

Joel D Blum

List of Publications by Year in descending order

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Version: 2024-02-01

320
papers

17,873
citations

8159

76
h-index

15218

126
g-index

326
all docs

326
docs citations

326
times ranked

11358
citing authors

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

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 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 Hg ⁰ 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 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Update to Our Reader, Reviewer, and Author Communities”April 2020. ACS Synthetic Biology, 2020, 9, 979-980. | 1.9 | 0 |
| 56 | Update to Our Reader, Reviewer, and Author Communities”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 Communities”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 |

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

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 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 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 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 ^{10}Be delivery rate into eroding western US glacial deposits by comparing meteoric and in situ produced ^{10}Be 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 |

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

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

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 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. <i>Environmental Chemistry</i> , 2016, 13, 528. | 0.7 | 21 |
| 165 | Methylmercury degradation and exposure pathways in streams and wetlands impacted by historical mining. <i>Science of the Total Environment</i> , 2016, 568, 1192-1203. | 3.9 | 23 |
| 166 | Hydrologic indicators of hot spots and hot moments of mercury methylation potential along river corridors. <i>Science of the Total Environment</i> , 2016, 568, 697-711. | 3.9 | 48 |
| 167 | Fine root biomass declined in response to restoration of soil calcium in a northern hardwood forest. <i>Canadian Journal of Forest Research</i> , 2016, 46, 738-744. | 0.8 | 20 |
| 168 | Benefits of Regulating Hazardous Air Pollutants from Coal and Oil-Fired Utilities in the United States. <i>Environmental Science & Technology</i> , 2016, 50, 2117-2120. | 4.6 | 35 |
| 169 | Isotopic Composition of Inorganic Mercury and Methylmercury Downstream of a Historical Gold Mining Region. <i>Environmental Science & Technology</i> , 2016, 50, 1691-1702. | 4.6 | 50 |
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| 314 | Resonance ionization mass spectrometry of sputtered osmium and rhenium atoms. <i>Analytical Chemistry</i> , 1990, 62, 209-214. | 3.2 | 29 |
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