-forming eruptions: the stratigraphy, eruptive history and collapse of the Palaeogene Arran caldera, western Scotland. Bulletin of Volcanology, 2018, 80, 1.	3.0	4
20	Assessing the Validity of Negative High Field Strength-Element Anomalies as a Proxy for Archaean Subduction: Evidence from the Ben Strome Complex, NW Scotland. Geosciences (Switzerland), 2018, 8, 338.	2.2	16
21	A review of the mineral potential of Liberia. Ore Geology Reviews, 2018, 101, 413-431.	2.7	8
22	REE mineralisation within the DitrÄƒu Alkaline Complex, Romania: Interplay of magmatic and hydrothermal processes. Lithos, 2018, 314-315, 360-381.	1.4	23
23	Dykes as physical buffers to metamorphic overprinting: an example from the Archaeanâ€“Palaeoproterozoic Lewisian Gneiss Complex of NW Scotland. Scottish Journal of Geology, 2017, 53, 41-52.	0.1	4
24	Petrogenesis of rare-metal pegmatites in high-grade metamorphic terranes: A case study from the Lewisian Gneiss Complex of north-west Scotland. Precambrian Research, 2016, 281, 338-362.	2.7	73
25	Subduction or sagduction? Ambiguity in constraining the origin of ultramaficâ€“mafic bodies in the Archean crust of NW Scotland. Precambrian Research, 2016, 283, 89-105.	2.7	42
26	Fluid flow and polymetallic sulfide mineralization in the Kettara shear zone (Jebilet Massif, Variscan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	13
27	Critical Metal Mineralogy: Preface to the special issue of Mineralogical Magazine. Mineralogical Magazine, 2016, 80, 1-4.	1.4	7
28	A review of the potential for rare-earth element resources from European red muds: examples from SeydiÅŸehir, Turkey and Parnassus-Giona, Greece. Mineralogical Magazine, 2016, 80, 43-61.	1.4	93
29	Europe's rare earth element resource potential: An overview of REE metallogenetic provinces and their geodynamic setting. Ore Geology Reviews, 2016, 72, 838-856.	2.7	239
30	Temperatureâ€“time evolution of the Assynt Terrane of the Lewisian Gneiss Complex of Northwest Scotland from zircon U-Pb dating and Ti thermometry. Precambrian Research, 2015, 260, 55-75.	2.7	21
31	Drilling the solid earth: global geodynamic cycles and earth evolution. International Journal of Earth Sciences, 2015, 104, 1573-1587.	1.8	5
32	North Atlantic Craton Conference: Preface to the thematic issue of Mineralogical Magazine. Mineralogical Magazine, 2015, 79, 811-813.	1.4	0
33	Salt domes of the UAE and Oman: Probing eastern Arabia. Precambrian Research, 2015, 256, 1-16.	2.7	48
34	Structure and stratigraphy of the Morar Group in Knoydart, NW Highlands: implications for the history of the Moine Nappe and stratigraphic links between the Moine and Torridonian successions. Scottish Journal of Geology, 2014, 50, 125-142.	0.1	6
35	Post-collisional Pan-African granitoids and rare metal pegmatites in western Nigeria: Age, petrogenesis, and the â€˜pegmatite conundrumâ€™. Lithos, 2014, 200-201, 22-34.	1.4	52
36	Geochemical and Srâ€“Nd isotopic constraints on the petrogenesis and geodynamic significance of the Jebilet magmatism (Variscan Belt, Morocco). Geological Magazine, 2014, 151, 666-691.	1.5	25

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37	Records of Ocean Growth and Destruction in the Oman-UAE Ophiolite. Elements, 2014, 10, 109-114.	0.5	65
38	Enriched lithospheric mantle keel below the Scottish margin of the North Atlantic Craton: Evidence from the Palaeoproterozoic Scourie Dyke Swarm and mantle xenoliths. Precambrian Research, 2014, 250, 97-126.	2.7	45
39	Enrichment of Rare Earth Elements during magmatic and post-magmatic processes: a case study from the Loch Loyal Syenite Complex, northern Scotland. Contributions To Mineralogy and Petrology, 2013, 166, 1177-1202.	3.1	39
40	Lattice distortion in a zircon population and its effects on trace element mobility and Uâ€“Thâ€“Pb isotope systematics: examples from the Lewisian Gneiss Complex, northwest Scotland. Contributions To Mineralogy and Petrology, 2013, 166, 21-41.	3.1	40
41	New U-Pb age constraints for the Laxford Shear Zone, NW Scotland: Evidence for tectono-magmatic processes associated with the formation of a Paleoproterozoic supercontinent. Precambrian Research, 2013, 233, 1-19.	2.7	44
42	The South Barra shear zone: A composite Inverianâ€“Laxfordian shear zone and possible Terrane boundary in the Lewisian gneiss complex of the Isle of Barra, NW Scotland. Scottish Journal of Geology, 2013, 49, 93-103.	0.1	3
43	The structure and petrology of the Cnoc nan Cuilean Intrusion, Loch Loyal Syenite Complex, NW Scotland. Geological Magazine, 2013, 150, 783-800.	1.5	5
44	Architecture of the Omanâ€“UAE Ophiolite: Evidence for a Multi-Phase Magmatic History. Frontiers in Earth Sciences, 2013, , 23-42.	0.1	1
45	Provenance and tectonic significance of the Palaeoproterozoic metasedimentary successions of central and northern Madagascar. Precambrian Research, 2011, 189, 18-42.	2.7	54
46	Polyphase Neoproterozoic orogenesis within the East Africaâ€“Antarctica Orogenic Belt in central and northern Madagascar. Geological Society Special Publication, 2011, 357, 49-68.	1.3	25
47	The internal structure of the Moine Nappe Complex and the stratigraphy of the Morar Group in the Fannichsâ€“Beinn Dearg area, NW Highlands. Scottish Journal of Geology, 2011, 47, 1-20.	0.1	19
48	Timing of regional deformation and development of the Moine Thrust Zone in the Scottish Caledonides: constraints from the Uâ€“Pb geochronology of alkaline intrusions. Journal of the Geological Society, 2011, 168, 99-114.	2.1	57
49	Architecture of the Omanâ€“UAE ophiolite: evidence for a multi-phase magmatic history. Arabian Journal of Geosciences, 2010, 3, 439-458.	1.3	72
50	Post-collisional magmatism in the central East African Orogen: The Maevarano Suite of north Madagascar. Lithos, 2010, 116, 18-34.	1.4	58
51	The Laxford Shear Zone: an end-Archaean terrane boundary?. Geological Society Special Publication, 2010, 335, 103-120.	1.3	24
52	Geological evolution of the Antongil Craton, NE Madagascarâ˜†. Precambrian Research, 2010, 182, 187-203.	2.7	51
53	Introduction: from the British Tertiary into the future â€“ modern perspectives on the British Palaeogene and North Atlantic Igneous provinces. Geological Magazine, 2009, 146, 305-308.	1.5	4
54	Geological evolution of the Neoproterozoic Bemarivo Belt, northern Madagascar. Precambrian Research, 2009, 172, 279-300.	2.7	85

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55	Digital surface models and the landscape: interaction between bedrock and glacial geology in the Ullapool area. Scottish Journal of Geology, 2009, 45, 99-105.	0.1	5
56	Constraining the maximum age of movements in the Moine Thrust Belt: dating the Canisp Porphyry. Scottish Journal of Geology, 2006, 42, 77-81.	0.1	13
57	The minor intrusions of Assynt, NW Scotland: early development of magmatism along the Caledonian Front. Mineralogical Magazine, 2004, 68, 541-559.	1.4	29
58	Magmatism of the mid-Proterozoic Gardar Province, South Greenland: chronology, petrogenesis and geological setting. Lithos, 2003, 68, 43-65.	1.4	160
59	Intraplate alkaline magmatism: mineralogy and petrogenesis. Mineralogical Magazine, 2003, 67, 829-830.	1.4	1
60	Carbonatites and lamprophyres of the Gardar Province â€“ a â€˜windowâ€™ to the sub-Gardar mantle?. Mineralogical Magazine, 2003, 67, 855-872.	1.4	32
61	Long-term memory of subduction processes in the lithospheric mantle: evidence from the geochemistry of basic dykes in the Gardar Province of South Greenland. Journal of the Geological Society, 2002, 159, 705-714.	2.1	57
62	The petrology and petrogenesis of the North Motzfeldt Centre, Gardar Province, South Greenland. Mineralogical Magazine, 2001, 65, 759-774.	1.4	14
63	Geochemical evolution of the Ivigtut granite, South Greenland: a fluorine-rich â€œA-typeâ€•intrusion. Lithos, 2000, 51, 205-221.	1.4	64