Joel D Blum

List of Publications by Year
in descending order

320 papers	17,873 citations	9428 76 h-index	17373 126 g-index
326 all docs	326 docs citations	326 times ranked	12696 citing authors

#	Article	IF	Citations
1	Mantle Hg isotopic heterogeneity and evidence of oceanic Hg recycling into the mantle. Nature Communications, 2022, 13, 948.	5.8	36
2	Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5.	3.7	0
3	Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5.	2.3	0
4	Increased carbon capture by a silicate-treated forested watershed affected by acid deposition. Biogeosciences, 2021, 18, 169-188.	1.3	35
5	Mercury abundance and isotopic composition indicate subaerial volcanism prior to the end-Archean â€œwhiffâ€• of oxygen. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	32
6	Isotopic composition of mercury deposited via snow into mid-latitude ecosystems. Science of the Total Environment, 2021, 784, 147252.	3.9	5
7	Use of sequential extraction and mercury stable isotope analysis to assess remobilization of sediment-bound legacy mercury. Environmental Sciences: Processes and Impacts, 2021, 23, 756-775.	1.7	9
8	Isotopic Composition of Hg in Fogwaters of Coastal California. Environmental Science and Technology Letters, 2021, 8, 3-8.	3.9	13
9	Review of stable mercury isotopes in ecology and biogeochemistry. Science of the Total Environment, 2020, 716, 135386.	3.9	73
10	Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561.	2.5	0
11	Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315.	1.2	0
12	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708.	2.6	0
13	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Central Science, 2020, 6, 589-590.	5.3	0
14	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Biology, 2020, 15, 1282-1283.	1.6	0
15	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197.	1.7	0
16	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673.	1.2	0
17	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611.	8.8	1
18	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667.	2.3	0

#	Article	IF	Citations
19	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. , 2020, 2, 563-564.		0
20	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152.	7.3	2
21	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Photonics, 2020, 7, 1080-1081.	3.2	0
22	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456.	2.5	0
23	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575.	3.2	0
24	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188.	3.2	0
25	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679.	3.2	0
26	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281.	3.9	1
27	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218.	1.1	1
28	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884.	1.8	0
29	Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157.	1.6	0
30	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740.	2.0	0
31	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224.	3.8	0
32	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061.	1.3	0
33	Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831.		0
34	Mercury isotopes identify near-surface marine mercury in deep-sea trench biota. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29292-29298.	3.3	42
35	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281.	2.1	1
36	Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018.	2.5	0

#	Article	IF	Citations
37	Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014.	5.3	1
38	Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917.	1.8	0
39	Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059.	1.5	0
40	Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356.	1.3	0
41	Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323.	1.2	1
42	Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773.	2.5	0
43	Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860.	4.0	0
44	Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677.	7.3	2
45	Contrasting Controls on the Diel Isotopic Variation of Hg⁰ at Two High Elevation Sites in the Western United States. Environmental Science & Technology, 2020, 54, 10502-10513.	4.6	25
46	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biochemistry, 2020, 59, 1641-1642.	1.2	0
47	Concentration and isotopic composition of mercury in a blackwater river affected by extreme flooding events. Limnology and Oceanography, 2020, 65, 2158-2169.	1.6	16
48	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254.	1.0	0
49	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Process Research and Development, 2020, 24, 872-873.	1.3	0
50	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Omega, 2020, 5, 9624-9625.	1.6	0
51	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185.	2.0	0
52	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148.	4.0	5
53	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630.	1.5	0
54	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572.	2.1	0

#	Article	IF	Citations
55	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Synthetic Biology, 2020, 9, 979-980.	1.9	0
56	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092.	2.5	0
57	Mercury stable isotopes in flying fish as a monitor of photochemical degradation of methylmercury in the Atlantic and Pacific Oceans. Marine Chemistry, 2020, 223, 103790.	0.9	17
58	Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005.	2.3	0
59	Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299.	1.7	0
60	Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627.	3.2	0
61	Confronting Racism in Chemistry Journals. Journal of Chemical Education, 2020, 97, 1695-1697.	1.1	0
62	Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217.	1.3	0
63	Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, .	3.2	0
64	Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371.	3.2	0
65	Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513.	1.7	0
66	Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641.	1.9	0
67	Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133.	2.4	0
68	Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498.	2.0	0
69	Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721.	1.6	0
70	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882.	2.3	0
71	Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921.	2.4	4
72	Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927.	4.0	13

#	Article	IF	Citations
73	Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203.	1.4	1
74	Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797.	23.0	2
75	Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309.	5.5	1
76	Confronting Racism in Chemistry Journals. Biomacromolecules, 2020, 21, 2543-2545.	2.6	0
77	Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577.	2.9	0
78	Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017.	2.2	0
79	Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717.	4.5	5
80	Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333.	1.1	0
81	Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321.	6.6	1
82	Mercury Isotope Fractionation during the Photochemical Reduction of Hg(II) Coordinated with Organic Ligands. Journal of Physical Chemistry A, 2020, 124, 2842-2853.	1.1	51
83	Ostrich eggshell bead strontium isotopes reveal persistent macroscale social networking across late Quaternary southern Africa. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6453-6462.	3.3	56
84	Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259.	7.6	0
85	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273.	1.1	0
86	Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293.	8.8	0
87	Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327.	2.5	0
88	Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913.	1.8	0
89	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337.	1.2	1
90	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020.	2.4	0

#	Article	IF	Citations
91	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604.	1.2	0
92	Confronting Racism in Chemistry Journals. Bioconjugate Chemistry, 2020, 31, 1693-1695.	1.8	0
93	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961.	2.4	0
94	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Natural Products, 2020, 83, 1357-1358.	1.5	0
95	Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489.	1.9	0
96	Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405.	1.0	0
97	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212.	1.8	0
98	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134.	1.1	0
99	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510.	1.7	0
100	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108.	2.5	0
101	Mercury stable isotopes for monitoring the effectiveness of the Minamata Convention on Mercury. Earth-Science Reviews, 2020, 203, 103111.	4.0	110
102	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874.	2.3	0
103	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752.	1.7	0
104	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Society for Mass Spectrometry, 2020, 31, 1006-1007.	1.2	0
105	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002.	7.6	0
106	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biomacromolecules, 2020, 21, 1966-1967.	2.6	0
107	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940.	23.0	0
108	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science & Technology, 2020, 54, 5307-5308.	4.6	0

#	Article	IF	Citations
109	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566.	1.6	0
110	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446.	2.3	0
111	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892.	1.8	0
112	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818.	1.4	1
113	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410.	2.9	0
114	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502.	1.1	0
115	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936.	4.5	0
116	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252.	4.0	0
117	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652.	2.5	0
118	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510.	1.8	0
119	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060.	6.6	3
120	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797.	1.9	0
121	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666.	1.1	0
122	Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308.	2.4	0
123	Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692.	2.6	1
124	Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859.	1.6	1
125	Calibrating a long-term meteoric ¹⁰Be delivery rate into eroding western US glacial deposits by comparing meteoric and in situ produced ¹⁰Be depth profiles. Geochronology, 2020, 2, 411-423.	1.0	2
126	Confronting Racism in Chemistry Journals. ACS Applied Electronic Materials, 2020, 2, 1774-1776.	2.0	0

#	Article	IF	Citations
127	Confronting Racism in Chemistry Journals. Journal of Agricultural and Food Chemistry, 2020, 68, 6941-6943.	2.4	0
128	Confronting Racism in Chemistry Journals. ACS Earth and Space Chemistry, 2020, 4, 961-963.	1.2	0
129	Confronting Racism in Chemistry Journals. Environmental Science and Technology Letters, 2020, 7, 447-449.	3.9	0
130	Confronting Racism in Chemistry Journals. ACS Combinatorial Science, 2020, 22, 327-329.	3.8	0
131	Confronting Racism in Chemistry Journals. ACS Infectious Diseases, 2020, 6, 1529-1531.	1.8	0
132	Confronting Racism in Chemistry Journals. ACS Applied Bio Materials, 2020, 3, 3925-3927.	2.3	0
133	Confronting Racism in Chemistry Journals. Journal of Physical Chemistry C, 2020, 124, 14069-14071.	1.5	0
134	Confronting Racism in Chemistry Journals. ACS Macro Letters, 2020, 9, 1004-1006.	2.3	0
135	Confronting Racism in Chemistry Journals. Molecular Pharmaceutics, 2020, 17, 2229-2231.	2.3	1
136	Confronting Racism in Chemistry Journals. ACS Chemical Neuroscience, 2020, 11, 1852-1854.	1.7	1
137	Confronting Racism in Chemistry Journals. ACS Photonics, 2020, 7, 1586-1588.	3.2	0
138	Confronting Racism in Chemistry Journals. Environmental Science & Technology, 2020, 54, 7735-7737.	4.6	0
139	Confronting Racism in Chemistry Journals. Journal of Chemical Health and Safety, 2020, 27, 198-200.	1.1	0
140	Seasonal and spatial changes in carbon and nitrogen fluxes estimated using 234Th:238U disequilibria in the North Pacific tropical and subtropical gyre. Marine Chemistry, 2019, 217, 103705.	0.9	18
141	Mercury Cycling in the North Pacific Subtropical Gyre as Revealed by Mercury Stable Isotope Ratios. Global Biogeochemical Cycles, 2019, 33, 777-794.	1.9	54
142	Isotopic evidence for mercury photoreduction and retention on particles in surface waters of Central California, USA. Science of the Total Environment, 2019, 674, 451-461.	3.9	7
143	Thermal alteration of labile elements in carbonaceous chondrites. Icarus, 2019, 324, 104-119.	1.1	14
144	Changes in the mercury isotopic composition of sediments from a remote alpine lake in Wyoming, USA. Science of the Total Environment, 2019, 669, 973-982.	3.9	34

#	ARTICLE	IF	CITATIONS
145	Mercury Isotopes Reveal Atmospheric Gaseous Mercury Deposition Directly to the Arctic Coastal Snowpack. Environmental Science and Technology Letters, 2019, 6, 235-242.	3.9	50
146	Controls of Methylmercury Bioaccumulation in Forest Floor Food Webs. Environmental Science & Technology, 2019, 53, 2434-2440.	4.6	39
147	Biogenic carbonate mercury and marine temperature records reveal global influence of Late Cretaceous Deccan Traps. Nature Communications, 2019, 10, 5356.	5.8	21
148	Mercury Stable Isotope Fractionation during Abiotic Dark Oxidation in the Presence of Thiols and Natural Organic Matter. Environmental Science & Technology, 2019, 53, 1853-1862.	4.6	77
149	Hg isotopes reveal in-stream processing and legacy inputs in East Fork Poplar Creek, Oak Ridge, Tennessee, USA. Environmental Sciences: Processes and Impacts, 2018, 20, 686-707.	1.7	30
150	Isotopic Characterization of Mercury in Natural Gas via Analysis of Mercury Removal Unit Catalysts. ACS Earth and Space Chemistry, 2018, 2, 462-470.	1.2	12
151	New Insights on Ecosystem Mercury Cycling Revealed by Stable Isotopes of Mercury in Water Flowing from a Headwater Peatland Catchment. Environmental Science & Technology, 2018, 52, 1854-1861.	4.6	60
152	Photomicrobial Visible Light-Induced Magnetic Mass Independent Fractionation of Mercury in a Marine Microalga. ACS Earth and Space Chemistry, 2018, 2, 432-440.	1.2	58
153	Understanding sources of methylmercury in songbirds with stable mercury isotopes: Challenges and future directions. Environmental Toxicology and Chemistry, 2018, 37, 166-174.	2.2	29
154	A model of mercury cycling and isotopic fractionation in the ocean. Biogeosciences, 2018, 15, 6297-6313.	1.3	17
155	Origin, Reactivity, and Bioavailability of Mercury in Wildfire Ash. Environmental Science & Technology, 2018, 52, 14149-14157.	4.6	25
156	Spatial and temporal variation in the isotopic composition of mercury in the South River, VA. Chemical Geology, 2018, 494, 96-108.	1.4	22
157	Recent Developments in Mercury Stable Isotope Analysis. Reviews in Mineralogy and Geochemistry, 2017, 82, 733-757.	2.2	127
158	Welcome to <i>ACS Earth and Space Chemistry</i>. ACS Earth and Space Chemistry, 2017, 1, 1-2.	1.2	0
159	A Pulse of Mercury and Major Ions in Snowmelt Runoff from a Small Arctic Alaska Watershed. Environmental Science & Technology, 2017, 51, 11145-11155.	4.6	24
160	Isotopic Characterization of Mercury Downstream of Historic Industrial Contamination in the South River, Virginia. Environmental Science & Technology, 2017, 51, 10965-10973.	4.6	36
161	Carbon, Nitrogen, and Mercury Isotope Evidence for the Biogeochemical History of Mercury in Hawaiian Marine Bottomfish. Environmental Science & Technology, 2017, 51, 13976-13984.	4.6	31
162	Isotopic signatures of mercury contamination in latest Permian oceans. Geology, 2017, 45, 55-58.	2.0	186

#	Article	IF	Citations
163	17 Recent Developments in Mercury Stable Isotope Analysis. , 2017, , 733-758.		3
164	Long-term responses in soil solution and stream-water chemistry at Hubbard Brook after experimental addition of wollastonite. Environmental Chemistry, 2016, 13, 528.	0.7	21
165	Methylmercury degradation and exposure pathways in streams and wetlands impacted by historical mining. Science of the Total Environment, 2016, 568, 1192-1203.	3.9	23
166	Hydrologic indicators of hot spots and hot moments of mercury methylation potential along river corridors. Science of the Total Environment, 2016, 568, 697-711.	3.9	48
167	Fine root biomass declined in response to restoration of soil calcium in a northern hardwood forest. Canadian Journal of Forest Research, 2016, 46, 738-744.	0.8	20
168	Benefits of Regulating Hazardous Air Pollutants from Coal and Oil-Fired Utilities in the United States. Environmental Science & Technology, 2016, 50, 2117-2120.	4.6	35
169	Isotopic Composition of Inorganic Mercury and Methylmercury Downstream of a Historical Gold Mining Region. Environmental Science & Technology, 2016, 50, 1691-1702.	4.6	50
170	Importance of Integration and Implementation of Emerging and Future Mercury Research into the Minamata Convention. Environmental Science & Technology, 2016, 50, 2767-2770.	4.6	68
171	Quantifying mercury isotope dynamics in captive Pacific bluefin tuna (<i>Thunnus orientalis</i>). Elementa, 2016, 4, .	1.1	26
172	Chronic mercury exposure in Late Neolithic/Chalcolithic populations in Portugal from the cultural use of cinnabar. Scientific Reports, 2015, 5, 14679.	1.6	60
173	Coupling atmospheric mercury isotope ratios and meteorology to identify sources of mercury impacting a coastal urbanâ€industrial region near Pensacola, Florida, USA. Global Biogeochemical Cycles, 2015, 29, 1689-1705.	1.9	87
174	Assessment of mercury exposure among small-scale gold miners using mercury stable isotopes. Environmental Research, 2015, 137, 226-234.	3.7	45
175	Isotopic study of mercury sources and transfer between a freshwater lake and adjacent forest food web. Science of the Total Environment, 2015, 532, 220-229.	3.9	64
176	Separation of monomethylmercury from estuarine sediments for mercury isotope analysis. Chemical Geology, 2015, 411, 19-25.	1.4	42
177	Tracking the Fate of Mercury in the Fish and Bottom Sediments of Minamata Bay, Japan, Using Stable Mercury Isotopes. Environmental Science & Technology, 2015, 49, 5399-5406.	4.6	65
178	Effects of ultraviolet radiation on mercury isotope fractionation during photo-reduction for inorganic and organic mercury species. Chemical Geology, 2015, 405, 102-111.	1.4	76
179	The use of Pb, Sr, and Hg isotopes in Great Lakes precipitation as a tool for pollution source attribution. Science of the Total Environment, 2015, 502, 362-374.	3.9	118
180	Soil Chemical Dynamics after Calcium Silicate Addition to a Northern Hardwood Forest. Soil Science Society of America Journal, 2014, 78, 1458-1468.	1.2	40

#	Article	IF	Citations
181	Determinants of survival over 7 years for a natural cohort of sugar maple seedlings in a northern hardwood forest. Canadian Journal of Forest Research, 2014, 44, 1112-1121.	0.8	21
182	Mycorrhizas in changing ecosystems[,]. Botany, 2014, 92, 149-160.	0.5	82
183	Rates of sustainable forest harvest depend on rotation length and weathering of soil minerals. Forest Ecology and Management, 2014, 318, 194-205.	1.4	63
184	Mercury accumulation in sea lamprey (Petromyzon marinus) from Lake Huron. Science of the Total Environment, 2014, 470-471, 1313-1319.	3.9	16
185	Ecological significance of mineral weathering in ectomycorrhizal and arbuscular mycorrhizal ecosystems from a field-based comparison. Soil Biology and Biochemistry, 2014, 69, 63-70.	4.2	79
186	Mercury Isotopes in Earth and Environmental Sciences. Annual Review of Earth and Planetary Sciences, 2014, 42, 249-269.	4.6	501
187	Identification of Multiple Mercury Sources to Stream Sediments near Oak Ridge, TN, USA. Environmental Science & Technology, 2014, 48, 3666-3674.	4.6	43
188	Restoring Soil Calcium Reverses Forest Decline. Environmental Science and Technology Letters, 2014, 1, 15-19.	3.9	103
189	Mercury Isotope Study of Sources and Exposure Pathways of Methylmercury in Estuarine Food Webs in the Northeastern U.S.. Environmental Science & Technology, 2014, 48, 10089-10097.	4.6	97
190	Assessing Sources of Human Methylmercury Exposure Using Stable Mercury Isotopes. Environmental Science & Technology, 2014, 48, 8800-8806.	4.6	84
191	Variation in Terrestrial and Aquatic Sources of Methylmercury in Stream Predators as Revealed by Stable Mercury Isotopes. Environmental Science & Technology, 2014, 48, 10128-10135.	4.6	63
192	Methylmercury production below the mixed layer in the North Pacific Ocean. Nature Geoscience, 2013, 6, 879-884.	5.4	298
193	Mercury concentrations, speciation, and isotopic composition in sediment from a cold seep in the northern Gulf of Mexico. Marine Pollution Bulletin, 2013, 77, 308-314.	2.3	15
194	Hydrogeochemistry of seasonal flow regimes in the Chena River, a subarctic watershed draining discontinuous permafrost in interior Alaska (USA). Chemical Geology, 2013, 335, 48-62.	1.4	53
195	Using thermal analysis coupled to isotope dilution cold vapor ICP-MS in the quantification of atmospheric particulate phase mercury. Journal of Analytical Atomic Spectrometry, 2013, 28, 1788.	1.6	17
196	Mesmerized by mercury. Nature Chemistry, 2013, 5, 1066-1066.	6.6	19
197	An isotopic record of mercury in San Francisco Bay sediment. Chemical Geology, 2013, 349-350, 87-98.	1.4	98
198	Microbial stable isotope fractionation of mercury: A synthesis of present understanding and future directions. Chemical Geology, 2013, 336, 13-25.	1.4	63

#	Article	IF	Citations
199	Estimation of nuclear volume dependent fractionation of mercury isotopes in equilibrium liquidâ€"vapor evaporation experiments. Chemical Geology, 2013, 336, 5-12.	1.4	138
200	Tracing anthropogenic Hg and Pb input using stable Hg and Pb isotope ratios in sediments of the central Portuguese Margin. Chemical Geology, 2013, 336, 62-71.	1.4	77
201	Mercury stable isotopes in sediments and largemouth bass from Florida lakes, USA. Science of the Total Environment, 2013, 448, 163-175.	3.9	94
202	New Insight into Biomarkers of Human Mercury Exposure Using Naturally Occurring Mercury Stable Isotopes. Environmental Science & Technology, 2013, 47, 3403-3409.	4.6	118
203	Mercury isotopes in a forested ecosystem: Implications for airâ€surface exchange dynamics and the global mercury cycle. Global Biogeochemical Cycles, 2013, 27, 222-238.	1.9	364
204	Application of mercury isotopes for tracing trophic transfer and internal distribution of mercury in marine fish feeding experiments. Environmental Toxicology and Chemistry, 2013, 32, 2322-2330.	2.2	83
205	Photodegradation of methylmercury in stream ecosystems. Limnology and Oceanography, 2013, 58, 13-22.	1.6	35
206	Foliar Nutrient Concentrations Related to Soil Sources across a Range of Sites in the Northeastern United States. Soil Science Society of America Journal, 2012, 76, 674-683.	1.2	17
207	The Quantitative Soil Pit Method for Measuring Belowground Carbon and Nitrogen Stocks. Soil Science Society of America Journal, 2012, 76, 2241-2255.	1.2	33
208	Sources and Transfers of Methylmercury in Adjacent River and Forest Food Webs. Environmental Science & Technology, 2012, 46, 10957-10964.	4.6	107
209	Applications of Stable Mercury Isotopes to Biogeochemistry. Advances in Isotope Geochemistry, 2012, , 229-245.	1.4	28
210	Investigation of Local Mercury Deposition from a Coal-Fired Power Plant Using Mercury Isotopes. Environmental Science & Technology, 2012, 46, 382-390.	4.6	176
211	Absence of Fractionation of Mercury Isotopes during Trophic Transfer of Methylmercury to Freshwater Fish in Captivity. Environmental Science & Technology, 2012, 46, 7527-7534.	4.6	121
212	Frost flowers growing in the Arctic oceanâ€atmosphereâ€"sea iceâ€"snow interface: 2. Mercury exchange between the atmosphere, snow, and frost flowers. Journal of Geophysical Research, 2012, 117, .	3.3	32
213	Determination of foliar Ca/Sr discrimination factors for six tree species and implications for Ca sources in northern hardwood forests. Plant and Soil, 2012, 356, 303-314.	1.8	17
214	Watershed-Level Responses to Calcium Silicate Treatment in a Northern Hardwood Forest. Ecosystems, 2012, 15, 416-434.	1.6	24
215	Mercury Isotopic Evidence for Multiple Mercury Sources in Coal from the Illinois Basin. Environmental Science & Technology, 2011, 45, 1724-1729.	4.6	66
216	Sources of mercury to San Francisco Bay surface sediment as revealed by mercury stable isotopes. Geochimica Et Cosmochimica Acta, 2011, 75, 691-705.	1.6	127

#	Article	IF	Citations
217	Mercury Isotopes Link Mercury in San Francisco Bay Forage Fish to Surface Sediments. Environmental Science & Technology, 2011, 45, 1264-1270.	4.6	136
218	The specific surface area and chemical composition of diamond dust near Barrow, Alaska. Journal of Geophysical Research, 2011, 116, .	3.3	27
219	Marine mercury breakdown. Nature Geoscience, 2011, 4, 139-140.	5.4	11
220	Litter layers (Oie) as a calcium source of sugar maple seedlings in a northern hardwood forest. Canadian Journal of Forest Research, 2011, 41, 898-901.	0.8	7
221	Mass-independent fractionation of mercury isotopes in Arctic snow driven by sunlight. Nature Geoscience, 2010, 3, 173-177.	5.4	233
222	Isotopic Composition and Fractionation of Mercury in Great Lakes Precipitation and Ambient Air. Environmental Science & Technology, 2010, 44, 7764-7770.	4.6	285
223	Patterns of Ca/Sr and 87Sr/86Sr variation before and after a whole watershed CaSiO3 addition at the Hubbard Brook Experimental Forest, USA. Geochimica Et Cosmochimica Acta, 2010, 74, 3129-3142.	1.6	20
224	Initial stages of weathering and soil formation in the Morteratsch proglacial area (Upper Engadine,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	124
225	Stream geochemistry as an indicator of increasing permafrost thaw depth in an arctic watershed. Chemical Geology, 2010, 273, 76-81.	1.4	120
226	Stable Isotope (N, C, Hg) Study of Methylmercury Sources and Trophic Transfer in the Northern Gulf of Mexico. Environmental Science & Technology, 2010, 44, 1630-1637.	4.6	194
227	The effects of a whole-watershed calcium addition on the chemistry of stream storm events at the Hubbard Brook Experimental Forest in NH, USA. Science of the Total Environment, 2009, 407, 5392-5401.	3.9	16
228	Stable isotope food-web analysis and mercury biomagnification in polar bears (Ursus maritimus). Polar Research, 2009, 28, 443-454.	1.6	32
229	The coupled release of REE and Pb to the soil labile pool with time by weathering of accessory phases, Wind River Mountains, WY. Geochimica Et Cosmochimica Acta, 2009, 73, 320-336.	1.6	47
230	Mass dependent stable isotope fractionation of mercury during mer mediated microbial degradation of monomethylmercury. Geochimica Et Cosmochimica Acta, 2009, 73, 1285-1296.	1.6	188
231	The geochemical behavior and isotopic composition of Hg in a mid-Pleistocene western Mediterranean sapropel. Geochimica Et Cosmochimica Acta, 2009, 73, 1651-1665.	1.6	151
232	Citation for presentation of the 2008 F.W. Clarke Award to Andrew D. Jacobson. Geochimica Et Cosmochimica Acta, 2009, 73, S7.	1.6	0
233	Use of foliar Ca/Sr discrimination and 87Sr/86Sr ratios to determine soil Ca sources to sugar maple foliage in a northern hardwood forest. Biogeochemistry, 2008, 87, 287-296.	1.7	42
234	Mercury storage in surface soils in a central Washington forest and estimated release during the 2001 Rex Creek Fire. Science of the Total Environment, 2008, 404, 129-138.	3.9	52

#	Article	IF	Citations
235	Natural Mercury Isotope Variation in Coal Deposits and Organic Soils. Environmental Science & Technology, 2008, 42, 8303-8309.	4.6	219
236	Miocene to recent eolian dust record from the Southwest Pacific Ocean at 40Â° S latitude. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 261, 218-233.	1.0	27
237	Isotope geochemistry of mercury in source rocks, mineral deposits and spring deposits of the California Coast Ranges, USA. Earth and Planetary Science Letters, 2008, 269, 399-407.	1.8	162
238	Investigation of the deposition and emission of mercury in arctic snow during an atmospheric mercury depletion event. Journal of Geophysical Research, 2008, 113, .	3.3	58
239	Mercury Stable Isotope Fractionation during Reduction of Hg(II) by Different Microbial Pathways. Environmental Science & Technology, 2008, 42, 9171-9177.	4.6	138
240	Influence of Snow and Ice Crystal Formation and Accumulation on Mercury Deposition to the Arctic. Environmental Science & Technology, 2008, 42, 1542-1551.	4.6	101
241	Mineral Sources of Calcium and Phosphorus in Soils of the Northeastern United States. Soil Science Society of America Journal, 2008, 72, 1786-1794.	1.2	28
242	Geochemistry of Soils and Streams on Surfaces of Varying Ages in Arctic Alaska. Arctic, Antarctic, and Alpine Research, 2007, 39, 84-98.	0.4	79
243	Mass-Dependent and -Independent Fractionation of Hg Isotopes by Photoreduction in Aquatic Systems. Science, 2007, 318, 417-420.	6.0	725
244	A sequential extraction to determine the distribution of apatite in granitoid soil mineral pools with application to weathering at the Hubbard Brook Experimental Forest, NH, USA. Applied Geochemistry, 2007, 22, 2406-2421.	1.4	60
245	Terrestrial gastropod responses to an ecosystem-level calcium manipulation in a northern hardwood forest. Canadian Journal of Zoology, 2007, 85, 994-1007.	0.4	30
246	Mercury Stable Isotope Fractionation during Reduction of Hg(II) to Hg(0) by Mercury Resistant Microorganisms. Environmental Science & Technology, 2007, 41, 1889-1895.	4.6	213
247	Release of mercury from Rocky Mountain forest fires. Global Biogeochemical Cycles, 2007, 21, .	1.9	80
248	Sorption of Mercuric Ion by Synthetic Nanocrystalline Mackinawite (FeS). Environmental Science & Technology, 2007, 41, 7699-7705.	4.6	150
249	Reporting of variations in the natural isotopic composition of mercury. Analytical and Bioanalytical Chemistry, 2007, 388, 353-359.	1.9	536
250	Sources and exposure of the New Hampshire population to arsenic in public and private drinking water supplies. Chemical Geology, 2006, 228, 72-84.	1.4	24
251	The middle Pleistocene transition: characteristics, mechanisms, and implications for long-term changes in atmospheric pCO2. Quaternary Science Reviews, 2006, 25, 3150-3184.	1.4	827
252	The relative uptake of Ca and Sr into tree foliage using a whole-watershed calcium addition. Biogeochemistry, 2006, 80, 21-41.	1.7	52

#	Article	IF	Citations
253	Glacial-interglacial terrigenous provenance in the southeastern Atlantic Ocean: The importance of deep-water sources and surface currents. Geology, 2006, 34, 545.	2.0	22
254	Impacts of zooplankton composition and algal enrichment on the accumulation of mercury in an experimental freshwater food web. Science of the Total Environment, 2005, 339, 89-101.	3.9	85
255	Mercury isotope fractionation in fossil hydrothermal systems. Geology, 2005, 33, 825.	2.0	140
256	Comparing naturally occurring stable isotopes of nitrogen, carbon, and strontium as markers for the rearing locations of Atlantic salmon (Salmo salar). Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 48-57.	0.7	54
257	The dissolution kinetics of a granite and its mineralsâ€"Implications for comparison between laboratory and field dissolution rates. Geochimica Et Cosmochimica Acta, 2005, 69, 607-621.	1.6	50
258	Integrative measures of consumption rates in salmon: expansion and application of a trace element approach. Journal of Applied Ecology, 2004, 41, 1009-1020.	1.9	10
259	Dissolution of wollastonite during the experimental manipulation of Hubbard Brook Watershed 1. Biogeochemistry, 2004, 67, 309-329.	1.7	75
260	Influence of landscape position and vegetation on long-term weathering rates at the Hubbard Brook Experimental Forest, New Hampshire, USA. Geochimica Et Cosmochimica Acta, 2004, 68, 3065-3078.	1.6	84
261	Lead and strontium isotopes as monitors of experimental granitoid mineral dissolution. Geochimica Et Cosmochimica Acta, 2004, 68, 4649-4663.	1.6	56
262	Biotic Control of Calcium Cycling in Northern Hardwood Forests: Acid Rain and Aging Forests. Ecosystems, 2003, 6, 399-406.	1.6	56
263	Sediment flux in the modern Indus River inferred from the trace element composition of detrital amphibole grains. Sedimentary Geology, 2003, 160, 243-257.	1.0	28
264	Mycorrhizal weathering in base-poor forests. Nature, 2003, 423, 824-824.	13.7	2
265	Tracing hydrologic flow paths in a small forested watershed using variations in87Sr/86Sr, [Ca]/[Sr], [Ba]/[Sr] and Î´18O. Water Resources Research, 2003, 39, .	1.7	46
266	Climatic and tectonic controls on chemical weathering in the New Zealand Southern Alps. Geochimica Et Cosmochimica Acta, 2003, 67, 29-46.	1.6	231
267	Boron and lithium isotopes as groundwater tracers: a study at the Fresh Kills Landfill, Staten Island, New York, USA. Applied Geochemistry, 2003, 18, 615-627.	1.4	91
268	The source and transport of arsenic in a bedrock aquifer, New Hampshire, USA. Applied Geochemistry, 2003, 18, 1773-1787.	1.4	69
269	Oxygen, carbon, and strontium isotopic constraints on timing and sources of crustal fluids in an active orogen: South Island, New Zealand. New Zealand Journal of Geology, and Geophysics, 2003, 46, 457-471.	1.0	9
270	Relationship between mechanical erosion and atmospheric CO2 consumption in the New Zealand Southern Alps. Geology, 2003, 31, 865.	2.0	99

#	Article	IF	Citations
271	Nanoscale mineralogy of arsenic in a region of New Hampshire with elevated As-concentrations in the groundwater. American Mineralogist, 2003, 88, 1844-1852.	0.9	31
272	Algal blooms reduce the uptake of toxic methylmercury in freshwater food webs. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4419-4423.	3.3	352
273	Reconstructing the lives of fish using Sr isotopes in otoliths. Canadian Journal of Fisheries and Aquatic Sciences, 2002, 59, 925-929.	0.7	198
274	Ca/Sr and Sr isotope systematics of a Himalayan glacial chronosequence: carbonate versus silicate weathering rates as a function of landscape surface age. Geochimica Et Cosmochimica Acta, 2002, 66, 13-27.	1.6	95
275	Reconciling the elemental and Sr isotope composition of Himalayan weathering fluxes: insights from the carbonate geochemistry of stream waters. Geochimica Et Cosmochimica Acta, 2002, 66, 3417-3429.	1.6	164
276	Land use and geologic controls on the major elemental and isotopic (Î´15N and 87Sr/86Sr) geochemistry of the Connecticut River watershed, USA. Chemical Geology, 2002, 189, 19-34.	1.4	32
277	Nd and Pb isotope variability in the Indus River System: implications for sediment provenance and crustal heterogeneity in the Western Himalaya. Earth and Planetary Science Letters, 2002, 200, 91-106.	1.8	107
278	Ichthyolith strontium isotope stratigraphy of a Neogene red clay sequence: calibrating eolian dust accumulation rates in the central North Pacific. Earth and Planetary Science Letters, 2002, 202, 625-636.	1.8	37
279	Mycorrhizal weathering of apatite as an important calcium source in base-poor forest ecosystems. Nature, 2002, 417, 729-731.	13.7	349
280	Mercury abundances and isotopic compositions in the Murchison (CM) and Allende (CV) carbonaceous chondrites. Geochimica Et Cosmochimica Acta, 2001, 65, 2807-2818.	1.6	143
281	Determining the sources of calcium for migratory songbirds using stable strontium isotopes. Oecologia, 2001, 126, 569-574.	0.9	41
282	EGGSHELL CHARACTERISTICS AND CALCIUM DEMANDS OF A MIGRATORY SONGBIRD BREEDING IN TWO NEW ENGLAND FORESTS. The Wilson Bulletin, 2001, 113, 94-100.	0.5	10
283	Accumulation of heavy metals in food web components across a gradient of lakes. Limnology and Oceanography, 2000, 45, 1525-1536.	1.6	261
284	Ca/Sr and 87Sr/86Sr geochemistry of disseminated calcite in Himalayan silicate rocks from Nanga Parbat: Influence on river-water chemistry. Geology, 2000, 28, 463.	2.0	112
285	Title is missing!. Biogeochemistry, 2000, 49, 87-101.	1.7	229
286	Using natural strontium isotopic signatures as fish markers: methodology and application. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 2280-2292.	0.7	233
287	The dependence of labradorite dissolution and Sr isotope release rates on solution saturation state. Geochimica Et Cosmochimica Acta, 2000, 64, 2389-2400.	1.6	105
288	Kinetics of dissolution and Sr release during biotite and phlogopite weathering. Geochimica Et Cosmochimica Acta, 2000, 64, 1191-1208.	1.6	107

#	Article	IF	Citations
289	87 Sr/86 Sr as a tracer of groundwater discharge and precipitation recharge in the Glacial Lake Agassiz Peatlands, northern Minnesota. Water Resources Research, 2000, 36, 3701-3710.	1.7	30
290	Measurement of Low Levels of Arsenic Exposure: A Comparison of Water and Toenail Concentrations. American Journal of Epidemiology, 2000, 152, 84-90.	1.6	158
291	Ca/Sr and 87Sr/86Sr geochemistry of disseminated calcite in Himalayan silicate rocks from Nanga Parbat: Influence on river-water chemistry. Geology, 2000, 28, 463-466.	2.0	10
292	Trace Analyses of Arsenic in Drinking Water by Inductively Coupled Plasma Mass Spectrometry:Â High Resolution versus Hydride Generation. Analytical Chemistry, 1999, 71, 1408-1414.	3.2	154
293	Chemistry and mineralogy of a granitic, glacial soil chronosequence, Sierra Nevada Mountains, California. Chemical Geology, 1999, 162, 1-14.	1.4	31
294	Chemical weathering and lithologic controls of water chemistry in a high-elevation river system: Clark's Fork of the Yellowstone River, Wyoming and Montana. Water Resources Research, 1999, 35, 1643-1655.	1.7	64
295	Arsenic Occurrence in New Hampshire Drinking Water. Environmental Science & Technology, 1999, 33, 1328-1333.	4.6	138
296	Systematic Changes in Lead Isotopic Composition with Soil Age in Glacial Granitic Terrains. Geochimica Et Cosmochimica Acta, 1998, 62, 33-46.	1.6	78
297	Re-Os isotope systematics and weathering of Precambrian crustal rocks: implications for the marine osmium isotope record. Geochimica Et Cosmochimica Acta, 1998, 62, 3193-3203.	1.6	76
298	15N enrichment in agricultural catchments: field patterns and applications to tracking Atlantic salmon (Salmo salar). Chemical Geology, 1998, 147, 281-294.	1.4	141
299	Carbonate versus silicate weathering in the Raikhot watershed within the High Himalayan Crystalline Series. Geology, 1998, 26, 411.	2.0	317
300	UPb dating of Fe-rich phases using a sequential leaching method. Geochimica Et Cosmochimica Acta, 1997, 61, 1697-1703.	1.6	11
301	Rbî—¸Sr isotope systematics of a granitic soil chronosequence: The importance of biotite weathering. Geochimica Et Cosmochimica Acta, 1997, 61, 3193-3204.	1.6	205
302	Natural isotope markers in salmon. Nature, 1997, 387, 766-767.	13.7	167
303	Nd, Sr and O isotopic study of the petrogenesis of two syntectonic members of the New Hampshire Plutonic Series. Contributions To Mineralogy and Petrology, 1996, 124, 126-138.	1.2	21
304	A silicate weathering mechanism linking increases in marine 87Sr/ 86Sr with global glaciation. Nature, 1995, 373, 415-418.	13.7	175
305	Relation between soil age and silicate weathering rates determined from the chemical evolution of a glacial chronosequence. Geology, 1995, 23, 979.	2.0	177
306	THE IMPACT-FLOOD CONNECTION: DOES IT EXIST?. Terra Nova, 1994, 6, 644-650.	0.9	8

#	Article	IF	Citations
307	Lead isotope systematics of granitoid weathering. Geochimica Et Cosmochimica Acta, 1994, 58, 5299-5306.	1.6	92
308	Evidence for a meteoritic component in impact melt rock from the chicxulub structure. Geochimica Et Cosmochimica Acta, 1994, 58, 1679-1684.	1.6	59
309	Isotopic comparison of K/T boundary impact glass with melt rock from the Chicxulub and Manson impact structures. Nature, 1993, 364, 325-327.	13.7	91
310	Zircon can take the heat. Nature, 1993, 366, 718-718.	13.7	4
311	Determination of soil exchangeable-cation loss and weathering rates using Sr isotopes. Nature, 1993, 362, 438-441.	13.7	295
312	87Sr/86Sr ratios of sierra nevada stream waters: Implications for relative mineral weathering rates. Geochimica Et Cosmochimica Acta, 1993, 57, 5019-5025.	1.6	117
313	Neodymium and strontium isotopic study of Australasian tektites: New constraints on the provenance and age of target materials. Geochimica Et Cosmochimica Acta, 1992, 56, 483-492.	1.6	85
314	Resonance ionization mass spectrometry of sputtered osmium and rhenium atoms. Analytical Chemistry, 1990, 62, 209-214.	3.2	29
315	Insitu measurement of osmium concentrations in iron meteorites by resonance ionization of sputtered atoms. Geochimica Et Cosmochimica Acta, 1990, 54, 875-881.	1.6	16
316	Diffusion, phase equilibria and partitioning experiments in the Niî—,Feî—,Ru system. Geochimica Et Cosmochimica Acta, 1989, 53, 483-489.	1.6	17
317	Origin of opaque assemblages in C3V meteorites: Implications for nebular and planetary processes. Geochimica Et Cosmochimica Acta, 1989, 53, 543-556.	1.6	104
318	'Domestic' origin of opaque assemblages in refractory inclusions in meteorites. Nature, 1988, 331, 405-409.	13.7	111
319	Petrology of cogenetic silica-saturated and -oversaturated plutonic rocks in the Ruby geanticline of north-central Alaska. Canadian Journal of Earth Sciences, 1987, 24, 159-169.	0.6	22
320	A petrologic and Rbâ€"Sr isotopic study of intrusive rocks near Fairbanks, Alaska. Canadian Journal of Earth Sciences, 1985, 22, 1314-1321.	0.6	7