John Valley

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8870874/publications.pdf

Version: 2024-02-01

		5126	7043
387	31,118	86	159
papers	citations	h-index	g-index

395	395	395	13876
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protracted hydrothermal alteration recorded at the microscale in the Chenaillet ophicarbonates (Western Alps): Insights from in situ Î´18O thermometry in serpentine, carbonate and magnetite. Geochimica Et Cosmochimica Acta, 2022, 318, 144-164.	1.6	3
2	Zircon petrochronology of Cretaceous Cordilleran interior granites of the Snake Range and Kern Mountains, Nevada, USA. , 2022, , .		5
3	Bulk and grain-scale minor sulfur isotope data reveal complexities in the dynamics of Earthâ€™s oxygenation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2025606119.	3.3	17
4	Destabilization of Longâ€Lived Hadean Protocrust and the Onset of Pervasive Hydrous Melting at 3.8ÂGa. AGU Advances, 2022, 3, .	2.3	17
5	Garnet secondary ion mass spectrometry oxygen isotopes reveal crucial roles of pulsed magmatic fluid and its mixing with meteoric water in lode gold genesis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116380119.	3.3	6
6	An authigenic response to Ediacaran surface oxidation: Remarkable micron-scale isotopic heterogeneity revealed by SIMS. Precambrian Research, 2022, 377, 106676.	1.2	8
7	SIMS matrix effects in oxygen isotope analysis of olivine and pyroxene: Application to Acfer 094 chondrite chondrules and reconsideration of the primitive chondrule minerals (PCM) line. Chemical Geology, 2022, 608, 121016.	1.4	8
8	Massive Fluid Influx beneath the Colorado Plateau (USA) Related to Slab Removal and Diatreme Emplacement: Evidence from Oxygen Isotope Zoning in Eclogite Xenoliths. Journal of Petrology, 2021, 61, .	1.1	3
9	Tourmaline Reference Materials for the In Situ Analysis of Oxygen and Lithium Isotope Ratio Compositions. Geostandards and Geoanalytical Research, 2021, 45, 97-119.	1.7	10
10	In Situ Oxygen Isotope Determination in Serpentine Minerals by SIMS: Addressing Matrix Effects and Providing New Insights on Serpentinisation at Hole BA1B (Samail ophiolite, Oman). Geostandards and Geoanalytical Research, 2021, 45, 161-187.	1.7	12
11	Open-system Evolution of a Crustal-scale Magma Column, Klamath Mountains, California. Journal of Petrology, 2021, 62, .	1.1	4
12	Oxygen isotope evidence for input of magmatic fluids and precipitation of Au-Ag-tellurides in an otherwise ordinary adularia-sericite epithermal system in NE China. American Mineralogist, 2021, 106, 2003-2019.	0.9	8
13	Oxygen diffusion in garnet: experimental calibration and implications for timescales of metamorphic processes and retention of primary O isotopic signatures. American Mineralogist, 2021, , .	0.9	0
14	Stable and transient isotopic trends in the crustal evolution of Zealandia Cordillera. American Mineralogist, 2021, 106, 1369-1387.	0.9	11
15	Deposition or diagenesis? Probing the Ediacaran Shuram excursion in South China by SIMS. Global and Planetary Change, 2021, 206, 103591.	1.6	23
16	Zircon U-Pb and geochemical signatures in high-pressure, low-temperature metamorphic rocks as recorders of subduction zone processes, Sikinos and Ios islands, Greece. Chemical Geology, 2021, 582, 120447.	1.4	15
17	Coupling mineralogy and oxygen isotopes to seasonal environmental shifts recorded in modern freshwater pearl nacre from Kentucky Lake. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009995.	1.0	3
18	Regionally Correlated Oxygen and Carbon Isotope Zonation in Diagenetic Carbonates of the Bakken Formation. Chemical Geology, 2020, 531, 119327.	1.4	16

#	Article	IF	Citations
19	Constraining the magnitude of the carbon isotope excursion during the Paleocene-Eocene thermal maximum using larger benthic foraminifera. Global and Planetary Change, 2020, 184, 103049.	1.6	14
20	Calibration of oxygen isotope fractionation and calciteâ€corundum thermometry in emery at Naxos, Greece. Journal of Metamorphic Geology, 2020, 38, 53-70.	1.6	6
21	A history of pore water oxygen isotope evolution in the Cretaceous Travis Peak Formation in East Texas. Bulletin of the Geological Society of America, 2020, 132, 1626-1638.	1.6	4
22	SIMS oxygen isotopes indicate Phanerozoic fluids permeated a Precambrian gold deposit. Chemical Geology, 2020, 533, 119429.	1.4	5
23	Vertical effective stress and temperature as controls of quartz cementation in sandstones: Evidence from North Sea Fulmar and Gulf of Mexico Wilcox sandstones. Marine and Petroleum Geology, 2020, 115, 104289.	1.5	8
24	High Spatial-resolution Assessment of Diagenesis and Primary Isotopic Variability in Maastrichtian Molluscan Carbonates from Antarctica. Microscopy and Microanalysis, 2020, 26, 300-301.	0.2	1
25	Application of SIMS and APT to Understand Scale Dependent U-Pb Isotope Behavior in Zircon. Microscopy and Microanalysis, 2020, 26, 2994-2995.	0.2	0
26	The Origin of Plagiogranites: Coupled SIMS O Isotope Ratios, Uâ€“Pb Dating and Trace Element Composition of Zircon from the Troodos Ophiolite, Cyprus. Journal of Petrology, 2020, 61, .	1.1	16
27	Large isotopic variability at the micron-scale in â€˜Shuramâ€™ excursion carbonates from South Australia. Earth and Planetary Science Letters, 2020, 538, 116211.	1.8	27
28	Using SIMS to decode noisy stratigraphic Î´13C variations in Ediacaran carbonates. Precambrian Research, 2020, 343, 105686.	1.2	13
29	Enhanced Poleward Flux of Atmospheric Moisture to the Weddell Sea Region (ODP Site 690) During the Paleoceneâ€Eocene Thermal Maximum. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003811.	1.3	4
30	A Nanoscale Record of Impact-Induced Pb Mobility in Lunar Zircon. Microscopy and Microanalysis, 2019, 25, 2448-2449.	0.2	8
31	Andradite skarn garnet records of exceptionally low Î´18O values within an Early Cretaceous hydrothermal system, Sierra Nevada, CA. Contributions To Mineralogy and Petrology, 2019, 174, 1.	1.2	12
32	Extreme oxygen isotope zoning in garnet and zircon from a metachert block in mÃ©lange reveals metasomatism at the peak of subduction metamorphism. Geology, 2019, 47, 655-658.	2.0	18
33	Instrumental investigation of oxygen isotopes in human dental enamel from the Bronze Age battlefield site at Tollense, Germany. Journal of Archaeological Science, 2019, 105, 70-80.	1.2	6
34	Oxygen isotopic investigation of silicic magmatism in the Stillwater caldera complex, Nevada: Generation of large-volume, low-Î´18O rhyolitic tuffs and assessment of their regional context in the Great Basin of the western United States. Bulletin of the Geological Society of America, 2019, 131, 1133-1156.	1.6	10
35	Extreme 13C-depletions and organic sulfur content argue for S-fueled anaerobic methane oxidation in 2.72â€Ga old stromatolites. Geochimica Et Cosmochimica Acta, 2019, 244, 522-547.	1.6	22
36	The Oldest Terrestrial Mineral Record. , 2019, , 255-278.		8

#	Article	IF	Citations
37	Simultaneous In Situ Analysis of Carbon and Nitrogen Isotope Ratios in Organic Matter by Secondary Ion Mass Spectrometry. Geostandards and Geoanalytical Research, 2018, 42, 189-203.	1.7	11
38	Comparison of Î´18O analyses on individual planktic foraminifer (Orbulina universa) shells by SIMS and gas-source mass spectrometry. Chemical Geology, 2018, 483, 119-130.	1.4	29
39	Melt Origin across a Rifted Continental Margin: a Case for Subduction-related Metasomatic Agents in the Lithospheric Source of Alkaline Basalt, NW Ross Sea, Antarctica. Journal of Petrology, 2018, 59, 517-558.	1.1	57
40	Low-Î´18O mantle-derived magma in Panjal Traps overprinted by hydrothermal alteration and Himalayan UHP metamorphism: Revealed by SIMS zircon analysis. Gondwana Research, 2018, 56, 12-22.	3.0	12
41	SIMS analyses of the oldest known assemblage of microfossils document their taxon-correlated carbon isotope compositions. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 53-58.	3.3	131
42	Diagenetic Attenuation of Carbon Isotope Excursion Recorded by Planktic Foraminifers During the Paleoceneâ€Eocene Thermal Maximum. Paleoceanography and Paleoclimatology, 2018, 33, 367-380.	1.3	16
43	Temperature and depth distribution of Japanese eel eggs estimated using otolith oxygen stable isotopes. Geochimica Et Cosmochimica Acta, 2018, 236, 373-383.	1.6	28
44	A 200-year archaeozoological record of Pacific cod (Gadus macrocephalus) life history as revealed through ion microprobe oxygen isotope ratios in otoliths. Journal of Archaeological Science: Reports, 2018, 21, 1236-1246.	0.2	13
45	SIMS Bias on Isotope Ratios in Caâ€Mgâ€Fe Carbonates (Part III): Î´¹⁸O and Î´¹³C Matrix Effects Along the Magnesiteâ€“Siderite Solidâ€Solution Series. Geostandards and Geoanalytical Research, 2018, 42, 49-76.	1.7	16
46	Atomic worlds: Current state and future of atom probe tomography in geoscience. Scripta Materialia, 2018, 148, 115-121.	2.6	39
47	Questioning the biogenicity of Neoproterozoic superheavy pyrite by SIMS. American Mineralogist, 2018, 103, 1362-1400.	0.9	67
48	Rapid formation of porphyry copper deposits evidenced by diffusion of oxygen and titanium in quartz. Geology, 2018, 46, 611-614.	2.0	32
49	Oxygen Isotope Microanalysis By Secondary Ion Mass Spectrometry Suggests Continuous 300-million-year History of Calcite Cementation and Dolomitization in the Devonian Bakken Formation. Journal of Sedimentary Research, 2018, 88, 91-104.	0.8	12
50	Zircon Xenocrysts from Cenozoic Alkaline Basalts of the Ratanakiri Volcanic Province (Cambodia), Southeast Asiaâ€”Trace Element Geochemistry, O-Hf Isotopic Composition, U-Pb and (U-Th)/He Geochronologyâ€”Revelations into the Underlying Lithospheric Mantle. Minerals (Basel, Switzerland), 2018, 8, 556.	0.8	14
51	Combined Effects of Gametogenic Calcification and Dissolution on Î´ 18 O Measurements of the Planktic Foraminifer Trilobatus sacculifer. Geochemistry, Geophysics, Geosystems, 2018, 19, 4487-4501.	1.0	12
52	<scp>GZ</scp>7 and <scp>GZ</scp>8 â€“ Two Zircon Reference Materials for <scp>SIMS</scp> Uâ€Pb Geochronology. Geostandards and Geoanalytical Research, 2018, 42, 431-457.	1.7	32
53	Vertical effective stress as a control on quartz cementation in sandstones. Marine and Petroleum Geology, 2018, 98, 640-652.	1.5	20
54	Ion microprobeâ€“measured stable isotope evidence for ammonite habitat and life mode during early ontogeny. Paleobiology, 2018, 44, 684-708.	1.3	21

#	Article	IF	Citations
55	Searching for the Great Oxidation Event in North America: A Reappraisal of the Huronian Supergroup by SIMS Sulfur Four-Isotope Analysis. Astrobiology, 2018, 18, 519-538.	1.5	14
56	Evaluation of micromilling/conventional isotope ratio mass spectrometry and secondary ion mass spectrometry of Î´¹⁸O values in fish otoliths for sclerochronology. Rapid Communications in Mass Spectrometry, 2018, 32, 1781-1790.	0.7	28
57	In situ Î´13C and Î´18O microanalysis by SIMS: A method for characterizing the carbonate components of natural and engineered CO2-reservoirs. International Journal of Greenhouse Gas Control, 2017, 57, 116-133.	2.3	15
58	An evaluation of paired Î´18O and (234U/238U)0 in opal as a tool for paleoclimate reconstruction in semi-arid environments. Chemical Geology, 2017, 449, 236-252.	1.4	12
59	Oxygen isotope systematics in an evolving geothermal system: Coso Hot Springs, California. Journal of Volcanology and Geothermal Research, 2017, 329, 54-68.	0.8	3
60	A Study of the Microbial Spatial Heterogeneity of Bahamian Thrombolites Using Molecular, Biochemical, and Stable Isotope Analyses. Astrobiology, 2017, 17, 413-430.	1.5	37
61	Oxygen and U-Th isotopes and the timescales of hydrothermal exchange and melting in granitoid wall rocks at Mount Mazama, Crater Lake, Oregon. Geochimica Et Cosmochimica Acta, 2017, 213, 137-154.	1.6	6
62	Reconstructing larval growth and habitat use in an amphidromous goby using otolith increments and microchemistry. Journal of Fish Biology, 2017, 90, 1338-1355.	0.7	13
63	Isotopically zoned carbonate cements in Early Paleozoic sandstones of the Illinois Basin: Î´18O and Î´13C records of burial and fluid flow. Sedimentary Geology, 2017, 361, 93-110.	1.0	25
64	Intermineral oxygen threeâ€isotope systematics of silicate minerals in equilibrated ordinary chondrites. Meteoritics and Planetary Science, 2017, 52, 2322-2342.	0.7	7
65	An anaerobic â¼3400 Ma shallow-water microbial consortium: Presumptive evidence of Earthâ€™s Paleoarchean anoxic atmosphere. Precambrian Research, 2017, 299, 309-318.	1.2	28
66	Slab-Triggered Arc Flare-up in the Cretaceous Median Batholith and the Growth of Lower Arc Crust, Fiordland, New Zealand. Journal of Petrology, 2017, 58, 1145-1171.	1.1	30
67	Thermal and chemical evolution in the early Solar System as recorded by FUN CAIs: Part II â€“ Laboratory evaporation of potential CMS-1 precursor material. Geochimica Et Cosmochimica Acta, 2017, 201, 49-64.	1.6	24
68	Oxygen isotope thermometry using quartz inclusions in garnet. Journal of Metamorphic Geology, 2017, 35, 231-252.	1.6	9
69	Zircon M127 â€“ A Homogeneous Reference Material for <scp>SIMS</scp> Uâ€“Pb Geochronology Combined with Hafnium, Oxygen and, Potentially, Lithium Isotope Analysis. Geostandards and Geoanalytical Research, 2016, 40, 457-475.	1.7	49
70	Microanalysis of carbonate cement Î´18O in a CO2-storage system seal: Insights into the diagenetic history of the Eau Claire Formation (Upper Cambrian), Illinois Basin. AAPG Bulletin, 2016, 100, 1003-1031.	0.7	17
71	Petrological, Geochemical and Srâ€“Ndâ€“O Isotopic Constraints on the Origin of Garnet and Spinel Pyroxenites from the Moldanubian Zone of the Bohemian Massif. Journal of Petrology, 2016, 57, 897-920.	1.1	30
72	Relict soil evidence for profound quaternary aridification of the Atacama Desert, Chile. Geoderma, 2016, 267, 196-206.	2.3	13

#	Article	IF	Citations
73	Temporal and compositional evolution of Jorullo volcano, Mexico: Implications for magmatic processes associated with a monogenetic eruption. Chemical Geology, 2016, 434, 62-80.	1.4	28
74	Inherited igneous zircons in jadeitite predate high-pressure metamorphism and jadeitite formation in the Jagua Clara serpentinite mÃ©lange of the Rio San Juan Complex (Dominican Republic). Contributions To Mineralogy and Petrology, 2016, 171, 1.	1.2	17
75	Accurate determination of ferric iron in garnets. American Mineralogist, 2016, 101, 1704-1707.	0.9	13
76	Meteoric fluid infiltration in crustal-scale normal fault systems as indicated by Î´¹⁸O and Î´²H geochemistry and⁴⁰Ar/³⁹Ar dating of neoformed clays in brittle fault rocks. Lithosphere, 2016, 8, 587-600.	0.6	25
77	Secondary Ion Mass Spectrometry Bias on Isotope Ratios in Dolomiteâ€“Ankerite, Part I: Î´¹⁸O Matrix Effects. Geostandards and Geoanalytical Research, 2016, 40, 157-172.	1.7	56
78	Secondary Ion Mass Spectrometry Bias on Isotope Ratios in Dolomiteâ€“Ankerite, Part <scp>II</scp>: Î´¹³C Matrix Effects. Geostandards and Geoanalytical Research, 2016, 40, 173-184.	1.7	36
79	Oxygen isotope evolution of the Lake Owyhee volcanic field, Oregon, and implications for the low-Î´18O magmatism of the Snake River Plainâ€“Yellowstone hotspot and other low-Î´18O large igneous provinces. Contributions To Mineralogy and Petrology, 2016, 171, 1.	1.2	22
80	Carbon and sulfur isotopic signatures of ancient life and environment at the microbial scale: Neoarchean shales and carbonates. Geobiology, 2016, 14, 105-128.	1.1	52
81	Pedothem carbonates reveal anomalous North American atmospheric circulation 70,000â€“55,000 years ago. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 919-924.	3.3	27
82	Experimental calibration of silicon and oxygen isotope fractionations between quartz and water at 250 Â°C by in situ microanalysis of experimental products and application to zoned low Î´30Si quartz overgrowths. Chemical Geology, 2016, 421, 127-142.	1.4	35
83	Compositional evolution of the upper continental crust through time, as constrained by ancient glacial diamictites. Geochimica Et Cosmochimica Acta, 2016, 186, 316-343.	1.6	98
84	Microstructure-specific carbon isotopic signatures of organic matter from â¼3.5 Ga cherts of the Pilbara Craton support a biologic origin. Precambrian Research, 2016, 275, 429-449.	1.2	39
85	Oxygen Isotope Variability within Nautilus Shell Growth Bands. PLoS ONE, 2016, 11, e0153890.	1.1	38
86	Strain and permeability gradients traced by stable isotope exchange inÂthe Raft River detachment shear zone, Utah. Journal of Structural Geology, 2015, 71, 41-57.	1.0	16
87	UV-light microscope: improvements in optical imaging for a secondary ion mass spectrometer. Journal of Analytical Atomic Spectrometry, 2015, 30, 1207-1213.	1.6	7
88	Combined oxygen-isotope and U-Pb zoning studies of titanite: New criteria for age preservation. Chemical Geology, 2015, 398, 70-84.	1.4	62
89	Sulfur-cycling fossil bacteria from the 1.8-Ga Duck Creek Formation provide promising evidence of evolution's null hypothesis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2087-2092.	3.3	51
90	Nano- and micro-geochronology in Hadean and Archean zircons by atom-probe tomography and SIMS: New tools for old minerals. American Mineralogist, 2015, 100, 1355-1377.	0.9	109

#	Article	IF	Citations
91	Reply to DvoÅ™Ã¡k et al.: Apparent evolutionary stasis of ancient subseafloor sulfur cycling biocoenoses. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2560-E2560.	3.3	0
92	Low temperature, non-stoichiometric oxygen-isotope exchange coupled to Fe(II)â€“goethite interactions. Geochimica Et Cosmochimica Acta, 2015, 160, 38-54.	1.6	27
93	Direct measurements of deglacial monsoon strength in a Chinese stalagmite. Geology, 2015, 43, 555-558.	2.0	56
94	Unraveling crustal growth and reworking processes in complex zircons from orogenic lower-crust: The Proterozoic Putumayo Orogen of Amazonia. Precambrian Research, 2015, 267, 285-310.	1.2	66
95	Influence of radiation damage on Late Jurassic zircon from southern China: Evidence from in situ measurements of oxygen isotopes, laser Raman, Uâ€“Pb ages, and trace elements. Chemical Geology, 2014, 389, 122-136.	1.4	94
96	Ion microprobe survey of the grain-scale oxygen isotope geochemistry of minerals in metamorphic rocks. Geochimica Et Cosmochimica Acta, 2014, 144, 403-433.	1.6	25
97	Time scales and processes of Cordilleran batholith construction and high-Sr/Y magmatic pulses: Evidence from the Bald Mountain batholith, northeastern Oregon. , 2014, 10, 1456-1481.		23
98	SIMS measurements of intrashell Î´13C in the cultured planktic foraminifer Orbulina universa. Geochimica Et Cosmochimica Acta, 2014, 139, 527-539.	1.6	17
99	Komsomolskaya diamondiferous eclogites: evidence for oceanic crustal protoliths. Contributions To Mineralogy and Petrology, 2014, 167, 1.	1.2	35
100	Correlated Î´18O and [Ti] in lunar zircons: a terrestrial perspective for magma temperatures and water content on the Moon. Contributions To Mineralogy and Petrology, 2014, 167, 1.	1.2	22
101	Hadean age for a post-magma-ocean zircon confirmed by atom-probe tomography. Nature Geoscience, 2014, 7, 219-223.	5.4	451
102	Intragrain oxygen isotope zoning in titanite by <scp>SIMS</scp>: Cooling rates and fluid infiltration along the Carthageâ€Colton Mylonite Zone, Adirondack Mountains, <scp>NY</scp>,<scp> USA</scp>. Journal of Metamorphic Geology, 2014, 32, 71-92.	1.6	28
103	Stable isotope time-series in mammalian teeth: In situ Î´18O from the innermost enamel layer. Geochimica Et Cosmochimica Acta, 2014, 124, 223-236.	1.6	61
104	Lying in wait: deep and shallow evolution of dacite beneath VolcÃ¡n de Santa MarÃa, Guatemala. Geological Society Special Publication, 2014, 385, 209-234.	0.8	11
105	A Garnetâ€“Zircon Oxygen Isotope Record of Subduction and Exhumation Fluids from the Franciscan Complex, California. Journal of Petrology, 2014, 55, 103-131.	1.1	44
106	Evolution of quartz cementation and burial history of the Eau Claire Formation based on in situ oxygen isotope analysis of quartz overgrowths. Chemical Geology, 2014, 384, 168-180.	1.4	54
107	Development of in situ sulfur four-isotope analysis with multiple Faraday cup detectors by SIMS and application to pyrite grains in a Paleoproterozoic glaciogenic sandstone. Chemical Geology, 2014, 383, 86-99.	1.4	64
108	Seasonal climate signals (1990â€“2008) in a modern Soreq Cave stalagmite as revealed by high-resolution geochemical analysis. Chemical Geology, 2014, 363, 322-333.	1.4	75

#	Article	IF	Citations
109	Geological Applications of Atom Probe Tomography: New Information from Old Rocks. Microscopy and Microanalysis, 2014, 20, 1678-1679.	0.2	0
110	New sample holder geometry for high precision isotope analyses. Surface and Interface Analysis, 2013, 45, 553-556.	0.8	33
111	Oxygen isotope zoning in garnets from Franciscan eclogite blocks: evidence for rockâ€"buffered fluid interaction in the mantle wedge. Contributions To Mineralogy and Petrology, 2013, 166, 1161-1176.	1.2	31
112	Perspectives on the origin of plagiogranite in ophiolites from oxygen isotopes in zircon. Lithos, 2013, 179, 48-66.	0.6	107
113	Preservation and detection of microstructural and taxonomic correlations in the carbon isotopic compositions of individual Precambrian microfossils. Geochimica Et Cosmochimica Acta, 2013, 104, 165-182.	1.6	72
114	Contrasting behavior of oxygen and iron isotopes in banded iron formations revealed by in situ isotopic analysis. Earth and Planetary Science Letters, 2013, 384, 132-143.	1.8	53
115	Quartz Cementation History of Sandstones Revealed By High-Resolution Sims Oxygen Isotope Analysis. Journal of Sedimentary Research, 2013, 83, 522-530.	0.8	45
116	Synextensional magmatism leading to crustal flow in the Albionâ€"Raft Riverâ€"Grouse Creek metamorphic core complex, northeastern Basin and Range. Tectonics, 2013, 32, 1384-1403.	1.3	26
117	Micron-scale intrashell oxygen isotope variation in cultured planktic foraminifers. Geochimica Et Cosmochimica Acta, 2013, 107, 267-278.	1.6	36
118	Eclogite-facies fluid infiltration: constraints from Î´18O zoning in garnet. Contributions To Mineralogy and Petrology, 2013, 165, 103-116.	1.2	36
119	Texture-specific isotopic compositions in 3.4Gyr old organic matter support selective preservation in cell-like structures. Geochimica Et Cosmochimica Acta, 2013, 112, 66-86.	1.6	87
120	Experimental evaporation of Mg- and Si-rich melts: Implications for the origin and evolution of FUN CAIs. Geochimica Et Cosmochimica Acta, 2013, 123, 368-384.	1.6	39
121	Oxygen three-isotope ratios of silicate particles returned from asteroid Itokawa by the Hayabusa spacecraft: A strong link with equilibrated LL chondrites. Earth and Planetary Science Letters, 2013, 379, 127-136.	1.8	36
122	Anticorrelation between low Î´13C of eclogitic diamonds and high Î´18O of their coesite and garnet inclusions requires a subduction origin. Geology, 2013, 41, 455-458.	2.0	41
123	Proterozoic evolution of the Mojave crustal province as preserved in the Ivanpah Mountains, southeastern California. Precambrian Research, 2013, 224, 222-241.	1.2	26
124	Geochemistry and geochronology of the Jim Sage volcanic suite, southern Idaho: Implications for Snake River Plain magmatism and its role in the history of Basin and Range extension. , 2013, 9, 1681-1703.		13
125	Garnet pyroxenite in the Biskupice peridotite, Bohemian Massif: anatomy of a Variscan high-pressure cumulate. Journal of Geosciences (Czech Republic), 2013, , 3-19.	0.3	16
126	Fall, classification, and exposure history of the Mifflin L5 chondrite. Meteoritics and Planetary Science, 2013, 48, 641-655.	0.7	5

#	Article	IF	Citations
127	Otolith oxygen isotopes measured by highâ€precision secondary ion mass spectrometry reflect life history of a yellowfin sole (Limanda aspera). Rapid Communications in Mass Spectrometry, 2013, 27, 691-699.	0.7	36
128	In situ Î´¹⁸O and Mg/Ca analyses of diagenetic and planktic foraminiferal calcite preserved in a deepâ€sea record of the Paleoceneâ€Eocene thermal maximum. Paleoceanography, 2013, 28, 517-528.	3.0	90
129	Of Travertine and Time: Otolith Chemistry and Microstructure Detect Provenance and Demography of Endangered Humpback Chub in Grand Canyon, USA. PLoS ONE, 2013, 8, e84235.	1.1	28
130	A detailed record of shallow hydrothermal fluid flow in the Sierra Nevada magmatic arc from low-Î´18O skarn garnets. Geology, 2012, 40, 763-766.	2.0	51
131	Relative retention of trace element and oxygen isotope ratios in zircon from Archean rhyolite, Panorama Formation, North Pole Dome, Pilbara Craton, Western Australia. Chemical Geology, 2012, 332-333, 102-115.	1.4	11
132	Seasonal resolution of Eastern Mediterranean climate change since 34ka from a Soreq Cave speleothem. Geochimica Et Cosmochimica Acta, 2012, 89, 240-255.	1.6	91
133	Primordial oxygen isotope reservoirs of the solar nebula recorded in chondrules in Acfer 094 carbonaceous chondrite. Geochimica Et Cosmochimica Acta, 2012, 90, 242-264.	1.6	173
134	Ion microprobe analyses of Î´18O in early quartz cements from 1.9Ga granular iron formations (GIFs): A pilot study. Precambrian Research, 2012, 214-215, 258-268.	1.2	6
135	Silician magnetite from the Dales Gorge Member of the Brockman Iron Formation, Hamersley Group, Western Australia. American Mineralogist, 2012, 97, 26-37.	0.9	64
136	Mollusk Shell Nacre Ultrastructure Correlates with Environmental Temperature and Pressure. Journal of the American Chemical Society, 2012, 134, 7351-7358.	6.6	89
137	Dynamic growth of garnet in granitic magmas. Geology, 2012, 40, 171-174.	2.0	40
138	Li isotopes and trace elements as a petrogenetic tracer in zircon: insights from Archean TTGs and sanukitoids. Contributions To Mineralogy and Petrology, 2012, 163, 745-768.	1.2	78
139	High-resolution P-T-t paths from Î´18O zoning in titanite: A snapshot of late-orogenic collapse in the Grenville of New York. Geology, 2011, 39, 959-962.	2.0	29
140	Planktonic foraminiferal oxygen isotope analysis by ion microprobe technique suggests warm tropical sea surface temperatures during the Early Paleogene. Paleoceanography, 2011, 26, .	3.0	70
141	Constraining atmospheric oxygen and seawater sulfate concentrations during Paleoproterozoic glaciation: In situ sulfur three-isotope microanalysis of pyrite from the Turee Creek Group, Western Australia. Geochimica Et Cosmochimica Acta, 2011, 75, 5686-5705.	1.6	89
142	SIMS analyses of silicon and oxygen isotope ratios for quartz from Archean and Paleoproterozoic banded iron formations. Geochimica Et Cosmochimica Acta, 2011, 75, 5879-5891.	1.6	89
143	Determining the impactor of the Ordovician Lockne crater: Oxygen and neon isotopes in chromite versus sedimentary PGE signatures. Earth and Planetary Science Letters, 2011, 306, 149-155.	1.8	27
144	TRACING GARNET ORIGINS IN GRANITOID ROCKS BY OXYGEN ISOTOPE ANALYSIS: EXAMPLES FROM THE SOUTH MOUNTAIN BATHOLITH, NOVA SCOTIA. Canadian Mineralogist, 2011, 49, 417-439.	0.3	29

#	Article	IF	Citations
145	Ion microprobe analyses of oxygen threeâ€isotope ratios of chondrules from the Sayh al Uhaymir 290 CH chondrite using a multipleâ€hole disk. Meteoritics and Planetary Science, 2011, 46, 857-874.	0.7	25
146	Evolution of quartz cementation during burial of the Cambrian Mount Simon Sandstone, Illinois Basin: In situ microanalysis of Î´18O. Geology, 2011, 39, 1119-1122.	2.0	34
147	Zircon U-Pb isotope, Â18O and trace element response to 80 m.y. of high temperature metamorphism in the lower crust: Sluggish diffusion and new records of Archean craton formation. Numerische Mathematik, 2011, 311, 719-772.	0.7	58
148	Uniformly mantle-like Î´18O in zircons from oceanic plagiogranites and gabbros. Contributions To Mineralogy and Petrology, 2011, 161, 13-33.	1.2	116
149	The origin of high Î´18O zircons: marbles, megacrysts, and metamorphism. Contributions To Mineralogy and Petrology, 2011, 162, 961-974.	1.2	48
150	Oxygen isotope variations of garnets and clinopyroxenes in a layered diamondiferous calcsilicate rock from Kokchetav Massif, Kazakhstan: a window into the geochemical nature of deeply subducted UHPM rocks. Contributions To Mineralogy and Petrology, 2011, 162, 1079-1092.	1.2	32
151	Highâ€precision SIMS oxygen, sulfur and iron stable isotope analyses of geological materials: accuracy, surface topography and crystal orientation. Surface and Interface Analysis, 2011, 43, 427-431.	0.8	74
152	Needs and opportunities in mineral evolution research. American Mineralogist, 2011, 96, 953-963.	0.9	61
153	Formation of Forsterite by Silicification of Dolomite during Contact Metamorphism. Journal of Petrology, 2011, 52, 1619-1640.	1.1	36
154	Syn-extensional plutonism and peak metamorphism in the Albion-Raft River-Grouse Creek metamorphic core complex. Numerische Mathematik, 2011, 311, 261-314.	0.7	22
155	OXYGEN ISOTOPES IN THE GRENVILLE AND NAIN AMCG SUITES: REGIONAL ASPECTS OF THE CRUSTAL COMPONENT IN MASSIF ANORTHOSITES. Canadian Mineralogist, 2010, 48, 763-786.	0.3	25
156	Multiple origins of zircons in jadeitite. Contributions To Mineralogy and Petrology, 2010, 159, 769-780.	1.2	60
157	The Northwest Africa 1500 meteorite: Not a ureilite, maybe a brachinite. Meteoritics and Planetary Science, 2010, 45, 1906-1928.	0.7	29
158	A single asteroidal source for extraterrestrial Ordovician chromite grains from Sweden and China: High-precision oxygen three-isotope SIMS analysis. Geochimica Et Cosmochimica Acta, 2010, 74, 497-509.	1.6	79
159	Oxygen and iron isotope constraints on near-surface fractionation effects and the composition of lunar mare basalt source regions. Geochimica Et Cosmochimica Acta, 2010, 74, 6249-6262.	1.6	62
160	High precision SIMS oxygen three isotope study of chondrules in LL3 chondrites: Role of ambient gas during chondrule formation. Geochimica Et Cosmochimica Acta, 2010, 74, 6610-6635.	1.6	162
161	Assessment of grain-scale homogeneity and equilibration of carbon and oxygen isotope compositions of minerals in carbonate-bearing metamorphic rocks by ion microprobe. Geochimica Et Cosmochimica Acta, 2010, 74, 6517-6540.	1.6	30
162	Fe, C, and O isotope compositions of banded iron formation carbonates demonstrate a major role for dissimilatory iron reduction in ~2.5Ga marine environments. Earth and Planetary Science Letters, 2010, 294, 8-18.	1.8	220

#	Article	IF	Citations
163	Ion microprobe analysis of oxygen isotopes in garnets of complex chemistry. Chemical Geology, 2010, 270, 9-19.	1.4	93
164	In situ sulfur isotope analysis of sulfide minerals by SIMS: Precision and accuracy, with application to thermometry of â^¼3.5Ga Pilbara cherts. Chemical Geology, 2010, 275, 243-253.	1.4	78
165	Crystal orientation effects in Î´18O for magnetite and hematite by SIMS. Chemical Geology, 2010, 276, 269-283.	1.4	70
166	Crustal evolution and recycling in a juvenile continent: Oxygen isotope ratio of zircon in the northern Arabian Nubian Shield. Lithos, 2009, 107, 169-184.	0.6	111
167	Metasomatic origin of diamonds in the world's largest diamondiferous eclogite. Lithos, 2009, 112, 1014-1024.	0.6	45
168	Climate deterioration in the Eastern Mediterranean as revealed by ion microprobe analysis of a speleothem that grew from 2.2 to 0.9Âka in Soreq Cave, Israel. Quaternary Research, 2009, 71, 27-35.	1.0	149
169	Mechanisms of oxygen isotopic exchange and isotopic evolution of 18O/16O-depleted periclase zone marbles in the Alta aureole, Utah: insights from ion microprobe analysis of calcite. Contributions To Mineralogy and Petrology, 2009, 157, 77-93.	1.2	37
170	Isotopic and trace element constraints on the petrogenesis of lavas from the Mount Adams volcanic field, Washington. Contributions To Mineralogy and Petrology, 2009, 157, 189-207.	1.2	48
171	Sub-micron scale distributions of trace elements in zircon. Contributions To Mineralogy and Petrology, 2009, 158, 317-335.	1.2	79
172	A novel symbiosis between chemoautotrophic bacteria and a freshwater cave amphipod. ISME Journal, 2009, 3, 935-943.	4.4	111
173	Genesis of metapelitic migmatites in the Adirondack Mountains, New York. Journal of Metamorphic Geology, 2009, 27, 41-54.	1.6	27
174	Fault-related oceanic serpentinization in the Troodos ophiolite, Cyprus: Implications for a fossil oceanic core complex. Earth and Planetary Science Letters, 2009, 282, 34-46.	1.8	20
175	Intratest oxygen isotope variability in the planktonic foraminifer N. pachyderma: Real vs. apparent vital effects by ion microprobe. Chemical Geology, 2009, 258, 327-337.	1.4	138
176	Distinguishing magmatic zircon from hydrothermal zircon: A case study from the Gidginbung high-sulphidation Auâ€“Agâ€“(Cu) deposit, SE Australia. Chemical Geology, 2009, 259, 131-142.	1.4	146
177	Combined Uâ€“Pb, hafnium and oxygen isotope analysis of zircons from meta-igneous rocks in the southern North China Craton reveal multiple events in the Late Mesoarcheanâ€“Early Neoarchean. Chemical Geology, 2009, 261, 140-154.	1.4	191
178	High precision SIMS oxygen isotope analysis and the effect of sample topography. Chemical Geology, 2009, 264, 43-57.	1.4	404
179	Isotopic fractionation of the major elements of molten basalt by chemical and thermal diffusion. Geochimica Et Cosmochimica Acta, 2009, 73, 4250-4263.	1.6	157
180	Silicon isotopic fractionation of CAI-like vacuum evaporation residues. Geochimica Et Cosmochimica Acta, 2009, 73, 6390-6401.	1.6	46

#	Article	IF	Citations
181	The origin, cooling and alteration of A-type granites in southern Israel (northernmost) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742	0.9	12
182	Primitive oxygen-isotope ratio recorded in magmatic zircon from the Mid-Atlantic Ridge. American Mineralogist, 2009, 94, 926-934.	0.9	87
183	Archean Environments. Encyclopedia of Earth Sciences Series, 2009, , 34-38.	0.1	0
184	The effects of metamorphism on O and Fe isotope compositions in the Biwabik Iron Formation, northern Minnesota. Contributions To Mineralogy and Petrology, 2008, 155, 313-328.	1.2	60
185	Ti-in-zircon thermometry: applications and limitations. Contributions To Mineralogy and Petrology, 2008, 156, 197-215.	1.2	371
186	Zircon M257 â€•a Homogeneous Natural Reference Material for the Ion Microprobe Uâ€Pb Analysis of Zircon. Geostandards and Geoanalytical Research, 2008, 32, 247-265.	1.7	591
187	Chondrulelike Objects in Short-Period Comet 81P/Wild 2. Science, 2008, 321, 1664-1667.	6.0	215
188	The Origin of Habitats. Geology, 2008, 36, 911.	2.0	15
189	Lithium in Jack Hills zircons: Evidence for extensive weathering of Earth's earliest crust. Earth and Planetary Science Letters, 2008, 272, 666-676.	1.8	178
190	Evidence from polymict ureilite meteorites for a disrupted and re-accreted single ureilite parent asteroid gardened by several distinct impactors. Geochimica Et Cosmochimica Acta, 2008, 72, 4825-4844.	1.6	90
191	SHRIMP U-Pb and CAMECA 1280 oxygen isotope results from ancient detrital zircons in the Caozhuang quartzite, Eastern Hebei, North China Craton: Evidence for crustal reworking 3.8 Ga ago. Numerische Mathematik, 2008, 308, 185-199.	0.7	101
192	Dynamic Magma Systems, Crustal Recycling, and Alteration in the Central Sierra Nevada Batholith: the Oxygen Isotope Record. Journal of Petrology, 2008, 49, 1397-1426.	1.1	204
193	Origin and Evolution of Silicic Magmatism at Yellowstone Based on Ion Microprobe Analysis of Isotopically Zoned Zircons. Journal of Petrology, 2008, 49, 163-193.	1.1	166
194	Creation of a continent recorded in zircon zoning. Geology, 2008, 36, 239.	2.0	41
195	Diamondiferous xenoliths from crustal subduction: garnet oxygen isotopes from the Nyurbinskaya pipe, Yakutia. European Journal of Mineralogy, 2008, 20, 375-385.	0.4	32
196	Chapter 2.5 The Oldest Terrestrial Mineral Record: A Review of 4400 to 4000 Ma Detrital Zircons from Jack Hills, Western Australia. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2007, , 91-111.	0.2	53
197	New constraints on metamorphic history of Adirondack diopsides (New York, U.S.A.): Al and Â18O profiles. American Mineralogist, 2007, 92, 453-459.	0.9	3
198	High-precision oxygen isotope analysis of picogram samples reveals 2 Âm gradients and slow diffusion in zircon. American Mineralogist, 2007, 92, 1772-1775.	0.9	113

#	Article	IF	Citations
199	Oxygen isotope constraints on the origin and differentiation of the Moon. Earth and Planetary Science Letters, 2007, 253, 254-265.	1.8	130
200	Radiation damage and alteration of zircon from a 3.3ÂGa porphyritic granite from the Jack Hills, Western Australia. Chemical Geology, 2007, 236, 92-111.	1.4	55
201	Zircons from kimberlite: New insights from oxygen isotopes, trace elements, and Ti in zircon thermometry. Geochimica Et Cosmochimica Acta, 2007, 71, 3887-3903.	1.6	147
202	Optically continuous silcrete quartz cements of the St. Peter Sandstone: High precision oxygen isotope analysis by ion microprobe. Geochimica Et Cosmochimica Acta, 2007, 71, 3812-3832.	1.6	103
203	Oxygenâ€isotope and trace element constraints on the origins of silicaâ€rich melts in the subarc mantle. Geochemistry, Geophysics, Geosystems, 2007, 8, .	1.0	49
204	Diary of a bluegill (Lepomis macrochirus): daily Î´13C and Î´18O records in otoliths by ion microprobe. Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 1641-1645.	0.7	50
205	Petrogenesis of A-type granites and origin of vertical zoning in the Katharina pluton, Gebel Mussa (Mt.) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	94
206	Strontium and oxygen isotopic evidence for strike/slip movement of accreted terranes in the Idaho Batholith. Lithos, 2007, 96, 387-401.	0.6	9
207	Correlated microanalysis of zircon: Trace element, Î´18O, and Uâ€“Thâ€“Pb isotopic constraints on the igneous origin of complex >3900Ma detrital grains. Geochimica Et Cosmochimica Acta, 2006, 70, 5601-5616.	1.6	158
208	Early Earth. Elements, 2006, 2, 201-204.	0.5	17
209	Deciphering the source and contamination history of peraluminous magmas using Î´18O of accessory minerals: examples from garnet-bearing plutons of the Sierra Nevada batholith. Contributions To Mineralogy and Petrology, 2006, 151, 20-44.	1.2	53
210	Uâ€“Pb zircon geochronology of silicic tuffs from the Timber Mountain/Oasis Valley caldera complex, Nevada: rapid generation of large volume magmas by shallow-level remelting. Contributions To Mineralogy and Petrology, 2006, 152, 649-665.	1.2	58
211	Origin of silicic magmas along the Central American volcanic front: Genetic relationship to mafic melts. Journal of Volcanology and Geothermal Research, 2006, 156, 217-228.	0.8	46
212	Response to Comment on "Heterogeneous Hadean Hafnium: Evidence of Continental Crust at 4.4 to 4.5 Ga". Science, 2006, 312, 1139b-1139b.	6.0	13
213	Pressure, temperature, and composition history of syntectonic fluids in a low-grade metamorphic terrane. Geology, 2005, 33, 421.	2.0	15
214	A Cool Early Earth?. Scientific American, 2005, 293, 58-65.	1.0	23
215	4.4 billion years of crustal maturation: oxygen isotope ratios of magmatic zircon. Contributions To Mineralogy and Petrology, 2005, 150, 561-580.	1.2	970
216	SIMS analyses of oxygen isotopes: Matrix effects in Feâ€“Mgâ€“Ca garnets. Chemical Geology, 2005, 223, 208-226.	1.4	56

#	Article	IF	Citations
217	Supracrustal input to magmas in the deep crust of Sierra Nevada batholith: Evidence from high-O zircon. Earth and Planetary Science Letters, 2005, 235, 315-330.	1.8	123
218	Magmatic Î´18O in 4400â€“3900 Ma detrital zircons: A record of the alteration and recycling of crust in the Early Archean. Earth and Planetary Science Letters, 2005, 235, 663-681.	1.8	331
219	Oxygen-isotope constraints on terrane boundaries and origin of 1.18â€“1.13 Ga granitoids in the southern Grenville Province. , 2004, , 163-182.		10
220	Oxygen isotope trends of granitic magmatism in the Great Basin: Location of the Precambrian craton boundary as reflected in zircons. Bulletin of the Geological Society of America, 2004, 116, 451.	1.6	25
221	Direct dating of Adirondack massif anorthosite by U-Pb SHRIMP analysis of igneous zircon: Implications for AMCG complexes. Bulletin of the Geological Society of America, 2004, 116, 1299-1317.	1.6	127
222	Quartz-garnet isotope thermometry in the southern Adirondack Highlands (Grenville Province, New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	15
223	Further Characterisation of the 91500 Zircon Crystal. Geostandards and Geoanalytical Research, 2004, 28, 9-39.	2.0	1,142
224	Evidence of subduction and crustâ€“mantle mixing from a single diamond. Lithos, 2004, 77, 349-358.	0.6	38
225	Complex patterns of fluid flow during wollastonite formation in calcareous sandstones at Laurel Mountain, Mt. Morrison Pendant, California. Bulletin of the Geological Society of America, 2004, 116, 76.	1.6	38
226	Improved 206Pb/238U microprobe geochronology by the monitoring of a trace-element-related matrix effect; SHRIMP, IDâ€“TIMS, ELAâ€“ICPâ€“MS and oxygen isotope documentation for a series of zircon standards. Chemical Geology, 2004, 205, 115-140.	1.4	1,472
227	Volcanic arc of Kamchatka: a province with high-Î´18O magma sources and large-scale 18O/16O depletion of the upper crust. Geochimica Et Cosmochimica Acta, 2004, 68, 841-865.	1.6	167
228	An experimental and theoretical determination of oxygen isotope fractionation in the system magnetite-H2O from 300 to 800Â°C. Geochimica Et Cosmochimica Acta, 2004, 68, 3569-3585.	1.6	43
229	Nanoscale occurrence of Pb in an Archean zircon. Geochimica Et Cosmochimica Acta, 2004, 68, 4679-4686.	1.6	55
230	Internal zoning and Uâ€“Thâ€“Pb chemistry of Jack Hills detrital zircons: a mineral record of early Archean to Mesoproterozoic (4348â€“1576Ma) magmatism. Precambrian Research, 2004, 135, 251-279.	1.2	168
231	Oxygen isotope compositions and magmatic epidote from two contrasting metaluminous granitoids, NE Brazil. Contributions To Mineralogy and Petrology, 2003, 145, 205-216.	1.2	34
232	Petrogenesis of group?A eclogites and websterites: evidence from the Obnazhennaya kimberlite, Yakutia. Contributions To Mineralogy and Petrology, 2003, 145, 424-443.	1.2	84
233	Isotopic alteration of mammalian tooth enamel. International Journal of Osteoarchaeology, 2003, 13, 11-19.	0.6	66
234	Compensation of charging in X-PEEM: a successful test on mineral inclusions in 4.4Ga old zircon. Ultramicroscopy, 2003, 98, 57-62.	0.8	67

#	Article	IF	Citations
235	Oscillatory zoning in garnet from the Willsboro Wollastonite Skarn, Adirondack Mts, New York: a record of shallow hydrothermal processes preserved in a granulite facies terrane. Journal of Metamorphic Geology, 2003, 21, 771-784.	1.6	61
236	Extreme crustal oxygen isotope signatures preserved in coesite in diamond. Nature, 2003, 423, 68-70.	13.7	102
237	Empirical calibration of oxygen isotope fractionation in zircon. Geochimica Et Cosmochimica Acta, 2003, 67, 3257-3266.	1.6	154
238	Oxygen Isotopes in Zircon. Reviews in Mineralogy and Geochemistry, 2003, 53, 343-385.	2.2	626
239	Oxygen isotope constraints on fluid infiltration associated with high-temperature-low-pressure metamorphism (Chugach metamorphic complex) within the Eocene Southern Alaska forearc. , 2003, , .		4
240	Slow oxygen diffusion rates in igneous zircons from metamorphic rocks. American Mineralogist, 2003, 88, 1003-1014.	0.9	124
241	Rapid generation of both high- and low-Î´18O, large-volume silicic magmas at the Timber Mountain/Oasis Valley caldera complex, Nevada. Bulletin of the Geological Society of America, 2003, 115, 581-595.	1.6	66
242	Oxygen Isotope Composition of Eclogitic and Peridotitic Garnet Xenocrysts from the La Ceniza Kimberlite, Guaniamo, Venezuela. International Geology Review, 2003, 45, 968-975.	1.1	17
243	13. Oxygen Isotopes in Zircon. , 2003, , 343-386.		64
244	Tooth Oxygen Isotope Ratios As Paleoclimate Monitors In Arid Ecosystems. , 2002, , 117-140.		5
245	Correlation between OH concentration and oxygen isotope diffusion rate in diopsides from the Adirondack Mountains, New York. American Mineralogist, 2002, 87, 899-908.	0.9	22
246	Oxygen and neodymium isotope evidence for recycling of juvenile crust in northeast China. Geology, 2002, 30, 375.	2.0	98
247	A cool early Earth. Geology, 2002, 30, 351.	2.0	381
248	Archean Protolith and Accretion of Crust in Kamchatka: SHRIMP Dating of Zircons from Sredinny and Ganal Massifs. Journal of Geology, 2002, 110, 271-289.	0.7	58
249	Two populations of carbonate in ALH84001: geochemical evidence for discrimination and genesis. Geochimica Et Cosmochimica Acta, 2002, 66, 1285-1303.	1.6	61
250	Geochemistry of xenolithic eclogites from West Africa, part 2: origins of the high MgO eclogites. Geochimica Et Cosmochimica Acta, 2002, 66, 4325-4345.	1.6	105
251	Tracking fluid flow during deep crustal anatexis: metasomatism of peridotites (Naxos, Greece). Contributions To Mineralogy and Petrology, 2002, 142, 700-713.	1.2	11
252	Oxygen isotope thermometry of quartzâ€“Al2SiO5veins in high-grade metamorphic rocks on Naxos island (Greece). Contributions To Mineralogy and Petrology, 2002, 143, 350-359.	1.2	20

#	Article	IF	Citations
253	Oxygen isotope study of the Long Valley magma system, California: isotope thermometry and convection in large silicic magma bodies. Contributions To Mineralogy and Petrology, 2002, 144, 185-205.	1.2	102
254	Very high temperature, moderate pressure metamorphism in the New Russia gneiss complex, northeastern Adirondack Highlands, metamorphic aureole to the Marcy anorthosite: Discussion. Canadian Journal of Earth Sciences, 2001, 38, 465-470.	0.6	3
255	Stable Isotope Thermometry at High Temperatures. Reviews in Mineralogy and Geochemistry, 2001, 43, 365-413.	2.2	108
256	Geochemistry of xenolithic eclogites from West Africa, part I: A link between low MgO eclogites and archean crust formation. Geochimica Et Cosmochimica Acta, 2001, 65, 1499-1527.	1.6	198
257	Empirical determination of oxygen isotope fractionation factors for titanite with respect to zircon and quartz. Geochimica Et Cosmochimica Acta, 2001, 65, 3165-3175.	1.6	56
258	Oxygen isotope ratios and rare earth elements in 3.3 to 4.4 Ga zircons: Ion microprobe evidence for high Î´18 O continental crust and oceans in the Early Archean. Geochimica Et Cosmochimica Acta, 2001, 65, 4215-4229.	1.6	284
259	Oxygen isotope ratios of zircon: magma genesis of low Î´18O granites from the British Tertiary Igneous Province, western Scotland. Earth and Planetary Science Letters, 2001, 184, 377-392.	1.8	85
260	Post-caldera volcanism: in situ measurement of Uâ€“Pb age and oxygen isotope ratio in Pleistocene zircons from Yellowstone caldera. Earth and Planetary Science Letters, 2001, 189, 197-206.	1.8	93
261	Oceanic and orogenic fluidâ€“rock interaction in 18O/16O-enriched metagabbros of an ophiolite (Tinos,) Tj ETQq1 1 0.784314 rgBT /	1.8	16
262	6. Stable Isotope Thermometry at High Temperatures. , 2001, , 365-414.		27
263	7. Stable Isotope Transport and Contact Metamorphic Fluid Flow. , 2001, , 415-468.		81
264	Oxygen isotope evidence for two-stage water-rock interactions of the Nianzishan A-type granite in NE China. Science Bulletin, 2001, 46, 727-731.	1.7	13
265	The source, magmatic contamination, and alteration of the Idaho batholith. Contributions To Mineralogy and Petrology, 2001, 142, 72-88.	1.2	79
266	Evidence from detrital zircons for the existence of continental crust and oceans on the Earth 4.4â€‰Gyr ago. Nature, 2001, 409, 175-178.	13.7	1,505
267	Low-Î´ 18 O tephra from a compositionally zoned magma body: Fisher Caldera, Unimak Island, Aleutians. Journal of Volcanology and Geothermal Research, 2001, 111, 35-53.	0.8	24
268	Low-Î´18O Rhyolites from Yellowstone: Magmatic Evolution Based on Analyses of Zircons and Individual Phenocrysts. Journal of Petrology, 2001, 42, 1491-1517.	1.1	252
269	Stable Isotope Transport and Contact Metamorphic Fluid Flow. Reviews in Mineralogy and Geochemistry, 2001, 43, 415-467.	2.2	101
270	Geochemistry of Eclogites and Metapelites from Trescolmen, Central Alps, as Observed from Major and Trace Elements and Oxygen Isotopes. International Geology Review, 2001, 43, 95-119.	1.1	7

#	Article	IF	Citations
271	Microstructural characterization of metamorphic magnetite crystals with implications for oxygen isotope distribution. American Mineralogist, 2000, 85, 14-21.	0.9	15
272	Coesite eclogites from the Roberts Victor kimberlite, South Africa. Lithos, 2000, 54, 23-32.	0.6	67
273	Large crustal input to high Î´18O anorthosite massifs of the southern Grenville Province: new evidence from the Morin Complex, Quebec. Contributions To Mineralogy and Petrology, 2000, 139, 402-417.	1.2	36
274	Oxygen and hydrogen isotope study of high-pressure metagabbros and metabasalts (Cyclades, Greece): implications for the subduction of oceanic crust. Contributions To Mineralogy and Petrology, 2000, 138, 114-126.	1.2	88
275	The correlation of reaction and isotope fronts and the mechanism of metamorphic fluid flow. Contributions To Mineralogy and Petrology, 2000, 138, 364-375.	1.2	29
276	Oxygen isotope perspective on Precambrian crustal growth and maturation. Geology, 2000, 28, 363.	2.0	37
277	Formation of low-Î´18O rhyolites after caldera collapse at Yellowstone, Wyoming, USA. Geology, 2000, 28, 719.	2.0	86
278	Oxygen isotope evolution of volcanic rocks at the Sturgeon Lake volcanic complex, Ontario. Canadian Journal of Earth Sciences, 2000, 37, 39-50.	0.6	26
279	Oxygen Isotope Geochemistry of Oceanic-Arc Lavas. Journal of Petrology, 2000, 41, 229-256.	1.1	262
280	GENESIS OF CORDIERITE - GEDRITE GNEISSES, CENTRAL METASEDIMENTARY BELT BOUNDARY THRUST ZONE, GRENVILLE PROVINCE, ONTARIO, CANADA. Canadian Mineralogist, 2000, 38, 511-524.	0.3	15
281	The relative timing of serpentinisation and mantle exhumation at the oceanâ€“continent transition, Iberia: constraints from oxygen isotopes. Earth and Planetary Science Letters, 2000, 178, 327-338.	1.8	68
282	Reply [to â€œComment on â€˜The petrologic case for a dry lower crustâ€™ by Bruce W. D. Yardley and John W. Valleyâ€]. Journal of Geophysical Research, 2000, 105, 6065-6068.	3.3	40
283	Oxygen isotope perspective on Precambrian crustal growth and maturation. Geology, 2000, 28, 363-366.	2.0	2
284	Formation of low-Î´18O rhyolites after caldera collapse at Yellowstone, Wyoming, USA. Geology, 2000, 28, 719-722.	2.0	3
285	Stable Isotopic Evidence for Limited Fluid Flow through Dolomitic Marble in the Adamello Contact Aureole, Cima Uzza, Italy. Journal of Petrology, 1999, 40, 853-872.	1.1	25
286	Megacrysts and Associated Xenoliths: Evidence for Migration of Geochemically Enriched Melts in the Upper Mantle beneath Scotland. Journal of Petrology, 1999, 40, 935-956.	1.1	108
287	Oxygen isotope evidence for slab-derived fluids in the sub-arc mantle. Nature, 1998, 393, 777-781.	13.7	100
288	Oxygen isotope study of quartzâ€Al 2 SiO 5 pairs from the Mica Creek area, British Columbia: implications for the recovery of peak metamorphic temperatures. Journal of Metamorphic Geology, 1998, 16, 223-230.	1.6	23

#	Article	IF	Citations
289	Effects of cation substitutions in garnet and pyroxene on equilibrium oxygen isotope fractionations. Journal of Metamorphic Geology, 1998, 16, 625-639.	1.6	60
290	Obtaining equilibrium oxygen isotope fractionations from rocks: theory and examples. Contributions To Mineralogy and Petrology, 1998, 132, 209-224.	1.2	51
291	Timescales and mechanisms of fluid infiltration in a marble: an ion microprobe study. Contributions To Mineralogy and Petrology, 1998, 132, 371-389.	1.2	59
292	Zircon megacrysts from kimberlite: oxygen isotope variability among mantle melts. Contributions To Mineralogy and Petrology, 1998, 133, 1-11.	1.2	800
293	Stable isotope thermometry: Is it all wet?. Science Bulletin, 1998, 43, 134-134.	1.7	0
294	Oxygen isotope ratios of Archean plutonic zircons from graniteâ€“greenstone belts of the Superior Province: indicator of magmatic source. Precambrian Research, 1998, 92, 365-387.	1.2	144
295	Oxygen isotope geochemistry of the amphiboles: isotope effects of cation substitutions in minerals. Geochimica Et Cosmochimica Acta, 1998, 62, 1947-1958.	1.6	45
296	Oxygen isotope diffusion and zoning in diopside: the importance of water fugacity during cooling. Geochimica Et Cosmochimica Acta, 1998, 62, 2265-2277.	1.6	39
297	The rapid heating, defocused beam technique: a CO2-laser-based method for highly precise and accurate determination of Î´18O values of quartz. Chemical Geology, 1998, 144, 195-203.	1.4	86
298	Variability in oxygen isotope compositions of herbivore teeth: reflections of seasonality or developmental physiology?. Chemical Geology, 1998, 152, 97-112.	1.4	182
299	The evolution of the deep flow regime at Soultz-sous-ForÃªts, Rhine Graben, eastern France: Evidence from a composite quartz vein. Journal of Geophysical Research, 1998, 103, 27223-27237.	3.3	29
300	Dehydration-Melting and Fluid Recycling during Metamorphism: Rangeley Formation, New Hampshire, USA. Journal of Petrology, 1997, 38, 1255-1277.	1.1	74
301	Hydrothermal alteration of oxygen isotope ratios in quartz phenocrysts, Kidd Creek mine, Ontario: Magmatic values are preserved in zircon. Geology, 1997, 25, 1079.	2.0	61
302	Low-Temperature Carbonate Concretions in the Martian Meteorite ALH84001: Evidence from Stable Isotopes and Mineralogy. Science, 1997, 275, 1633-1638.	6.0	183
303	The petrologic case for a dry lower crust. Journal of Geophysical Research, 1997, 102, 12173-12185.	3.3	305
304	Oxygen isotope variations in ocean island basalt phenocrysts. Geochimica Et Cosmochimica Acta, 1997, 61, 2281-2293.	1.6	223
305	Physiochemical, mineralogical, and isotopic characterization of magnetite-rich iron oxides formed by thermophilic iron-reducing bacteria. Geochimica Et Cosmochimica Acta, 1997, 61, 4621-4632.	1.6	83
306	Low Î´18O magma, Isle of Skye, Scotland: Evidence from zircons. Geochimica Et Cosmochimica Acta, 1997, 61, 4975-4981.	1.6	50

#	Article	IF	Citations
307	Ion microprobe study of oxygen isotopic compositions of structurally nonequivalent growth surfaces on synthetic calcite. Geochimica Et Cosmochimica Acta, 1997, 61, 5057-5063.	1.6	18
308	SIMS analysis of oxygen isotopes: matrix effects in complex minerals and glasses. Chemical Geology, 1997, 138, 221-244.	1.4	211
309	Oxygen isotope compositions of intracaldera rocks: hydrothermal history of the Long Valley Caldera, California. Journal of Volcanology and Geothermal Research, 1997, 76, 83-109.	0.8	29
310	Herbivore tooth oxygen isotope compositions: Effects of diet and physiology. Geochimica Et Cosmochimica Acta, 1996, 60, 3889-3896.	1.6	363
311	Oxygen isotope ratios in olivine from the Hawaii Scientific Drilling Project. Journal of Geophysical Research, 1996, 101, 11807-11813.	3.3	59
312	Ion microprobe analysis of 18O/16O in authigenic and detrital quartz in the St. Peter Sandstone, Michigan Basin and Wisconsin Arch, USA: Contrasting diagenetic histories. Geochimica Et Cosmochimica Acta, 1996, 60, 5101-5116.	1.6	55
313	Oxygen isotope constraints on the sources of Hawaiian volcanism. Earth and Planetary Science Letters, 1996, 144, 453-467.	1.8	202
314	Ion microprobe analysis of oxygen isotope ratios in quartz from Skye granite: healed micro-cracks, fluid flow, and hydrothermal exchange. Contributions To Mineralogy and Petrology, 1996, 124, 225-234.	1.2	84
315	The Fiskenaesset Anorthosite Complex: Stable isotope evidence for shallow emplacement into Archean ocean crust. Geology, 1996, 24, 523.	2.0	20
316	Preservation of premetamorphic oxygen and carbon isotopic trends in granulite facies marbles from Rogaland, Southwest Norway. Numerische Mathematik, 1995, 295, 1179-1219.	0.7	17
317	Ion microprobe evidence for the mechanisms of stable isotope retrogression in high-grade metamorphic rocks. Contributions To Mineralogy and Petrology, 1995, 118, 365-378.	1.2	31
318	Oxygen isotope evidence against bulk recycled sediment in the mantle sources of Pitcairn Island lavas. Nature, 1995, 377, 138-141.	13.7	124
319	Carbon isotope thermometry in marbles of the Adirondack Mountains, New York. Journal of Metamorphic Geology, 1995, 13, 577-594.	1.6	130
320	The oxygen isotope anatomy of a slowly cooled metamorphic rock. American Mineralogist, 1995, 80, 757-764.	0.9	23
321	Determination of the magnetite-water equilibrium oxygen isotope fractionation factor at 350Â°C: A comparison of ion microprobe and laser fluorination techniques. Geochimica Et Cosmochimica Acta, 1995, 59, 3871-3875.	1.6	18
322	UWG-2, a garnet standard for oxygen isotope ratios: Strategies for high precision and accuracy with laser heating. Geochimica Et Cosmochimica Acta, 1995, 59, 5223-5231.	1.6	632
323	Garnet pyroxenite and eclogite in the Bohemian Massif: geochemical evidence for Variscan recycling of subducted lithosphere. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1995, 84, 489.	1.3	80
324	How wet is the Earth's crust?. Nature, 1994, 371, 205-206.	13.7	19

#	Article	IF	Citations
325	Fluid flow and mass transport at the Valentine wollastonite deposit, Adirondack Mountains, New York State. Journal of Metamorphic Geology, 1994, 12, 589-608.	1.6	56
326	Extraction and carbon isotope analysis of CO2 from scapolite in deep crustal granulites and xenoliths. Geochimica Et Cosmochimica Acta, 1994, 58, 959-967.	1.6	31
327	Oxygen isotope geochemistry of zircon. Earth and Planetary Science Letters, 1994, 126, 187-206.	1.8	327
328	Preservation of premetamorphic oxygen isotope ratios in granitic orthogneiss from the adirondack mountains, New York, USA. Geochimica Et Cosmochimica Acta, 1994, 58, 5525-5535.	1.6	20
329	Oxygen isotope constraints on metamorphic fluid flow, Townshend Dam, Vermont, U.S.A.. Geochimica Et Cosmochimica Acta, 1994, 58, 5551-5566.	1.6	54
330	Contrasting Styles of Oxygen Isotope Exchange. Mineralogical Magazine, 1994, 58A, 924-925.	0.6	4
331	Resetting of oxybarometers and oxygen isotope ratios in granulite facies orthogneisses during cooling and shearing, Adirondack Mountains, New York. Contributions To Mineralogy and Petrology, 1993, 113, 208-225.	1.2	37
332	A new look at stable isotope thermometry. Geochimica Et Cosmochimica Acta, 1993, 57, 2571-2583.	1.6	133
333	Cryptic Grain-Scale Heterogeneity of Oxygen Isotope Ratios in Metamorphic Magnetite. Science, 1993, 259, 1729-1733.	6.0	49
334	Submillimeter scale zonation of Î´18O in quartz and feldspar, Isle of Skye, Scotland. Geochimica Et Cosmochimica Acta, 1993, 57, 3669-3676.	1.6	53
335	Stable isotope evidence for magmatic fluids in the Pueblo Viejo epithermal acid sulfate Au-Ag deposit, Dominican Republic. Economic Geology, 1993, 88, 55-71.	1.8	57
336	Geology and geochemistry of volcanogenic massive sulfide deposits and related igneous rocks, Prince William Sound, south-central Alaska; reply. Economic Geology, 1993, 88, 1285-1288.	1.8	0
337	Geology and geochemistry of volcanogenic massive sulfide deposits and related igneous rocks, Prince William Sound, south-central Alaska. Economic Geology, 1992, 87, 1722-1746.	1.8	28
338	Oxygen-isotope geochemistry of the Scourian complex, northwest Scotland. Journal of the Geological Society, 1992, 149, 115-125.	0.9	27
339	Granulite formation is driven by magmatic processes in the deep crust. Earth-Science Reviews, 1992, 32, 145-146.	4.0	6
340	Intercrystalline stable isotope diffusion: a fast grain boundary model. Contributions To Mineralogy and Petrology, 1992, 112, 543-557.	1.2	183
341	Calcite?graphite isotope thermometry: a test for polymetamorphism in marble, Tudor gabbro aureole, Ontario, Canada. Journal of Metamorphic Geology, 1992, 10, 487-501.	1.6	109
342	Stable isotopic and petrological constraints on scapolitization of the Whitestone meta-anorthosite, Grenville Province, Ontario. Journal of Metamorphic Geology, 1992, 10, 745-762.	1.6	19

#	Article	IF	Citations
343	In situ oxygen isotope analysis of feldspar and quartz by Nd:YAG laser microprobe. Chemical Geology: Isotope Geoscience Section, 1992, 101, 21-42.	0.7	24
344	Laser microprobe study of sulfur isotope variation in a sea-floor hydrothermal spire, Axial Seamount, Juan de Fuca Ridge, eastern Pacific. Chemical Geology: Isotope Geoscience Section, 1992, 101, 63-70.	0.7	14
345	Alleghenian Regional Diagenesis: A Response to the Migration of Modified Metamorphic Fluids Derived from beneath the Blue Ridge-Piedmont Thrust Sheet. Journal of Geology, 1992, 100, 339-352.	0.7	35
346	Steep oxygen-isotope gradients at marbleâ€"metagranite contacts in the northwest Adirondack Mountains, New York, USA: products of fluid-hosted diffusion. Earth and Planetary Science Letters, 1991, 107, 148-163.	1.8	74
347	Retrograde Fluids in Granulites: Stable Isotope Evidence of Fluid Migration. Journal of Geology, 1991, 99, 559-570.	0.7	26
348	Ion microprobe analysis of oxygen isotope ratios in granulite facies magnetites: diffusive exchange as a guide to cooling history. Contributions To Mineralogy and Petrology, 1991, 109, 38-52.	1.2	99
349	Prograde and retrograde fluid-rock interaction in calc-silicates northwest of the Idaho batholith: stable isotopic evidence. Contributions To Mineralogy and Petrology, 1991, 108, 162-174.	1.2	26
350	Fluid inclusions in Adirondack granulites: Implications for the retrograde P-T path. Contributions To Mineralogy and Petrology, 1991, 107, 472-483.	1.2	34
351	Low-18O Scourie dike magmas from the Lewisian complex, northwestern Scotland. Geology, 1991, 19, 578.	2.0	29
352	Conditions of Archean granulite metamorphism in the Godthab-Fiskenaesset region, southern West Greenland. Journal of Metamorphic Geology, 1990, 8, 171-190.	1.6	68
353	Deep drilling at the Siljan Ring impact structure: oxygen-isotope geochemistry of granite. Contributions To Mineralogy and Petrology, 1990, 105, 516-532.	1.2	14
354	Origin of graphite in the Pickering gneiss and the Franklin marble, Honey Brook Upland, Pennsylvania Piedmont. Bulletin of the Geological Society of America, 1990, 102, 807-811.	1.6	12
355	Metamorphism in the Adirondacks: II. The Role of Fluids. Journal of Petrology, 1990, 31, 555-596.	1.1	195
356	Micro-analysis of sulfur-isotope ratios and zonation by laser microprobe. Geochimica Et Cosmochimica Acta, 1990, 54, 2075-2092.	1.6	105
357	Estimating groundwater exchange with lakes: 1. The stable isotope mass balance method. Water Resources Research, 1990, 26, 2445-2453.	1.7	103
358	Fluidâ€"rock interaction in the north-west Adirondack Mountains, New York State. , 1990, , 180-197.		9
359	Stable isotopic evidence of salinity change: Influence on the evolution of melanopsid gastropods in the late Miocene Pannonian basin. Geology, 1989, 17, 981.	2.0	37
360	Contamination of the Marcy Anorthosite Massif, Adirondack Mountains, NY: petrologic and isotopic evidence. Contributions To Mineralogy and Petrology, 1988, 98, 97-108.	1.2	31

#	Article	IF	Citations
361	Granulite facies amphibole and biotite equilibria, and calculated peak-metamorphic water activities. Contributions To Mineralogy and Petrology, 1988, 100, 349-360.	1.2	58
362	Constraints on granulite genesis from carbon isotope compositions of cordierite and graphite. Nature, 1988, 332, 66-68.	13.7	50
363	Petrology of a margarite-bearing meta-anorthosite from Seljeneset, Nordfjord, western Norway: Implications for the P-T history of the Western Gneiss Region during Caledonian uplift. Lithos, 1988, 21, 117-128.	0.6	20
364	Fluid-inclusion evidence for impact heating at the Siljan Ring, Sweden. Geology, 1988, 16, 711.	2.0	37
365	Post-granulite facies fluid infiltration in the Adirondack Mountains. Geology, 1988, 16, 513.	2.0	67
366	Calcite Crack Cements in Granite from the Siljan Ring, Sweden: Stable Isotopic Results. Exploration of the Deep Continental Crust, 1988, , 156-179.	0.1	11
367	Fluid Inclusions in Granite from the Siljan Ring Impact Structure and Surrounding Regions. Exploration of the Deep Continental Crust, 1988, , 180-208.	0.1	12
368	Post-metamorphic CO2-rich fluid inclusions in granulites. Contributions To Mineralogy and Petrology, 1987, 96, 485-495.	1.2	125
369	Chapter 13. STABLE ISOTOPE GEOCHEMISTRY of METAMORPHIC ROCKS. , 1986, , 445-490.		142
370	Ternary feldspar thermometry in granulites from the Oaxacan Complex, Mexico. Contributions To Mineralogy and Petrology, 1985, 89, 215-225.	1.2	36
371	Crystal chemistry of a Mg-vesuvianite and implications of phase equilibria in the system CaO-MgO-Al2O3-SiO2-H2O-CO2. Journal of Metamorphic Geology, 1985, 3, 137-153.	1.6	51
372	Ganomalite from Franklin, New Jersey, and Jakobsberg, Sweden: new chemical and crystallographic data. Mineralogical Magazine, 1985, 49, 579-582.	0.6	13
373	Metamorphism in the Adirondacks. I. Petrology, Pressure and Temperature. Journal of Petrology, 1985, 26, 971-992.	1.1	205
374	Polymetamorphism in the Adirondacks: Wollastonite at Contacts of Shallowly Intruded Anorthosite. , 1985, , 217-236.		35
375	C-O-H Fluid Calculations and Granulite Genesis. , 1985, , 119-131.		53
376	Metamorphism of reduced granulites in low-CO2 vapour-free environment. Nature, 1984, 312, 56-58.	13.7	191
377	Fluid heterogeneity during granulite facies metamorphism in the Adirondacks: stable isotope evidence. Contributions To Mineralogy and Petrology, 1984, 85, 158-173.	1.2	172
378	Metamorphic fluids in the deep crust: evidence from the Adirondacks. Nature, 1983, 301, 226-228.	13.7	70

#	Article	IF	Citations
379	Oxygen isotope evidence for shallow emplacement of Adirondack anorthosite. Nature, 1982, 300, 497-500.	13.7	85
380	exchange between calcite and graphite: A possible thermometer in Grenville marbles. Geochimica Et Cosmochimica Acta, 1981, 45, 411-419.	1.6	160
381	An analytical electron microscopic study of a pyroxene-amphibole intergrowth. Contributions To Mineralogy and Petrology, 1981, 77, 115-120.	1.2	21
382	Calc-Silicate Reactions in Adirondack Marbles: The Role of Fluids and Solid Solutions. Bulletin of the Geological Society of America, 1980, 91, 720-815.	1.6	25
383	Akermanite in the Cascade Slide xenolith and its significance for regional metamorphism in the Adirondacks. Contributions To Mineralogy and Petrology, 1980, 74, 143-152.	1.2	44
384	Calc-silicate reactions in Adirondack marbles: The role of fluids and solid solutions: Summary. Bulletin of the Geological Society of America, 1980, 91, 114.	1.6	33
385	Comment and reply on â€˜Evaporites as precursors of massif anorthositeâ€™. Geology, 1978, 6, 582.	2.0	0
386	Burial Dolomitization of the Middle Ordovician Glenwood Formation by Evaporitic Brines, Michigan Basin. , 0, , 167-186.		6
387	Megacrysts and Associated Xenoliths: Evidence for Migration of Geochemically Enriched Melts in the Upper Mantle beneath Scotland. , 0, .		26