Philipp Hess

List of Publications by Year in descending order

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139 papers	5,621 citations	61984 43 h-index	98798 67 g-index
151 all docs	151 docs citations	151 times ranked	3073 citing authors

#	Article	IF	Citations
1	Marine harmful algal blooms, human health and wellbeing: challenges and opportunities in the 21st century. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 61-91.	0.8	331
2	Hydrophilic interaction liquid chromatographyâ€“mass spectrometry for the analysis of paralytic shellfish poisoning (PSP) toxins. Journal of Chromatography A, 2005, 1081, 190-201.	3.7	246
3	Human Health and Ocean Pollution. Annals of Global Health, 2020, 86, 151.	2.0	240
4	Azaspiracid Shellfish Poisoning: A Review on the Chemistry, Ecology, and Toxicology with an Emphasis on Human Health Impacts. Marine Drugs, 2008, 6, 39-72.	4.6	197
5	Relative toxicity of dinophysistoxin-2 (DTX-2) compared with okadaic acid, based on acute intraperitoneal toxicity in mice. Toxicon, 2007, 49, 1-7.	1.6	107
6	Development of an ultra-performance liquid chromatographyâ€“mass spectrometry method for the detection of lipophilic marine toxins. Journal of Chromatography A, 2007, 1157, 273-280.	3.7	106
7	Cytotoxic and cytoskeletal effects of azaspiracid-1 on mammalian cell lines. Toxicon, 2005, 45, 891-900.	1.6	105
8	Solid phase extraction for removal of matrix effects in lipophilic marine toxin analysis by liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2009, 394, 1213-1226.	3.7	100
9	Comparative accumulation and composition of lipophilic marine biotoxins in passive samplers and in mussels (M. edulis) on the West Coast of Ireland. Harmful Algae, 2009, 8, 523-537.	4.8	99
10	Ciguatoxicity of Gambierdiscus and Fukuyoa species from the Caribbean and Gulf of Mexico. PLoS ONE, 2017, 12, e0185776.	2.5	99
11	Toxicity screening of 13 Gambierdiscus strains using neuro-2a and erythrocyte lysis bioassays. Harmful Algae, 2017, 63, 173-183.	4.8	98
12	Critical review of the analysis of non- and mono-ortho-chlorobiphenyls. Journal of Chromatography A, 1995, 703, 417-465.	3.7	92
13	Tissue distribution, effects of cooking and parameters affecting the extraction of azaspiracids from mussels, Mytilus edulis, prior to analysis by liquid chromatography coupled to mass spectrometry. Toxicon, 2005, 46, 62-71.	1.6	85
14	The role of Azadinium spinosum (Dinophyceae) in the production of azaspiracid shellfish poisoning in mussels. Harmful Algae, 2011, 10, 774-783.	4.8	85
15	Complex Toxin Profile of French Mediterranean Ostreopsis cf. ovata Strains, Seafood Accumulation and Ovatoxins Prepurification. Marine Drugs, 2014, 12, 2851-2876.	4.6	78
16	Oceans and Human Health: A rising tide of challenges and opportunities for Europe. Marine Environmental Research, 2014, 99, 16-19.	2.5	75
17	Pinnatoxin G is responsible for atypical toxicity in mussels (Mytilus galloprovincialis) and clams (Venerupis decussata) from Ingril, a French Mediterranean lagoon. Toxicon, 2013, 75, 16-26.	1.6	74
18	Formation of Azaspiracids-3, -4, -6, and -9 via Decarboxylation of Carboxyazaspiracid Metabolites from Shellfish. Journal of Agricultural and Food Chemistry, 2009, 57, 160-169.	5.2	73

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19	Î²-N-methylamino-l-alanine (BMAA) and isomers: Distribution in different food web compartments of Thau lagoon, French Mediterranean Sea. Marine Environmental Research, 2015, 110, 8-18.	2.5	73
20	Identification of Fatty Acid Esters of Pectenotoxin-2 Seco Acid in Blue Mussels (Mytilus edulis) from Ireland. Journal of Agricultural and Food Chemistry, 2006, 54, 5672-5678.	5.2	67
21	Field and mesocosm trials on passive sampling for the study of adsorption and desorption behaviour of lipophilic toxins with a focus on OA and DTX1. Harmful Algae, 2008, 7, 574-583.	4.8	63
22	Study of possible combined toxic effects of azaspiracid-1 and okadaic acid in mice via the oral route. Toxicon, 2012, 60, 895-906.	1.6	63
23	Characterization of ovatoxin-h, a new ovatoxin analog, and evaluation of chromatographic columns for ovatoxin analysis and purification. Journal of Chromatography A, 2015, 1388, 87-101.	3.7	61
24	Production of BMAA and DAB by diatoms (Phaeodactylum tricornutum , Chaetoceros sp., Chaetoceros) Tj ETQq0 0 0 rgBT /Overlock 10 Algae, 2016, 58, 45-50.	4.8	61
25	The effects of growth phase and light intensity on toxin production by Dinophysis acuminata from the northeastern United States. Harmful Algae, 2011, 10, 254-264.	4.8	60
26	Confirmation by LCâ€“MS/MS of azaspiracids in shellfish from the Portuguese north-western coast. Toxicon, 2008, 51, 1449-1456.	1.6	59
27	DSP toxin production de novo in cultures of Dinophysis acuminata (Dinophyceae) from North America. Harmful Algae, 2009, 8, 873-879.	4.8	58
28	High resolution mass spectrometry for quantitative analysis and untargeted screening of algal toxins in mussels and passive samplers. Journal of Chromatography A, 2015, 1416, 10-21.	3.7	58
29	Teratogenic effects of azaspiracid-1 identified by microinjection of Japanese medaka (Oryzias latipes) embryos. Toxicon, 2005, 45, 881-890.	1.6	57
30	Azaspiracid accumulation, detoxification and biotransformation in blue mussels (Mytilus edulis) experimentally fed Azadinium spinosum. Toxicon, 2012, 60, 582-595.	1.6	57
31	Effects of cooking and heat treatment on concentration and tissue distribution of okadaic acid and dinophysistoxin-2 in mussels (Mytilus edulis). Toxicon, 2008, 51, 1081-1089.	1.6	56
32	Beta-N-Methylamino-l-Alanine: LC-MS/MS Optimization, Screening of Cyanobacterial Strains and Occurrence in Shellfish from Thau, a French Mediterranean Lagoon. Marine Drugs, 2014, 12, 5441-5467.	4.6	56
33	Systematic detection of BMAA (Î²-N-methylamino-l-alanine) and DAB (2,4-diaminobutyric acid) in mollusks collected in shellfish production areas along the French coasts. Toxicon, 2016, 110, 35-46.	1.6	54
34	Maitotoxin-4, a Novel MTX Analog Produced by Gambierdiscus excentricus. Marine Drugs, 2017, 15, 220.	4.6	54
35	Tectus niloticus (Tegulidae, Gastropod) as a Novel Vector of Ciguatera Poisoning: Detection of Pacific Ciguatoxins in Toxic Samples from Nuku Hiva Island (French Polynesia). Toxins, 2018, 10, 2.	3.4	54
36	Clarification of the C-35 Stereochemistries of Dinophysistoxin-1 and Dinophysistoxin-2 and Its Consequences for Binding to Protein Phosphatase. Chemical Research in Toxicology, 2007, 20, 868-875.	3.3	52

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37	Phycotoxins: chemistry, mechanisms of action and shellfish poisoning. Exs, 2010, 100, 65-122.	1.4	52
38	Development and Single-Laboratory Validation of a Pseudofunctional Biosensor Immunoassay for the Detection of the Okadaic Acid Group of Toxins. Analytical Chemistry, 2009, 81, 10208-10214.	6.5	50
39	Derivation of toxicity equivalency factors for marine biotoxins associated with Bivalve Molluscs. Trends in Food Science and Technology, 2017, 59, 15-24.	15.1	50
40	Azaspiracid-1 Alters the E-cadherin Pool in Epithelial Cells. Toxicological Sciences, 2006, 95, 427-435.	3.1	46
41	Requirements for screening and confirmatory methods for the detection and quantification of marine biotoxins in end-product and official control. Analytical and Bioanalytical Chemistry, 2010, 397, 1683-1694.	3.7	46
42	Isolation, Structure Elucidation, Relative LC-MS Response, and in Vitro Toxicity of Azaspiracids from the Dinoflagellate Azadinium spinosum. Journal of Natural Products, 2014, 77, 2465-2474.	3.0	46
43	Experimental evidence of dietary ciguatoxin accumulation in an herbivorous coral reef fish. Aquatic Toxicology, 2018, 200, 257-265.	4.0	46
44	Improved Isolation Procedure for Azaspiracids from Shellfish, Structural Elucidation of Azaspiracid-6, and Stability Studies. Journal of Agricultural and Food Chemistry, 2012, 60, 2447-2455.	5.2	45
45	Detection of pacific ciguatoxins using liquid chromatography coupled to either low or high resolution mass spectrometry (LC-MS/MS). Journal of Chromatography A, 2018, 1571, 16-28.	3.7	45
46	Azaspiracid-1 inhibits bioelectrical activity of spinal cord neuronal networks. Toxicon, 2006, 47, 766-773.	1.6	44
47	Toxicological Investigations on the Sea Urchin Tripneustes gratilla (Toxopneustidae, Echinoid) from Anaho Bay (Nuku Hiva, French Polynesia): Evidence for the Presence of Pacific Ciguatoxins. Marine Drugs, 2018, 16, 122.	4.6	42
48	Intraspecific Variability in the Toxin Production and Toxin Profiles of In Vitro Cultures of Gambierdiscus polynesiensis (Dinophyceae) from French Polynesia. Toxins, 2019, 11, 735.	3.4	41
49	Freeze-drying for the stabilisation of shellfish toxins in mussel tissue (Mytilus edulis) reference materials. Analytical and Bioanalytical Chemistry, 2007, 387, 2475-2486.	3.7	40
50	The preparation of certified calibration solutions for azaspiracid-1, -2, and -3, potent marine biotoxins found in shellfish. Analytical and Bioanalytical Chemistry, 2010, 398, 2243-2252.	3.7	40
51	Ostreopsis cf. ovata Bloom in Currais, Brazil: Phylogeny, Toxin Profile and Contamination of Mussels and Marine Plastic Litter. Toxins, 2019, 11, 446.	3.4	40
52	Determination of paralytic shellfish poisoning toxins by high-performance ion-exchange chromatography. Journal of Chromatography A, 2001, 929, 43-49.	3.7	39
53	Azaspiracid Shellfish Poisoning: A Review on the Chemistry, Ecology, and Toxicology with an Emphasis on Human Health Impacts. Marine Drugs, 2008, 6, 39-72.	4.6	39
54	Transcriptional profiling and inhibition of cholesterol biosynthesis in human T lymphocyte cells by the marine toxin azaspiracid. Genomics, 2008, 91, 289-300.	2.9	38

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55	Structure Elucidation, Relative LCâ€“MS Response and In Vitro Toxicity of Azaspiracids 7â€“10 Isolated from Mussels (Mytilus edulis). Journal of Agricultural and Food Chemistry, 2015, 63, 5083-5091.	5.2	38
56	Quantitative analysis of azaspiracids in Azadinium spinosum cultures. Analytical and Bioanalytical Chemistry, 2012, 403, 833-846.	3.7	35
57	Extended evaluation of polymeric and lipophilic sorbents for passive sampling of marine toxins. Toxicon, 2014, 91, 57-68.	1.6	34
58	Tissue distribution and effects of heat treatments on the content of domoic acid in blue mussels, Mytilus edulis. Toxicon, 2006, 47, 473-479.	1.6	32
59	Oceans and Human Health (OHH): a European Perspective from the Marine Board of the European Science Foundation (Marine Board-ESF). Microbial Ecology, 2013, 65, 889-900.	2.8	32
60	Sub-lethal dosing of azaspiracid-1 in female NMRI mice. Toxicon, 2010, 56, 1419-1425.	1.6	31
61	Dissolved azaspiracids are absorbed and metabolized by blue mussels (Mytilus edulis). Toxicon, 2013, 65, 81-89.	1.6	31
62	Production and Isolation of Azaspiracid-1 and -2 from Azadinium spinosum Culture in Pilot Scale Photobioreactors. Marine Drugs, 2012, 10, 1360-1382.	4.6	29
63	Use of Mass Spectrometry to Determine the Diversity of Toxins Produced by Gambierdiscus and Fukuyoa Species from Balearic Islands and Crete (Mediterranean Sea) and the Canary Islands (Northeast Atlantic). Toxins, 2020, 12, 305.	3.4	29
64	Liquid Chromatography Coupled to High-Resolution Mass Spectrometry for the Confirmation of Caribbean Ciguatoxin-1 as the Main Toxin Responsible for Ciguatera Poisoning Caused by Fish from European Atlantic Coasts. Toxins, 2020, 12, 267.	3.4	29
65	LC-UV and LC-MS methods for the determination of domoic acid. TrAC - Trends in Analytical Chemistry, 2005, 24, 358-367.	11.4	28
66	The influence of size on domoic acid concentration in king scallop, Pecten maximus (L.). Harmful Algae, 2007, 6, 15-28.	4.8	28
67	Fit-for-purpose shellfish reference materials for internal and external quality control in the analysis of phycotoxins. Analytical and Bioanalytical Chemistry, 2007, 387, 2463-2474.	3.7	28
68	Effect of addition of antibiotics and an antioxidant on the stability of tissue reference materials for domoic acid, the amnesic shellfish poison. Analytical and Bioanalytical Chemistry, 2007, 387, 2495-2502.	3.7	28
69	Evaluation of Various pH and Temperature Conditions on the Stability of Azaspiracids and Their Importance in Preparative Isolation and Toxicological Studies. Analytical Chemistry, 2008, 80, 9672-9680.	6.5	28
70	Passive Sampling and High Resolution Mass Spectrometry for Chemical Profiling of French Coastal Areas with a Focus on Marine Biotoxins. Environmental Science & Technology, 2016, 50, 8522-8529.	10.0	28
71	A mussel (Mytilus edulis) tissue certified reference material for the marine biotoxins azaspiracids. Analytical and Bioanalytical Chemistry, 2015, 407, 2985-2996.	3.7	27
72	Combined oral toxicity of azaspiracid-1 and yessotoxin in female NMRI mice. Toxicon, 2011, 57, 909-917.	1.6	26

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73	Cytotoxicity and mycotoxin production of shellfish-derived Penicillium spp., a risk for shellfish consumers. Letters in Applied Microbiology, 2013, 57, 385-392.	2.2	25
74	Identification of 21,22-Dehydroazaspiracids in Mussels (Mytilus edulis) and in Vitro Toxicity of Azaspiracid-26. Journal of Natural Products, 2018, 81, 885-893.	3.0	25
75	Diversity and Toxicity of the Genus Coolia Meunier in Brazil, and Detection of 44-methyl Gambierone in Coolia tropicalis. Toxins, 2020, 12, 327.	3.4	25
76	Production of diarrhetic shellfish poisoning toxins and pectenotoxins at depths within and below the euphotic zone. Toxicon, 2010, 56, 1487-1496.	1.6	24
77	Identification and separation of saxitoxins using hydrophilic interaction liquid chromatography coupled to traveling wave ion mobility-mass spectrometry. Journal of Mass Spectrometry, 2015, 50, 175-181.	1.6	24
78	Performance of the EU-harmonised mouse bioassay for lipophilic toxins for the detection of azaspiracids in naturally contaminated mussel (Mytilus edulis) hepatopancreas tissue homogenates characterised by liquid chromatography coupled to tandem mass spectrometry. Toxicon, 2009, 53, 713-722.	1.6	23
79	Evidence for the Range Expansion of Ciguatera in French Polynesia: A Revisit of the 2009 Mass-Poisoning Outbreak in Rapa Island (Australes Archipelago). Toxins, 2020, 12, 759.	3.4	23
80	Variation in domoic acid concentration in king scallop (Pecten maximus) from fishing grounds around the Isle of Man. Harmful Algae, 2007, 6, 81-92.	4.8	22
81	Feasibility of gamma irradiation as a stabilisation technique in the preparation of tissue reference materials for a range of shellfish toxins. Analytical and Bioanalytical Chemistry, 2007, 387, 2487-2493.	3.7	22
82	A mussel tissue certified reference material for multiple phycotoxins. Part 1: design and preparation. Analytical and Bioanalytical Chemistry, 2011, 400, 821-833.	3.7	22
83	Effect of environmental and nutritional factors on growth and azaspiracid production of the dinoflagellate Azadinium spinosum. Harmful Algae, 2013, 27, 138-148.	4.8	22
84	Morphological and phylogenetic data do not support the split of Alexandrium into four genera. Harmful Algae, 2020, 98, 101902.	4.8	21
85	Acute Oral Toxicity of Pinnatoxin G in Mice. Toxins, 2020, 12, 87.	3.4	21
86	COMPARISON OF DOMOIC ACID CONCENTRATION IN KING SCALLOPS, PECTEN MAXIMUS FROM SEABED AND SUSPENDED CULTURE SYSTEMS. Journal of Shellfish Research, 2006, 25, 129-135.	0.9	20
87	Effect of seawater salinity on pore-size distribution on a poly(styrene)-based HP20 resin and its adsorption of diarrhetic shellfish toxins. Journal of Chromatography A, 2014, 1373, 1-8.	3.7	20
88	Spatial variability of domoic acid concentration in king scallops Pecten maximus off the southeast coast of Ireland. Harmful Algae, 2007, 6, 1-14.	4.8	19
89	Effect of Azadinium spinosum on the feeding behaviour and azaspiracid accumulation of Mytilus edulis. Aquatic Toxicology, 2012, 124-125, 179-187.	4.0	18
90	Cyclic imine toxins survey in coastal european shellfish samples: Bioaccumulation and mode of action of 28-O-palmitoyl ester of pinnatoxin-G. first report of portimine-A bioaccumulation.. Harmful Algae, 2020, 98, 101887.	4.8	18

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91	Ostreopsis cf. ovata (Dinophyceae) Molecular Phylogeny, Morphology, and Detection of Ovatoxins in Strains and Field Samples from Brazil. Toxins, 2020, 12, 70.	3.4	17
92	Ciguatera Toxins: Pharmacology, Toxicology, and Detection. , 2014, , 925-950.		17
93	Chemically mediated interactions between Microcystis and Planktothrix: impact on their growth, morphology and metabolic profiles. Environmental Microbiology, 2019, 21, 1552-1566.	3.8	16
94	Centrodinium punctatum (Dinophyceae) produces significant levels of saxitoxin and related analogs. Harmful Algae, 2020, 100, 101923.	4.8	16
95	Toxicity Screening of a Gambierdiscus australes Strain from the Western Mediterranean Sea and Identification of a Novel Maitotoxin Analogue. Marine Drugs, 2021, 19, 460.	4.6	16
96	Cultures of Dinophysis sacculus, D.Âacuminata and pectenotoxin 2 affect gametes and fertilization success of the Pacific oyster, Crassostrea gigas. Environmental Pollution, 2020, 265, 114840.	7.5	16
97	Effects of Heating on Proportions of Azaspiracids 1â€“10 in Mussels (Mytilus edulis) and Identification of Carboxylated Precursors for Azaspiracids 5, 10, 13, and 15. Journal of Agricultural and Food Chemistry, 2015, 63, 10980-10987.	5.2	15
98	Toxin and Growth Responses of the Neurotoxic Dinoflagellate Vulcanodinium rugosum to Varying Temperature and Salinity. Toxins, 2016, 8, 136.	3.4	15
99	Algal toxin profiles in Nigerian coastal waters (Gulf of Guinea) using passive sampling and liquid chromatography coupled to mass spectrometry. Toxicon, 2016, 114, 16-27.	1.6	15
100	Tissue Distribution and Elimination of Ciguatoxins in Tridacna maxima (Tridacnidae, Bivalvia) Fed Gambierdiscus polynesiensis. Toxins, 2018, 10, 189.	3.4	15
101	Summer bloom of Vulcanodinium rugosum in Cienfuegos Bay (Cuba) associated to dermatitis in swimmers. Science of the Total Environment, 2021, 757, 143782.	8.0	15
102	Cyclic Imine Toxins: Chemistry, Origin, Metabolism, Pharmacology, Toxicology, and Detection. , 2014, , 951-990.		15
103	Chapter 2 Separation, clean-up and recoveries of persistent trace organic contaminants from soils, sediment and biological matrices. Techniques and Instrumentation in Analytical Chemistry, 2000, , 73-113.	0.0	14
104	Effect of Nitrate, Ammonium and Urea on Growth and Pinnatoxin G Production of Vulcanodinium rugosum. Marine Drugs, 2015, 13, 5642-5656.	4.6	14
105	Effects of pH and Nutrients (Nitrogen) on Growth and Toxin Profile of the Ciguatera-Causing Dinoflagellate Gambierdiscus polynesiensis (Dinophyceae). Toxins, 2020, 12, 767.	3.4	14
106	Assessment of Ciguatera and Other Phycotoxin-Related Risks in Anaho Bay (Nuku Hiva Island, French) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.4	14
107	Fatty acid ester metabolites of gymnodimine in shellfish collected from China and in mussels (Mytilus) Tj ETQq1 1 0.784314 rgBT /Ov	4.8	14
108	Metabolomic Profiles of Dinophysis acuminata and Dinophysis acuta Using Non-Targeted High-Resolution Mass Spectrometry: Effect of Nutritional Status and Prey. Marine Drugs, 2018, 16, 143.	4.6	13

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109	Gambierol: Synthetic Aspects. , 2014, , 895-924.		13
110	Sulfo-Gambierones, Two New Analogs of Gambierone Produced by Gambierdiscus excentricus. Marine Drugs, 2021, 19, 657.	4.6	13
111	Evaluation of dialysis as a technique for the removal of lipids prior to the GC determination of ortho- and non-ortho-chlorobiphenyls, using 14C-labelled congeners. Analyst, The, 2001, 126, 829-834.	3.5	12
112	Cytotoxicity, Fractionation and Dereplication of Extracts of the Dinoflagellate Vulcanodinium rugosum, a Producer of Pinnatoxin G. Marine Drugs, 2013, 11, 3350-3371.	4.6	12
113	Toxic equivalency factors (TEFs) after acute oral exposure of azaspiracid 1, â^'2 and â^'3 in mice. Toxicology Letters, 2018, 282, 136-146.	0.8	12
114	Tetrodotoxins in French Bivalve Molluskså€"Analytical Methodology, Environmental Dynamics and Screening of Bacterial Strain Collections. Toxins, 2021, 13, 740.	3.4	12
115	Characterization of toxin-producing strains of Dinophysis spp. (Dinophyceae) isolated from French coastal waters, with a particular focus on the D. acuminata-complex. Harmful Algae, 2021, 107, 101974.	4.8	11
116	Comparative Study on the Performance of Three Detection Methods for the Quantification of Pacific Ciguatoxins in French Polynesian Strains of Gambierdiscus polynesiensis. Marine Drugs, 2022, 20, 348.	4.6	10
117	Relative molar response of lipophilic marine algal toxins in liquid chromatography/electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 1453-1461.	1.5	9
118	Risk characterisation of ciguatera poisoning in Europe. EFSA Supporting Publications, 2021, 18, 6647E.	0.7	9
119	Deep-Water Fish Are Potential Vectors of Ciguatera Poisoning in the Gambier Islands, French Polynesia. Marine Drugs, 2021, 19, 644.	4.6	9
120	Differentiation of gonyautoxins by ion mobilityâ€"mass spectrometry: A cationization study. International Journal of Mass Spectrometry, 2016, 402, 20-28.	1.5	8
121	Azaspiracids Increase Mitochondrial Dehydrogenases Activity in Hepatocytes: Involvement of Potassium and Chloride Ions. Marine Drugs, 2019, 17, 276.	4.6	8
122	Combined Effects of Temperature, Irradiance, and <scp>pH</scp> on Teleaulax amphioxeia (Cryptophyceae) Physiology and Feeding Ratio For Its Predator Mesodinium rubrum (Ciliophora)¹. Journal of Phycology, 2020, 56, 775-783.	2.3	8
123	Effect of a short-term salinity stress on the growth, biovolume, toxins, osmolytes and metabolite profiles on three strains of the Dinophysis acuminata-complex (Dinophysis cf. sacculus). Harmful Algae, 2021, 107, 102009.	4.8	8
124	Characterization of maitotoxinâ€4 (MTX4) using electrospray positive mode ionization highâ€resolution mass spectrometry and UV spectroscopy. Rapid Communications in Mass Spectrometry, 2020, 34, e8859.	1.5	7
125	Deeper insight into Gambierdiscus polynesiensis toxin production relies on specific optimization of high-performance liquid chromatography-high resolution mass spectrometry. Talanta, 2021, 232, 122400.	5.5	7
126	Chemistry, Origins, and Distribution of Yessotoxin and its Analogues. , 0, , 187-202.		6

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127	First identification of a C9-diol-ester of okadaic acid in Dinophysis acuta from Galician RÃas Baixas (NW Spain). Toxicon, 2018, 153, 19-22.	1.6	6
128	Chapter 6 Methods for the determination and evaluation of chlorinated biphenyls (CBs) in environmental matrices. Techniques and Instrumentation in Analytical Chemistry, 2000, 21, 239-285.	0.0	5
129	Characterisation of ciguatoxins. EFSA Supporting Publications, 2021, 18, 6649E.	0.7	5
130	Development of an Efficient Extraction Method for Harvesting Gymnodimine-A from Large-Scale Cultures of Karenia selliformis. Toxins, 2021, 13, 793.	3.4	5
131	45. Acute oral toxicity of three azaspiracid analogues in mice. Toxicon, 2014, 91, 183.	1.6	2
132	19. Isolation of minor and novel azaspiracids â€“ Structure elucidation and toxicology. Toxicon, 2014, 91, 172.	1.6	2
133	Toward Isolation of Palytoxins: Liquid Chromatography Coupled to Low- or High-Resolution Mass Spectrometry for the Study on the Impact of Drying Techniques, Solvents and Materials. Toxins, 2021, 13, 650.	3.4	2
134	10. Extended evaluation of mixed-mode and lipophilic sorbents for passive sampling of marine toxins. Toxicon, 2014, 91, 168-169.	1.6	1
135	In vitro effects of three azaspiracid analogues on hepatocytes. Toxicon, 2016, 116, 85-86.	1.6	1
136	Azaspiracid Toxins: Toxicological Profile. , 2015, , 1-19.		1
137	Cyclic imine toxins: From shellfish poisoning to neuroscience: The case of acyl derivatives. Biochemical Pharmacology, 2015, 97, 622.	4.4	0
138	Development of a liquid-medium assay for screening antimicrobial natural products against marine bacteria. , 2011, , .		0
139	Azaspiracid Toxins: Toxicological Profile. , 2016, , 169-191.		0