

Edward A Boyle

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,596
citations

136950

32
h-index

175258

52
g-index

59
all docs

59
docs citations

59
times ranked

3258
citing authors

#	ARTICLE	IF	CITATIONS
1	Monsoonal variations of lead (Pb) in coastal waters around Singapore. <i>Marine Pollution Bulletin</i> , 2022, 179, 113654.	5.0	4
2	Trivalent chromium isotopes in the eastern tropical North Pacific oxygen-deficient zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	21
3	Lead and lead isotopes in the U.S. GEOTRACES East Pacific zonal transect (GEOTRACES GP16). <i>Marine Chemistry</i> , 2020, 227, 103892.	2.3	14
4	A Lagrangian View of Trace Elements and Isotopes in the North Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015862.	2.6	2
5	Investigating the cycling of chromium in the oxygen deficient waters of the Eastern Tropical North Pacific Ocean and the Santa Barbara Basin using stable isotopes. <i>Marine Chemistry</i> , 2020, 221, 103756.	2.3	22
6	Sources, fluxes and residence times of trace elements measured during the U.S. GEOTRACES East Pacific Zonal Transect. <i>Marine Chemistry</i> , 2020, 222, 103781.	2.3	15
7	Determination of accurate and precise chromium isotope ratios in seawater samples by MC-ICP-MS illustrated by analysis of SAFe Station in the North Pacific Ocean. <i>Chemical Geology</i> , 2019, 511, 481-493.	3.3	43
8	An update of the Pb isotope inventory in post leaded-petrol Singapore environments. <i>Environmental Pollution</i> , 2018, 233, 925-932.	7.5	17
9	Trace-Metal Contaminants: Human Footprint on the Ocean. <i>Elements</i> , 2018, 14, 403-408.	0.5	19
10	Introduction to the French GEOTRACES North Atlantic Transect (GA01): GEOVIDE cruise. <i>Biogeosciences</i> , 2018, 15, 7097-7109.	3.3	10
11	Dissolved Pb and Pb isotopes in the North Atlantic from the GEOVIDE transect (GEOTRACES GA-01) and their decadal evolution. <i>Biogeosciences</i> , 2018, 15, 4995-5014.	3.3	19
12	The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018, 493, 210-223.	3.3	257
13	The transfer of bomb radiocarbon and anthropogenic lead to the deep North Atlantic Ocean observed from a deep sea coral. <i>Earth and Planetary Science Letters</i> , 2017, 458, 223-232.	4.4	22
14	Thorium distributions in highâ€•and lowâ€•dust regions and the significance for iron supply. <i>Global Biogeochemical Cycles</i> , 2017, 31, 328-347.	4.9	18
15	Nitrogen pollution knows no bounds. <i>Science</i> , 2017, 356, 700-701.	12.6	52
16	Lead in the western South China Sea: Evidence of atmospheric deposition and upwelling. <i>Geophysical Research Letters</i> , 2016, 43, 4490-4499.	4.0	18
17	Dissolved iron and iron isotopes in the southeastern Pacific Ocean. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1372-1395.	4.9	41
18	Lead isotope exchange between dissolved and fluvial particulate matter: a laboratory study from the Johor River estuary. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20160054.	3.4	21

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19	A century long sedimentary record of anthropogenic lead (Pb), Pb isotopes and other trace metals in Singapore. <i>Environmental Pollution</i> , 2016, 213, 446-459.	7.5	49
20	Dynamic variability of dissolved Pb and Pb isotope composition from the U.S. North Atlantic GEOTRACES transect. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 208-225.	1.4	58
21	Impact of anthropogenic Pb and ocean circulation on the recent distribution of Pb isotopes in the Indian Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 170, 126-144.	3.9	35
22	The composition of dissolved iron in the dusty surface ocean: An exploration using size-fractionated iron-binding ligands. <i>Marine Chemistry</i> , 2015, 173, 125-135.	2.3	43
23	Partitioning of dissolved iron and iron isotopes into soluble and colloidal phases along the GA03 GEOTRACES North Atlantic Transect. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 130-151.	1.4	95
24	Thorium isotopes tracing the iron cycle at the Hawaii Ocean Time-series Station ALOHA. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 169, 1-16.	3.9	55
25	Daily to decadal variability of size-fractionated iron and iron-binding ligands at the Hawaii Ocean Time-series Station ALOHA. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 171, 303-324.	3.9	63
26	Isotopic record of lead in Singapore Straits during the last 50 years: Spatial and temporal variations. <i>Marine Chemistry</i> , 2015, 168, 49-59.	2.3	24
27	Assessment and comparison of Anopore and cross flow filtration methods for the determination of dissolved iron size fractionation into soluble and colloidal phases in seawater. <i>Limnology and Oceanography: Methods</i> , 2014, 12, 246-263.	2.0	28
28	Distal transport of dissolved hydrothermal iron in the deep South Pacific Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16654-16661.	7.1	134
29	Recent distribution of lead in the Indian Ocean reflects the impact of regional emissions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15328-15331.	7.1	39
30	Both soluble and colloidal iron phases control dissolved iron variability in the tropical North Atlantic Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 125, 539-550.	3.9	45
31	Coral-based history of lead and lead isotopes of the surface Indian Ocean since the mid-20th century. <i>Earth and Planetary Science Letters</i> , 2014, 398, 37-47.	4.4	65
32	Dissolved iron in the tropical North Atlantic Ocean. <i>Marine Chemistry</i> , 2013, 154, 87-99.	2.3	50
33	GEOTRACES IC1 (BATS) contamination-prone trace element isotopes Cd, Fe, Pb, Zn, Cu, and Mo intercalibration. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 653-665.	2.0	98
34	An intercalibration between the GEOTRACES GO-FLO and the MITESS/Vanes sampling systems for dissolved iron concentration analyses (and a closer look at adsorption effects). <i>Limnology and Oceanography: Methods</i> , 2012, 10, 437-450.	2.0	29
35	Analysis of trace metals (Cu, Cd, Pb, and Fe) in seawater using single batch nitrilotriacetate resin extraction and isotope dilution inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2011, 686, 93-101.	5.4	120
36	Isotopic evidence for the source of lead in the North Pacific abyssal water. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4629-4638.	3.9	58

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37	Lead concentrations and isotopes in corals and water near Bermuda, 1780–2000. <i>Earth and Planetary Science Letters</i> , 2009, 283, 93-100.	4.4	107
38	Did North Atlantic overturning halt 17,000 years ago?. <i>Paleoceanography</i> , 2008, 23, .	3.0	62
39	OCEANOGRAPHY: A Direct Proxy for Oceanic Phosphorus?. <i>Science</i> , 2006, 312, 1758-1759.	12.6	4
40	Iron, manganese, and lead at Hawaii Ocean Time-series station ALOHA: Temporal variability and an intermediate water hydrothermal plume. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 933-952.	3.9	217
41	Spatial and temporal evolution of lead isotope ratios in the North Atlantic Ocean between 1981 and 1989. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	30
42	Lead isotope analysis of marine carbonates and seawater by multiple collector ICP-MS. <i>Chemical Geology</i> , 2003, 200, 137-153.	3.3	76
43	MITESS: a moored in situ trace element serial sampler for deep-sea moorings. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002, 49, 2103-2118.	1.4	64
44	Determination of iron in seawater by high-resolution isotope dilution inductively coupled plasma mass spectrometry after Mg(OH) ₂ coprecipitation. <i>Analytica Chimica Acta</i> , 1998, 367, 183-191.	5.4	207
45	Low Blank Preconcentration Technique for the Determination of Lead, Copper, and Cadmium in Small-Volume Seawater Samples by Isotope Dilution ICPMS. <i>Analytical Chemistry</i> , 1997, 69, 2464-2470.	6.5	299
46	Lead in the western North Atlantic Ocean: Completed response to leaded gasoline phaseout. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 3279-3283.	3.9	163
47	Isotopic equilibration between dissolved and suspended particulate lead in the Atlantic Ocean: Evidence from ²¹⁰ Pb and stable Pb isotopes. <i>Journal of Geophysical Research</i> , 1992, 97, 11257-11268.	3.3	76
48	Trace elements in the Mississippi River Delta outflow region: Behavior at high discharge. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 3241-3251.	3.9	149
49	Thermocline ventilation of anthropogenic lead in the western North Atlantic. <i>Journal of Geophysical Research</i> , 1988, 93, 15715-15732.	3.3	64
50	On the distribution of copper, nickel, and cadmium in the surface waters of the North Atlantic and North Pacific Ocean. <i>Journal of Geophysical Research</i> , 1981, 86, 8048-8066.	3.3	227