

A N Halliday

List of Publications by Year in descending order

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32
papers

1,901
citations

304602

22
h-index

477173

29
g-index

32
all docs

32
docs citations

32
times ranked

838
citing authors

#	ARTICLE	IF	CITATIONS
1	Neodymium and strontium isotope content of microdiorite enclaves points to mantle input to granitoid production. <i>Nature</i> , 1987, 330, 53-56.	13.7	225
2	Mantle Dynamics: A Nd, Sr, Pb and O Isotopic Study of the Cameroon Line Volcanic Chain. <i>Journal of Petrology</i> , 1988, 29, 181-211.	1.1	218
3	Rb-Sr and O isotopic relationships in 3 zoned Caledonian granitic plutons, Southern Uplands, Scotland: evidence for varied sources and hybridization of magmas. <i>Journal of the Geological Society</i> , 1980, 137, 329-348.	0.9	141
4	Short Paper: The depositional age of the Dalradian Supergroup: U-Pb and Sm-Nd isotopic studies of the Tayvallich Volcanics, Scotland. <i>Journal of the Geological Society</i> , 1989, 146, 3-6.	0.9	124
5	Age and origin of Ballantrae ophiolite and its significance to the Caledonian orogeny and Ordovician time scale. <i>Geology</i> , 1980, 8, 492.	2.0	114
6	Trace element and isotopic exchange during acid-basic magma interaction processes. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 1996, 87, 225-232.	0.3	103
7	Coupled Sm-Nd and U-Pb systematics in late Caledonian granites and the basement under northern Britain. <i>Nature</i> , 1984, 307, 229-233.	13.7	100
8	Geochemical contrasts between late Caledonian granitoid plutons of northern, central and southern Scotland. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 1984, 75, 259-273.	1.0	100
9	Samarium-Neodymium Direct Dating of Fluorite Mineralization. <i>Science</i> , 1991, 252, 949-951.	6.0	94
10	Sm-Nd evidence for the age and origin of a Mississippi Valley Type ore deposit. <i>Nature</i> , 1990, 344, 54-56.	13.7	69
11	Syn-orogenic alkaline magmatism and its relationship to the Moine Thrust Zone and the thermal state of the Lithosphere in NW Scotland. <i>Journal of the Geological Society</i> , 1987, 144, 611-617.	0.9	63
12	An Ordovician ophiolite in County Tyrone, Ireland. <i>Nature</i> , 1985, 315, 210-212.	13.7	58
13	The timing of early and main stage ore mineralization in Southwest Cornwall. <i>Economic Geology</i> , 1980, 75, 752-759.	1.8	50
14	Isotopic and chemical constraints on the building of the deep Scottish lithosphere. <i>Scottish Journal of Geology</i> , 1985, 21, 465-491.	0.1	49
15	Petrogenetic significance of Rb-Sr and U-Pb isotopic systems in the 400 Ma old British Isles granitoids and their hosts. <i>Geological Society Special Publication</i> , 1979, 8, 653-661.	0.8	47
16	Sm/Nd isotopic investigation of the age and origin of the Meguma Zone metasedimentary rocks. <i>Canadian Journal of Earth Sciences</i> , 1985, 22, 102-107.	0.6	41
17	A revised age for the Donegal granites. <i>Nature</i> , 1980, 284, 542-543.	13.7	38
18	Sm-Nd ages from the Ballantrae complex, SW Scotland. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 1984, 75, 183-187.	1.0	36

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19	Provenance of Lower Old Red Sandstone conglomerates, SE Kincardineshire: evidence for the timing of Caledonian terrane accretion in central Scotland. <i>Journal of the Geological Society</i> , 1990, 147, 105-120.	0.9	30
20	K ⁴⁰ Ar ages of clay concentrates from Irish orebodies and their bearing on the timing of mineralisation. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 1983, 74, 1-14.	1.0	29
21	U ²³⁸ Pb isotopic ages from a granulite-facies xenolith from Partan Craig in the Midland Valley of Scotland. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 1984, 75, 71-74.	1.0	27
22	Discontinuities in the composition surface of a zoned pluton, Criffell, Scotland. <i>Bulletin of the Geological Society of America</i> , 1980, 91, 165.	1.6	25
23	The origin of granite magmas: a discussion. <i>Journal of the Geological Society</i> , 1980, 137, 93-97.	0.9	21
24	Combined Sm-Nd and Rb-Sr isotope systematics in the Donegal granitoids and their petrogenetic implications. <i>Geological Magazine</i> , 1990, 127, 75-80.	0.9	20
25	Rb-Sr isochron study of the Thorr and Main Donegal Granites, Ireland. <i>Geological Journal</i> , 1982, 17, 279-295.	0.6	19
26	Compositional Variation in the Galloway Plutons. , 1979, , 9-17.		16
27	Significance of a late Caledonian igneous complex revealed by clasts in Lower Old Red Sandstone conglomerates, central Scotland. <i>Bulletin of the Geological Society of America</i> , 1991, 103, 1476.	1.6	16
28	K-Ar dating of mineralization episodes; a discussion. <i>Economic Geology</i> , 1977, 72, 870-871.	1.8	12
29	On the sources of uranium in some Scottish Caledonian granites. <i>Mineralogical Magazine</i> , 1981, 44, 437-442.	0.6	8
30	Comment and Reply on "Age and origin of Ballantrae ophiolite and its significance to the Caledonian orogeny and the Ordovician time scale". <i>Geology</i> , 1982, 10, 331.	2.0	7
31	Trace element and isotopic exchange during acid-basic magma interaction processes. , 1996, , .		1
32	Age of a K-feldspar megacrystic granite from the Burgeo intrusive suite, and timing of tungsten mineralization at Grey River, southern Newfoundland. <i>Canadian Journal of Earth Sciences</i> , 1990, 27, 893-902.	0.6	0