

G Nelson Eby

List of Publications by Year in descending order

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39
papers

5,139
citations

186265
28
h-index

302126
39
g-index

39
all docs

39
docs citations

39
times ranked

3016
citing authors

#	ARTICLE	IF	CITATIONS
1	Accidental synthesis of a previously unknown quasicrystal in the first atomic bomb test. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	16
2	Petrology, geochemistry and geodynamic setting of Eocene-Oligocene alkaline intrusions from the Alborz-Azerbaijan magmatic belt, NW Iran. Chemie Der Erde, 2018, 78, 432-461.	2.0	11
3	The F, Cl, Br and I Contents of Reference Glasses <scp>BHVO</scp>â€2G, <scp>BIR</scp>â€1G, <scp>BCR</scp>â€2G, <scp>GSD</scp>â€1G, <scp>GSE</scp>â€1G, <scp>NIST SRM</scp> 610 and <scp>NIST SRM</scp> 612. Geostandards and Geoanalytical Research, 2017, 41, 107-122.	3.1	31
4	A new set of standards for inâ€situ measurement of bromine abundances in natural silicate glasses: Application to SR-XRF, LA-ICP-MS and SIMS techniques. Chemical Geology, 2017, 452, 60-70.	3.3	19
5	Trinitite redux: Mineralogy and petrology. American Mineralogist, 2015, 100, 427-441.	1.9	43
6	Continent-scale linearity of kimberliteâ€carbonatite magmatism, mid-continent North America. Earth and Planetary Science Letters, 2014, 403, 1-14.	4.4	25
7	Halogens (F, Cl and Br) at Oldoinyo Lengai volcano (Tanzania): Effects of magmatic differentiation, silicateâ€natrocarbonatite melt separation and surface alteration of natrocarbonatite. Chemical Geology, 2014, 365, 43-53.	3.3	28
8	Instrumental neutron activation analysis (INAA) and forensic applications. Geological Society Special Publication, 2013, 384, 121-131.	1.3	5
9	The volatile inventory (F, Cl, Br, S, C) of magmatic apatite: An integrated analytical approach. Chemical Geology, 2012, 291, 241-255.	3.3	121
10	Geochemistry of beach sands along the western Gulf of Mexico, Mexico: Implication for provenance. Chemie Der Erde, 2012, 72, 345-362.	2.0	149
11	Ore geochemistry, zircon mineralogy, and genesis of the Sakharjok Y-Zr deposit, Kola Peninsula, Russia. Geology of Ore Deposits, 2012, 54, 81-98.	0.7	16
12	Fault controlled Carboniferous A-type magmatism in the proto-Andean foreland (Sierras Pampeanas), Tj ETQq0 0 0 rBT /Overlock 10 Tf	1.4	91
13	Geochemistry and petrogenesis of the Fort Portal, Uganda, extrusive carbonatite. Lithos, 2009, 113, 785-800.	1.4	31
14	Geochronology of the Arkansas Alkaline Province, Southeastern United States. Journal of Geology, 2009, 117, 615-626.	1.4	7
15	Boron concentrations of volcanic fields in different geotectonic settings. Journal of Volcanology and Geothermal Research, 2007, 159, 70-84.	2.1	20
16	Geology, geochronology and geochemistry of a basanitic volcano, White Island, Ross Sea, Antarctica. Journal of Volcanology and Geothermal Research, 2007, 165, 189-216.	2.1	57
17	Partitioning behaviour of trace elements in a stoker-fired combustion unit: An example using bituminous coals from the Greymouth coalfield (Cretaceous), New Zealand. International Journal of Coal Geology, 2005, 63, 98-116.	5.0	33
18	Melilitite at Fort Portal, Uganda: Another dimension to the carbonate volcanism. Lithos, 2005, 85, 15-25.	1.4	28

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19	Geology and Age of the Late Archean Keivy Alkaline Province, Northeastern Baltic Shield. <i>Journal of Geology</i> , 2005, 113, 601-608.	1.4	64
20	Provenance analysis using conglomerate clast lithologies: a case study from the Pahau terrane of New Zealand. <i>Sedimentary Geology</i> , 2004, 167, 57-89.	2.1	62
21	Phlogopite-biotite parageneses from the K-mafic-carbonatite effusive magmatic association of Katwe-Kikorongo, SW Uganda. <i>Mineralogy and Petrology</i> , 2002, 74, 299-322.	1.1	37
22	The Hohonu Batholith of North Westland, New Zealand: granitoid compositions controlled by source H ₂ O contents and generated during tectonic transition. <i>Contributions To Mineralogy and Petrology</i> , 1998, 130, 225-239.	3.1	72
23	Geochemistry and Petrogenesis of Nepheline Syenites: Kasungu-Chipala, Ilomba, and Ulindi Nepheline Syenite Intrusions, North Nyasa Alkaline Province, Malawi. <i>Journal of Petrology</i> , 1998, 39, 1405-1424.	2.8	83
24	Geochronology and geochemistry of a Mesozoic magmatic arc system, Fiordland, New Zealand. <i>Journal of the Geological Society</i> , 1998, 155, 1037-1053.	2.1	159
25	SHRIMP Uâ€Pb geochronology of Cretaceous magmatism in northwest Nelsonâ€Westland, South Island, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1997, 40, 453-463.	1.8	73
26	Geology, geochronology, and geochemistry of the White Mountain batholith, New Hampshire. <i>Special Paper of the Geological Society of America</i> , 1992, , 379-398.	0.5	31
27	Geology and geochronology of carbonatites and associated alkaline rocks peripheral to the ParanÃ; Basin, Brazil-Paraguay. <i>Journal of South American Earth Sciences</i> , 1992, 6, 207-216.	1.4	18
28	Chemical subdivision of the A-type granitoids: Petrogenetic and tectonic implications. <i>Geology</i> , 1992, 20, 641.	4.4	2,054
29	The A-type granitoids: A review of their occurrence and chemical characteristics and speculations on their petrogenesis. <i>Lithos</i> , 1990, 26, 115-134.	1.4	1,279
30	The Montereian Hills and White Mountain alkaline igneous provinces, eastern North America. <i>Geological Society Special Publication</i> , 1987, 30, 433-447.	1.3	32
31	The petrology of the Mont Saint Hilaire complex, southern Quebec: An alkaline gabbro-peralkaline syenite association. <i>Lithos</i> , 1986, 19, 65-81.	1.4	50
32	Montereian Hills II. Petrography, Major and Trace Element Geochemistry, and Strontium Isotopic Chemistry of the Eastern Intrusions: Mounts Shefford, Brome, and Megantic. <i>Journal of Petrology</i> , 1985, 26, 418-448.	2.8	51
33	Sr and Pb isotopes, U and Th chemistry of the alkaline Montereian and White Mountain igneous provinces, eastern North America. <i>Geochimica Et Cosmochimica Acta</i> , 1985, 49, 1143-1153.	3.9	31
34	Age relations, chemistry, and petrogenesis of mafic alkaline dikes from the Montereian Hills and younger White Mountain igneous provinces. <i>Canadian Journal of Earth Sciences</i> , 1985, 22, 1103-1111.	1.3	36
35	Geochronology of the Montereian Hills alkaline igneous province, Quebec. <i>Geology</i> , 1984, 12, 468.	4.4	56
36	Montereian Hills I. Petrography, Major and Trace Element Geochemistry, and Strontium Isotopic Chemistry of The Western Intrusions: Mounts Royal, St. Bruno, and Johnson. <i>Journal of Petrology</i> , 1984, 25, 421-452.	2.8	42

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37	Minor and trace element partitioning between immiscible ocelli-matrix pairs from lamprophyre dikes and sills, Monteregian Hills petrographic province, Quebec. Contributions To Mineralogy and Petrology, 1981, 75, 269-278.	3.1	34
38	Mount Johnson, Quebec – An example of silicate-liquid immiscibility?. Geology, 1979, 7, 491.	4.4	23
39	Abundance and distribution of the rare-earth elements and yttrium in the rocks and minerals of the Oka carbonatite complex, Quebec. Geochimica Et Cosmochimica Acta, 1975, 39, 597-620.	3.9	121