

William A Maher

List of Publications by Year in descending order

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153
papers

4,230
citations

94269

37
h-index

155451

55
g-index

153
all docs

153
docs citations

153
times ranked

4256
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of metal bioaccumulation in crop types and consumable parts between two growth periods. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 1056-1071.	1.6	6
2	Sensitivity of Freshwater Australian Bass (<i>Macquaria novemaculeata</i>) and Silver Perch (<i>Bidyanus</i>) to contaminants. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 621-636.	2.1	4
3	A pilot in vivo evaluation of Sb(III) and Sb(V) genotoxicity using comet assay and micronucleus test on the freshwater fish, silver perch <i>Bidyanus bidyanus</i> (Mitchell, 1838). <i>Environmental Advances</i> , 2021, 5, 100109.	2.2	8
4	The Response of the Planorbid Snail <i>Isidorella newcombi</i> to Chronic Copper Exposure Over a 28-Day Period: Linking Mortality, Cellular Biomarkers, and Reproductive Responses. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 391-405.	2.1	1
5	Mercury cycling in Australian estuaries and near shore coastal ecosystems: Triggers for management. <i>Elementa</i> , 2020, 8, .	1.1	4
6	The spatial legacy of Australian mercury contamination in the sediment of the Molonglo River. <i>Elementa</i> , 2020, 8, .	1.1	4
7	Transformation of arsenic lipids in decomposing <i>Ecklonia radiata</i> . <i>Journal of Applied Phycology</i> , 2019, 31, 3979-3987.	1.5	5
8	The use of zirconium stationary phase to determine the four major arsenoriboses concentrations in marine organisms by high-performance liquid chromatography coupled to inductively coupled plasma-mass spectrometry. <i>Microchemical Journal</i> , 2019, 150, 104099.	2.3	0
9	Putting the silicon cycle in a bag: Field and mesocosm observations of silicon isotope fractionation in subtropical waters east of New Zealand. <i>Marine Chemistry</i> , 2019, 213, 1-12.	0.9	7
10	Metal concentrations in waters, sediments and biota of the far south-east coast of New South Wales, Australia, with an emphasis on Sn, Cu and Zn used as marine antifoulant agents. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1351-1367.	1.8	12
11	How significant is atmospheric metal contamination from mining activity adjacent to the Tasmanian Wilderness World Heritage Area? A spatial analysis of metal concentrations using air trajectories models. <i>Science of the Total Environment</i> , 2019, 656, 250-260.	3.9	19
12	Seasonal Bioenergetic Changes in <i>Saccostrea glomerata</i> from Two Age Cohorts Farmed in Clyde River, Nsw, Australia. <i>Journal of Shellfish Research</i> , 2019, 38, 327.	0.3	0
13	Near infra-red spectroscopy quantitative modelling of bivalve protein, lipid and glycogen composition using single-species versus multi-species calibration and validation sets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 537-557.	2.0	10
14	Insights Into the Biogeochemical Cycling of Iron, Nitrate, and Phosphate Across a 5,300 km South Pacific Zonal Section (153°E–150°W). <i>Global Biogeochemical Cycles</i> , 2018, 32, 187-207.	1.9	31
15	Trophic transfer of metals in a seagrass food web: Bioaccumulation of essential and non-essential metals. <i>Marine Pollution Bulletin</i> , 2018, 131, 468-480.	2.3	32
16	Mercury and risk assessment from consumption of crustaceans, cephalopods and fish from West Peninsular Malaysia. <i>Microchemical Journal</i> , 2018, 140, 214-221.	2.3	51
17	Antimony measurements in environmental matrices: seven considerations. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 706-712.	1.6	13
18	Arsenolipid biosynthesis by the unicellular alga <i>Dunaliella tertiolecta</i> is influenced by As/P ratio in culture experiments. <i>Metallomics</i> , 2018, 10, 145-153.	1.0	20

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19	Arsenic concentrations and speciation in Australian and imported rice and commercial rice products. <i>Environmental Chemistry</i> , 2018, 15, 387.	0.7	9
20	Field and laboratory evaluation of DGT for predicting metal bioaccumulation and toxicity in the freshwater bivalve <i>Hyridella australis</i> exposed to contaminated sediments. <i>Environmental Pollution</i> , 2018, 243, 862-871.	3.7	25
21	Band width selection data from Near Infra-red Spectral (NIRS) quantitative modelling of energy storage components (protein, lipid, glycogen) for single and multi-bivalve species models. <i>Data in Brief</i> , 2018, 18, 1509-1512.	0.5	0
22	Ecological factors affecting the accumulation and speciation of arsenic in twelve Australian coastal bivalve molluscs. <i>Environmental Chemistry</i> , 2018, 15, 46.	0.7	19
23	Factors influencing arsenic concentrations and species in mangrove surface sediments from south-east NSW, Australia. <i>Environmental Geochemistry and Health</i> , 2017, 39, 209-219.	1.8	9
24	The response of <i>Isidorella newcombi</i> to copper exposure: Using an integrated biological framework to interpret transcriptomic responses from RNA-seq analysis. <i>Aquatic Toxicology</i> , 2017, 185, 183-192.	1.9	8
25	Measurement of As species in rice by HPLC-ICPMS after extraction with sub-critical water and hydrogen peroxide. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1129-1134.	1.6	9
26	Dimethylarsenate (DMA) exposure influences germination rates, arsenic uptake and arsenic species formation in wheat. <i>Chemosphere</i> , 2017, 181, 44-54.	4.2	31
27	Effects of iron limitation on silicon uptake kinetics and elemental stoichiometry in two Southern Ocean diatoms, <i>Eucampia antarctica</i> and <i>Proboscia inermis</i> , and the temperate diatom <i>Thalassiosira pseudonana</i> . <i>Limnology and Oceanography</i> , 2017, 62, 2445-2462.	1.6	15
28	Exposure of the freshwater bivalve <i>Hyridella australis</i> to metal contaminated sediments in the field and laboratory microcosms: metal uptake and effects. <i>Ecotoxicology</i> , 2017, 26, 415-434.	1.1	13
29	Bioaccumulation, oxidative stress and cellular damage in the intertidal gastropod <i>Bembicium nanum</i> exposed to a metal contamination gradient. <i>Marine and Freshwater Research</i> , 2017, 68, 922.	0.7	8
30	Mortality, condition index and cellular responses of <i>Anadara trapezia</i> to combined salinity and temperature stress. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 497, 172-179.	0.7	23
31	Stratigraphy, age and correlation of two widespread Late Holocene tephras preserved within Lake Kutubu, Southern Highlands Province, Papua New Guinea. <i>Journal of Quaternary Science</i> , 2017, 32, 782-794.	1.1	8
32	The freshwater bivalve <i>Corbicula australis</i> as a sentinel species for metal toxicity assessment: An in situ case study integrating chemical and biomarker analyses. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 709-719.	2.2	18
33	Selenium speciation in wheat grain varies in the presence of nitrogen and sulphur fertilisers. <i>Environmental Geochemistry and Health</i> , 2017, 39, 955-966.	1.8	43
34	Experimental evaluation of sampling, storage and analytical protocols for measuring arsenic speciation in sulphidic hot spring waters. <i>Microchemical Journal</i> , 2017, 130, 162-167.	2.3	16
35	Application of Carbon Nanotubes in Chiral and Achiral Separations of Pharmaceuticals, Biologics and Chemicals. <i>Nanomaterials</i> , 2017, 7, 186.	1.9	29
36	Iron Availability Influences Silicon Isotope Fractionation in Two Southern Ocean Diatoms (<i>Proboscia</i>) <i>Tj ETQqO O O rgBT /Overlock 10 Tf</i> <i>Marine Science</i> , 2017, 4, .	1.2	10

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37	Stable isotope analysis to detect copper (Cu) accumulation in species with high endogenous Cu concentrations: linking Cu accumulation with toxic effects in the gastropod <i>Bembicium nanum</i> . <i>Marine and Freshwater Research</i> , 2017, 68, 2087.	0.7	1
38	Measurement of selenomethionine and selenocysteine in fish tissues using HPLC-ICP-MS. <i>Microchemical Journal</i> , 2016, 128, 248-257.	2.3	38
39	History of human impact on Lake Kutubu, Papua New Guinea: The geochemical signatures of oil and gas mining activities in sediments. <i>Chemosphere</i> , 2016, 148, 369-379.	4.2	8
40	Sediment Metal Concentration Survey Along the Mine-Affected Molonglo River, NSW, Australia. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 572-582.	2.1	13
41	Inorganic Arsenic Concentrations in Wheat Chaff Exceed Those in Wheat Grain. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	1
42	Evaluation of the ability of arsenic species to traverse cell membranes by simple diffusion using octanol/water and liposome/water partition coefficients. <i>Journal of Environmental Sciences</i> , 2016, 49, 222-232.	3.2	11
43	Developing a sentinel mollusc species for toxicity assessment: metal exposure, dose and response – laboratory v. field exposures and resident organisms. <i>Environmental Chemistry</i> , 2016, 13, 434.	0.7	12
44	Arsenobetaine and thio-arsenic species in marine macroalgae and herbivorous animals: Accumulated through trophic transfer or produced in situ ?. <i>Journal of Environmental Sciences</i> , 2016, 49, 131-139.	3.2	39
45	Bioaccessibility and degradation of naturally occurring arsenic species from food in the human gastrointestinal tract. <i>Food Chemistry</i> , 2016, 212, 189-197.	4.2	61
46	Transport and fate of metal contamination in estuaries: Using a model network to predict the contributions of physical and chemical factors. <i>Chemosphere</i> , 2016, 153, 227-236.	4.2	7
47	Volatile selenium fluxes from selenium-contaminated sediments in an Australian coastal lake. <i>Environmental Chemistry</i> , 2016, 13, 68.	0.7	9
48	Mercury concentrations in different tissues of turtle and caiman species from the Rio Purus, Amazonas, Brazil. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2771-2781.	2.2	32
49	Measurement of arsenic species in environmental, biological fluids and food samples by HPLC-ICPMS and HPLC-HG-AFS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 2129-2183.	1.6	52
50	Ecotoxicological Effects of an Arsenic Remediation Method on Three Freshwater Organisms – <i>Lemna disperma</i> , <i>Chlorella</i> sp. CE-35 and <i>Ceriodaphnia</i> cf. <i>dubia</i> . <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	1
51	Effects of cadmium accumulation from suspended sediments and phytoplankton on the Oyster <i>Saccostrea glomerata</i> . <i>Aquatic Toxicology</i> , 2015, 160, 22-30.	1.9	16
52	Importance of Subcellular Metal Partitioning and Kinetics to Predicting Sublethal Effects of Copper in Two Deposit-Feeding Organisms. <i>Environmental Science & Technology</i> , 2015, 49, 1806-1814.	4.6	38
53	Measurement of mercury species in sediments and soils by HPLC-ICPMS. <i>Microchemical Journal</i> , 2015, 121, 65-98.	2.3	42
54	Modeling food web structure and selenium biomagnification in lake macquarie, New South Wales, Australia, using stable carbon and nitrogen isotopes. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 608-617.	2.2	19

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55	Selenopeptides and elemental selenium in <i>Thunbergia alata</i> after exposure to selenite: quantification method for elemental selenium. <i>Metallomics</i> , 2015, 7, 1056-1066.	1.0	21
56	History of metal contamination in Lake Illawarra, NSW, Australia. <i>Chemosphere</i> , 2015, 119, 377-386.	4.2	13
57	The formation and fate of organoarsenic species in marine ecosystems: do existing experimental approaches appropriately simulate ecosystem complexity?. <i>Environmental Chemistry</i> , 2015, 12, 149.	0.7	13
58	Contribution of Arsenic Species in Unicellular Algae to the Cycling of Arsenic in Marine Ecosystems. <i>Environmental Science & Technology</i> , 2015, 49, 33-50.	4.6	87
59	An evaluation of the use of reptile dermal scutes as a non-invasive method to monitor mercury concentrations in the environment. <i>Chemosphere</i> , 2015, 119, 163-170.	4.2	35
60	Microbial contributions to coupled arsenic and sulfur cycling in the acid-sulfide hot spring Champagne Pool, New Zealand. <i>Frontiers in Microbiology</i> , 2014, 5, 569.	1.5	32
61	The degradation of arsenoribosides from <i>Ecklonia radiata</i> tissues decomposed in natural and microbially manipulated microcosms. <i>Environmental Chemistry</i> , 2014, 11, 289.	0.7	10
62	Exposure-dose-response of <i>Tellina deltoidalis</i> to metal contaminated estuarine sediments 2. Lead spiked sediments. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 159, 52-61.	1.3	6
63	Total arsenic concentrations and arsenic species present in naturally decomposing <i>Ecklonia radiata</i> tissues collected from various marine habitats. <i>Journal of Applied Phycology</i> , 2014, 26, 2193-2201.	1.5	9
64	The influence of bacteria on the arsenic species produced by laboratory cultures of the marine phytoplankton <i>Dunaliella tertiolecta</i> . <i>Journal of Applied Phycology</i> , 2014, 26, 2129-2134.	1.5	17
65	Effects of lead-spiked sediments on freshwater bivalve, <i>Hyridella australis</i> : linking organism metal exposure-dose-response. <i>Aquatic Toxicology</i> , 2014, 149, 83-93.	1.9	27
66	Response of the hairy mussel <i>Trichomya hirsuta</i> to sediment-metal contamination in the presence of a bioturbator. <i>Marine Pollution Bulletin</i> , 2014, 88, 180-187.	2.3	5
67	Exposure-dose-response of <i>Tellina deltoidalis</i> to contaminated estuarine sediments 3. Selenium spiked sediments. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 166, 34-43.	1.3	5
68	Bioavailability and toxicity of zinc from contaminated freshwater sediments: Linking exposure-dose-response relationships of the freshwater bivalve <i>Hyridella australis</i> to zinc-spiked sediments. <i>Aquatic Toxicology</i> , 2014, 156, 179-190.	1.9	21
69	Arsenoriboside degradation in marine systems: The use of bacteria culture incubation experiments as model systems. <i>Chemosphere</i> , 2014, 95, 635-638.	4.2	9
70	Exposure-dose-response relationships of the freshwater bivalve <i>Hyridella australis</i> to cadmium spiked sediments. <i>Aquatic Toxicology</i> , 2014, 152, 361-371.	1.9	10
71	Recent history of sediment metal contamination in Lake Macquarie, Australia, and an assessment of ash handling procedure effectiveness in mitigating metal contamination from coal-fired power stations. <i>Science of the Total Environment</i> , 2014, 490, 659-670.	3.9	30
72	Toxicity of arsenic species to three freshwater organisms and biotransformation of inorganic arsenic by freshwater phytoplankton (<i>Chlorella</i> sp. CE-35). <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 126-135.	2.9	64

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73	The influence of arsenate and phosphate exposure on arsenic uptake, metabolism and species formation in the marine phytoplankton <i>Dunaliella tertiolecta</i> . <i>Marine Chemistry</i> , 2013, 157, 78-85.	0.9	49
74	Exposure-dose-response of <i>Tellina deltoidalis</i> to metal-contaminated estuarine sediments. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 158, 44-55.	1.3	11
75	Measurement of Inorganic Arsenic Species in Rice after Nitric Acid Extraction by HPLC-ICPMS: Verification Using XANES. <i>Environmental Science & Technology</i> , 2013, 47, 5821-5827.	4.6	68
76	Influence of culture regime on arsenic cycling by the marine phytoplankton <i>Dunaliella tertiolecta</i> and <i>Thalassiosira pseudonana</i> . <i>Environmental Chemistry</i> , 2013, 10, 91.	0.7	30
77	Do laboratory toxicity tests replicate "real world" exposures?. <i>Integrated Environmental Assessment and Management</i> , 2013, 9, 348-349.	1.6	2
78	Exposure-dose-response of <i>Anadara trapezia</i> to metal contaminated estuarine sediments. <i>Aquatic Toxicology</i> , 2012, 124-125, 152-162.	1.9	10
79	Exposure-dose-response of <i>Anadara trapezia</i> to metal contaminated estuarine sediments. 1. Cadmium spiked sediments. <i>Aquatic Toxicology</i> , 2012, 109, 234-242.	1.9	27
80	Exposure-dose-response of <i>Anadara trapezia</i> to metal contaminated estuarine sediments. 2. Lead spiked sediments. <i>Aquatic Toxicology</i> , 2012, 116-117, 79-89.	1.9	32
81	Overview of hyphenated techniques using an ICP-MS detector with an emphasis on extraction techniques for measurement of metalloids by HPLC-ICPMS. <i>Microchemical Journal</i> , 2012, 105, 15-31.	2.3	49
82	Sponges as sentinels: Patterns of spatial and intra-individual variation in trace metal concentration. <i>Marine Pollution Bulletin</i> , 2012, 64, 80-89.	2.3	45
83	Arsenic toxicity in a sediment-dwelling polychaete: detoxification and arsenic metabolism. <i>Ecotoxicology</i> , 2012, 21, 576-590.	1.1	28
84	Measurement of methyl mercury (I) and mercury (II) in fish tissues and sediments by HPLC-ICPMS and HPLC-HGAAS. <i>Talanta</i> , 2011, 85, 49-55.	2.9	55
85	Arsenic distribution and species in two <i>Zostera capricorni</i> seagrass ecosystems, New South Wales, Australia. <i>Environmental Chemistry</i> , 2011, 8, 9.	0.7	42
86	Recolonisation of translocated metal-contaminated sediments by estuarine macrobenthic assemblages. <i>Ecotoxicology</i> , 2011, 20, 706-718.	1.1	16
87	Uptake and metabolism of arsenate, methylarsonate and arsenobetaine by axenic cultures of the phytoplankton <i>Dunaliella tertiolecta</i> . <i>Botanica Marina</i> , 2010, 53, 377-386.	0.6	36
88	Glacial Silicic Acid Concentrations in the Southern Ocean. <i>Science</i> , 2010, 330, 1088-1091.	6.0	43
89	Oceanic distribution of inorganic germanium relative to silicon: Germanium discrimination by diatoms. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	1.9	34
90	Silicon isotopic fractionation in marine sponges: A new model for understanding silicon isotopic variations in sponges. <i>Earth and Planetary Science Letters</i> , 2010, 292, 281-289.	1.8	79

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91	Benthic sediment composition and nutrient cycling in an Intermittently Closed and Open Lake Lagoon. <i>Journal of Marine Systems</i> , 2009, 75, 33-45.	0.9	16
92	Bioaccumulation of antimony and arsenic in a highly contaminated stream adjacent to the Hillgrove Mine, NSW, Australia. <i>Environmental Chemistry</i> , 2009, 6, 133.	0.7	111
93	Antimony in the environment - the new global puzzle. <i>Environmental Chemistry</i> , 2009, 6, 93.	0.7	38
94	The role of speciation in environmental chemistry and the case for quality criteria. <i>Environmental Chemistry</i> , 2009, 6, 273.	0.7	3
95	Uptake and metabolism of arsenate by anoxic cultures of the microalgae <i>Dunaliella tertiolecta</i> and <i>Phaeodactylum tricornutum</i> . <i>Marine Chemistry</i> , 2008, 108, 172-183.	0.9	82
96	Changes in proportions of arsenic species within an <i>Ecklonia radiata</i> food chain. <i>Environmental Chemistry</i> , 2008, 5, 176.	0.7	32
97	A microwave-assisted sequential extraction of water and dilute acid soluble arsenic species from marine plant and animal tissues. <i>Talanta</i> , 2007, 71, 537-549.	2.9	106
98	The accumulation of Zn, Se, Cd, and Pb and physiological condition of <i>Anadara trapezia</i> transplanted to a contamination gradient in Lake Macquarie, New South Wales, Australia. <i>Marine Environmental Research</i> , 2007, 64, 54-78.	1.1	37
99	Riparian Plant Material Inputs to the Murray River, Australia. <i>Journal of Environmental Quality</i> , 2007, 36, 963-974.	1.0	15
100	Arsenic and selected elements in marine angiosperms, south-east coast, NSW, Australia. <i>Applied Organometallic Chemistry</i> , 2007, 21, 381-395.	1.7	21
101	Arsenic and selected elements in inter-tidal and estuarine marine algae, south-east coast, NSW, Australia. <i>Applied Organometallic Chemistry</i> , 2007, 21, 396-411.	1.7	55
102	ESTABLISHING CAUSE-EFFECT RELATIONSHIPS IN HYDROCARBON-CONTAMINATED SEDIMENTS USING A SUBLETHAL RESPONSE OF THE BENTHIC MARINE ALGA, <i>ENTOMONEIS CF PUNCTULATA</i> . <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 163.	2.2	13
103	Trace metal bioaccumulation in eight common coastal Australian polychaeta. <i>Journal of Environmental Monitoring</i> , 2006, 8, 1149.	2.1	13
104	The Use of Two Marine Gastropods, <i>Austrocochlea constricta</i> and <i>Bembicium auratum</i> , as Biomonitor of Zinc, Cadmium, and Copper Exposure: Effect of Tissue Distribution, Gender, Reproductive State, and Temporal Variation. <i>Journal of Coastal Research</i> , 2006, 222, 298-306.	0.1	15
105	Germanium incorporation into sponge spicules: Development of a proxy for reconstructing inorganic germanium and silicon concentrations in seawater. <i>Earth and Planetary Science Letters</i> , 2006, 243, 749-759.	1.8	30
106	Product ion mass spectra of amphetamine-type substances, designer analogues, and ketamine using ultra-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2259-2264.	0.7	19
107	A comparison of atmospheric pressure chemical ionization and electrospray ionization in testing for amphetamine-type substances and ketamine using ultra-performance liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2777-2780.	0.7	5
108	A demonstration of the use of ultra-performance liquid chromatography-mass spectrometry [UPLC/MS] in the determination of amphetamine-type substances and ketamine for forensic and toxicological analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 836, 111-115.	1.2	89

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109	Ecological Effects of Serial Impoundment on the Cotter River, Australia. <i>Hydrobiologia</i> , 2006, 572, 255-273.	1.0	47
110	Arsenic Species in a Rocky Intertidal Marine Food Chain in NSW, Australia, revisited. <i>Environmental Chemistry</i> , 2006, 3, 304.	0.7	36
111	Occurrence and Speciation of Arsenic in Common Australian Coastal Polychaete Species. <i>Environmental Chemistry</i> , 2005, 2, 108.	0.7	16
112	TOXICITY, BIOTRANSFORMATION, AND MODE OF ACTION OF ARSENIC IN TWO FRESHWATER MICROALGAE (CHLORELLA SP. AND MONORAPHIDIUM ARCUATUM). <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2630.	2.2	179
113	Arsenic bioaccumulation and species in marine polychaeta. <i>Applied Organometallic Chemistry</i> , 2005, 19, 917-929.	1.7	45
114	The use of the oyster <i>Saccostrea glomerata</i> as a biomonitor of trace metal contamination: intra-sample, local scale and temporal variability and its implications for biomonitoring. <i>Journal of Environmental Monitoring</i> , 2005, 7, 208.	2.1	37
115	Distribution and Speciation of Arsenic in Temperate Marine Saltmarsh Ecosystems. <i>Environmental Chemistry</i> , 2005, 2, 177.	0.7	28
116	Selenium accumulation in the cockle <i>Anadara trapezia</i> . <i>Environmental Pollution</i> , 2004, 132, 203-212.	3.7	16
117	Arsenic Species Determination in Biological Tissues by HPLC - ICP - MS and HPLC - HG - ICP - MS. <i>Australian Journal of Chemistry</i> , 2004, 57, 957.	0.5	51
118	Mercury Cycling in Lake Gordon and Lake Pedder, Tasmania (Australia). I: In-lake Processes. <i>Water, Air, and Soil Pollution</i> , 2003, 147, 3-23.	1.1	9
119	Mercury Cycling in Lake Gordon and Lake Pedder, Tasmania (Australia). II: Catchment Processes. <i>Water, Air, and Soil Pollution</i> , 2003, 147, 25-38.	1.1	14
120	Measurement of arsenic species in marine sediments by high-performance liquid chromatography-inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2003, 477, 279-291.	2.6	66
121	Germanium cycling in the waters across a frontal zone: the Chatham Rise, New Zealand. <i>Marine Chemistry</i> , 2003, 80, 145-159.	0.9	23
122	Measurement of Trace Elements in Marine Environmental Samples using Solution ICPMS. Current and Future Applications. <i>Australian Journal of Chemistry</i> , 2003, 56, 103.	0.5	40
123	Invertebrate biomarkers: links to toxicosis that predict population decline. <i>Ecotoxicology and Environmental Safety</i> , 2003, 54, 366-374.	2.9	206
124	Occurrence and chemical form of arsenic in marine macroalgae from the east coast of Australia. <i>Marine and Freshwater Research</i> , 2002, 53, 971.	0.7	55
125	Mercury speciation in waters and sediments of Lake Murray, Papua New Guinea. <i>Marine and Freshwater Research</i> , 2002, 53, 825.	0.7	7
126	Arsenic and antimony species in surface transects and depth profiles across a frontal zone: The Chatham Rise, New Zealand. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002, 49, 1971-1981.	0.6	31

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127	An automated hydride generation-cryogenic trapping-ICP-MS system for measuring inorganic and methylated Ge, Sb and As species in marine and fresh waters. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 197-203.	1.6	48
128	Speciation of volatile antimony compounds in culture headspace gases of <i>Cryptococcus humicola</i> using solid phase microextraction and gas chromatography-mass spectrometry. <i>Applied Organometallic Chemistry</i> , 2002, 16, 287-293.	1.7	43
129	Measurement of arsenic species in marine macroalgae by microwave-assisted extraction and high performance liquid chromatography-inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2002, 457, 173-185.	2.6	72
130	Bioaccumulation and biomagnification of mercury in Lake Murray, Papua New Guinea. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2001, 58, 888-897.	0.7	126
131	Problems with the use of terracotta clay saucers as phosphorus-diffusing substrata to assess nutrient limitation of epilithic algae. <i>Freshwater Biology</i> , 2001, 46, 623-632.	1.2	10
132	Use of electricity to inhibit macroinvertebrate grazing of epilithon in experimental treatments in flowing waters. <i>Journal of the North American Benthological Society</i> , 2000, 19, 176-185.	3.0	18
133	Determination of arsenic in arsenic compounds and marine biological tissues using low volume microwave digestion and electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 1193-1207.	1.6	49
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