

David Harwood

List of Publications by Year in descending order

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63
papers

1,763
citations

236925

25
h-index

289244

40
g-index

63
all docs

63
docs citations

63
times ranked

1064
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Characterization of Maitotoxins Produced by Toxic Gambierdiscus Species. <i>Marine Drugs</i> , 2022, 20, 453.	4.6	8
2	Brevisulcenals-A1 and A2, Sulfate Esters of Brevisulcenals, Isolated from the Red Tide Dinoflagellate <i>Karenia brevisulcata</i> . <i>Toxins</i> , 2021, 13, 82.	3.4	3
3	Acute Toxicity of Gambierone and Quantitative Analysis of Gambierones Produced by Cohabiting Benthic Dinoflagellates. <i>Toxins</i> , 2021, 13, 333.	3.4	18
4	Field Validation of the Southern Rock Lobster Paralytic Shellfish Toxin Monitoring Program in Tasmania, Australia. <i>Marine Drugs</i> , 2021, 19, 510.	4.6	2
5	Update of the Planktonic Diatom Genus <i>Pseudo-nitzschia</i> in Aotearoa New Zealand Coastal Waters: Genetic Diversity and Toxin Production. <i>Toxins</i> , 2021, 13, 637.	3.4	12
6	Sub-Acute Feeding Study of Saxitoxin to Mice Confirms the Effectiveness of Current Regulatory Limits for Paralytic Shellfish Toxins. <i>Toxins</i> , 2021, 13, 627.	3.4	6
7	Acute toxicity of decarbamoyl gonyautoxin 1&4 to mice by various routes of administration. <i>Toxicon</i> , 2021, 204, 56-63.	1.6	5
8	Survey of Tetrodotoxin in New Zealand Bivalve Molluscan Shellfish over a 16-Month Period. <i>Toxins</i> , 2020, 12, 512.	3.4	12
9	Uptake of Paralytic Shellfish Toxins by Blacklip Abalone (<i>Haliotis rubra rubra</i> Leach) from direct exposure to <i>Alexandrium catenella</i> microalgal cells and toxic aquaculture feed. <i>Harmful Algae</i> , 2020, 99, 101925.	4.8	8
10	Risk Assessment of Pectenotoxins in New Zealand Bivalve Molluscan Shellfish, 2009â€“2019. <i>Toxins</i> , 2020, 12, 776.	3.4	9
11	Detection of Paralytic Shellfish Toxins in Southern Rock Lobster <i>Jasus edwardsii</i> Using the Qualitative Neogenâ„¢ Lateral Flow Immunoassay: Single-Laboratory Validation. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 784-791.	1.5	2
12	Paralytic shellfish toxin uptake, tissue distribution, and depuration in the Southern Rock Lobster <i>Jasus edwardsii</i> Hutton. <i>Harmful Algae</i> , 2020, 95, 101818.	4.8	9
13	The role of 44-methylgambierone in ciguatera fish poisoning: Acute toxicity, production by marine microalgae and its potential as a biomarker for <i>Gambierdiscus</i> spp.. <i>Harmful Algae</i> , 2020, 97, 101853.	4.8	25
14	Paralytic shellfish toxins â€“ Call for uniform reporting units. <i>Toxicon</i> , 2020, 178, 59-60.	1.6	11
15	Hemolysis associated toxicities of benthic dinoflagellates from Hong Kong waters. <i>Marine Pollution Bulletin</i> , 2020, 155, 111114.	5.0	9
16	Ultrahigh-Performance Hydrophilic Interaction Liquid Chromatography with Tandem Mass Spectrometry Method for the Determination of Paralytic Shellfish Toxins and Tetrodotoxin in Mussels, Oysters, Clams, Cockles, and Scallops: Collaborative Study. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 533-562.	1.5	53
17	Transcriptomic investigation into polyketide toxin synthesis in <i>Ostreopsis</i> (Dinophyceae) species. <i>Environmental Microbiology</i> , 2019, 21, 4196-4211.	3.8	12
18	Tetrodotoxin in marine bivalves and edible gastropods: A mini-review. <i>Chemosphere</i> , 2019, 236, 124404.	8.2	58

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19	Morphology and Phylogenetics of Benthic <i>Prorocentrum</i> Species (Dinophyceae) from Tropical Northwestern Australia. <i>Toxins</i> , 2019, 11, 571.	3.4	11
20	44-Methylgambierone, a new gambierone analogue isolated from <i>Gambierdiscus australes</i> . <i>Tetrahedron Letters</i> , 2019, 60, 621-625.	1.4	34
21	Spatial variability and depuration of tetrodotoxin in the bivalve <i>Paphies australis</i> from New Zealand. <i>Toxicon: X</i> , 2019, 2, 100008.	2.9	18
22	Re-evaluation of paralytic shellfish toxin profiles in cyanobacteria using hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Toxicon</i> , 2019, 158, 1-7.	1.6	20
23	Toxicological characterization of <i>Fukuyoa paulensis</i> (Dinophyceae) from temperate Australia. <i>Phycological Research</i> , 2019, 67, 65-71.	1.6	13
24	Phylogeny, morphology and toxicity of benthic dinoflagellates of the genus <i>Fukuyoa</i> (Goniodomataceae, Dinophyceae) from a subtropical reef ecosystem in the South China Sea. <i>Harmful Algae</i> , 2018, 74, 78-97.	4.8	27
25	Experimental uptake and depuration of paralytic shellfish toxins in Southern Rock Lobster, <i>Jasus edwardsii</i> . <i>Toxicon</i> , 2018, 143, 44-50.	1.6	14
26	Application of solid phase adsorption toxin tracking (SPATT) devices for the field detection of <i>Gambierdiscus</i> toxins. <i>Harmful Algae</i> , 2018, 71, 40-49.	4.8	26
27	The Acute Toxicity of Tetrodotoxin and Tetrodotoxin+Saxitoxin Mixtures to Mice by Various Routes of Administration. <i>Toxins</i> , 2018, 10, 423.	3.4	32
28	Development of an LC-MS/MS method to simultaneously monitor maitotoxins and selected ciguatoxins in algal cultures and P-CTX-1B in fish. <i>Harmful Algae</i> , 2018, 80, 80-87.	4.8	35
29	Toxicology of <i>Gambierdiscus</i> spp. (Dinophyceae) from Tropical and Temperate Australian Waters. <i>Marine Drugs</i> , 2018, 16, 7.	4.6	44
30	Single-Laboratory Validation of the Neogen Qualitative Lateral Flow Immunoassay for the Detection of Paralytic Shellfish Toxins in Mussels and Oysters. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 480-489.	1.5	9
31	Brevisulcenal-G, -H, and -I, Polycyclic Ether Marine Toxins from the Dinoflagellate <i>Karenia brevisulcata</i> . <i>Heterocycles</i> , 2018, 96, 2096.	0.7	3
32	The dinoflagellate genera <i>Gambierdiscus</i> and <i>Ostreopsis</i> from subtropical Raoul Island and North Meyer Island, Kermadec Islands. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2017, 51, 490-504.	2.0	25
33	A new species of <i>Gambierdiscus</i> (Dinophyceae) from the south-west Pacific: <i>Gambierdiscus honu</i> sp. nov.. <i>Harmful Algae</i> , 2017, 65, 61-70.	4.8	56
34	Accumulation and depuration of paralytic shellfish toxins by Australian abalone <i>Haliotis rubra</i> : Conclusive association with <i>Gymnodinium catenatum</i> dinoflagellate blooms. <i>Food Control</i> , 2017, 73, 971-980.	5.5	11
35	Characterization of <i>Gambierdiscus lapillus</i> sp. nov. (Gonyaulacales, Dinophyceae): a new toxic dinoflagellate from the Great Barrier Reef (Australia). <i>Journal of Phycology</i> , 2017, 53, 283-297.	2.3	56
36	Recent Trends in Marine Phycotoxins from Australian Coastal Waters. <i>Marine Drugs</i> , 2017, 15, 33.	4.6	45

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37	Ciguatoxins and Maitotoxins in Extracts of Sixteen Gambierdiscus Isolates and One Fukuyoa Isolate from the South Pacific and Their Toxicity to Mice by Intraperitoneal and Oral Administration. <i>Marine Drugs</i> , 2017, 15, 208.	4.6	48
38	Sample Preparation Prior to Marine Toxin Analysis. <i>Comprehensive Analytical Chemistry</i> , 2017, 78, 89-136.	1.3	10
39	The Epiphytic Genus <i>Gambierdiscus</i> (Dinophyceae) in the Kermadec Islands and Zealandia Regions of the Southwestern Pacific and the Associated Risk of Ciguatera Fish Poisoning. <i>Marine Drugs</i> , 2017, 15, 219.	4.6	32
40	Acute Toxicities of the Saxitoxin Congeners Gonyautoxin 5, Gonyautoxin 6, Decarbamoyl Gonyautoxin 2&3, Decarbamoyl Neosaxitoxin, C-1&2 and C-3&4 to Mice by Various Routes of Administration. <i>Toxins</i> , 2017, 9, 73.	3.4	29
41	Fate of Paralytic Shellfish Toxins in Southern Rock Lobster (<i>Jasus edwardsii</i>) during Cooking: Concentration, Composition, and Distribution. <i>Journal of Food Protection</i> , 2017, 81, 240-245.	1.7	3
42	Molecular phylogeny, morphology and toxigenicity of <i>Ostreopsis</i> cf. <i>siamensis</i> (Dinophyceae) from temperate south-east Australia. <i>Phycological Research</i> , 2016, 64, 146-159.	1.6	19
43	Corrigendum to "Production of ciguatoxin and maitotoxin by strains of <i>Gambierdiscus australes</i> , <i>G. pacificus</i> and <i>G. polynesiensis</i> (Dinophyceae) isolated from Rarotonga, Cook Islands" [Harmful Algae 39 (2014) 185-190]. <i>Harmful Algae</i> , 2016, 55, 295.	4.8	28
44	Molecular Detection of the <i>SxtA</i> Gene from Saxitoxin-Producing <i>Alexandrium minutum</i> in Commercial Oysters. <i>Journal of Shellfish Research</i> , 2016, 35, 169-177.	0.9	8
45	Molecular and phylogenetic characterization of <i>Ostreopsis</i> (Dinophyceae) and the description of a new species, <i>Ostreopsis rhodesae</i> sp. nov., from a subtropical Australian lagoon. <i>Harmful Algae</i> , 2016, 60, 116-130.	4.8	42
46	A new <i>Gambierdiscus</i> species (Dinophyceae) from Rarotonga, Cook Islands: <i>Gambierdiscus cheloniae</i> sp. nov. <i>Harmful Algae</i> , 2016, 60, 45-56.	4.8	60
47	Brevisulcatic Acids from a Marine Microalgal Species Implicated in a Toxic Event in New Zealand. <i>Heterocycles</i> , 2016, 92, 45.	0.7	5
48	Clinical diagnosis and chemical confirmation of ciguatera fish poisoning in New South Wales, Australia. <i>Communicable Diseases Intelligence</i> , 2016, 40, E1-6.	0.5	9
49	Warm temperature acclimation impacts metabolism of paralytic shellfish toxins from <i>Alexandrium minutum</i> in commercial oysters. <i>Global Change Biology</i> , 2015, 21, 3402-3413.	9.5	16
50	Development of a sensitive and selective liquid chromatography-mass spectrometry method for high throughput analysis of paralytic shellfish toxins using graphitised carbon solid phase extraction. <i>Journal of Chromatography A</i> , 2015, 1387, 1-12.	3.7	180
51	Single-Laboratory Validation of a Multitoxin Ultra-Performance LC-Hydrophilic Interaction LC-MS/MS Method for Quantitation of Paralytic Shellfish Toxins in Bivalve Shellfish. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 609-621.	1.5	111
52	Polyketide synthesis genes associated with toxin production in two species of <i>Gambierdiscus</i> (Dinophyceae). <i>BMC Genomics</i> , 2015, 16, 410.	2.8	56
53	Paralytic shellfish toxins, including deoxydecarbamoyl-STX, in wild-caught Tasmanian abalone (<i>Haliotis rubra</i>). <i>Toxicon</i> , 2014, 90, 213-225.	1.6	19
54	A sensitive LC-MS/MS assay for brevisulcinal and brevisulcatic acid toxins produced by the dinoflagellate <i>Karenia brevisulcata</i> . <i>Toxicon</i> , 2014, 84, 19-27.	1.6	11

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55	Epiphytic dinoflagellates in sub-tropical New Zealand, in particular the genus <i>Coolia</i> Meunier. <i>Harmful Algae</i> , 2014, 34, 36-41.	4.8	39
56	Brevisulcatic Acids, Marine Ladder-Frame Polyethers from the Red Tide Dinoflagellate <i>Karenia brevisulcata</i> in New Zealand. <i>Organic Letters</i> , 2014, 16, 5850-5853.	4.6	11
57	High abundance of the potentially maitotoxic dinoflagellate <i>Gambierdiscus carpenteri</i> in temperate waters of New South Wales, Australia. <i>Harmful Algae</i> , 2014, 39, 134-145.	4.8	60
58	Grazing on a toxic <i>Alexandrium catenella</i> bloom by the lobster krill <i>Munida gregaria</i> (Decapoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	4.8	8
59	Production of ciguatoxin and maitotoxin by strains of <i>Gambierdiscus australes</i> , <i>G. pacificus</i> and <i>G. polynesiensis</i> (Dinophyceae) isolated from Rarotonga, Cook Islands. <i>Harmful Algae</i> , 2014, 39, 185-190.	4.8	70
60	<i>Alexandrium diversaporum</i> sp. nov., a new non-saxitoxin producing species: Phylogeny, morphology and sxtA genes. <i>Harmful Algae</i> , 2014, 31, 54-65.	4.8	22
61	A feeding study to probe the uptake of Maitotoxin by snapper (<i>Pagrus auratus</i>). <i>Harmful Algae</i> , 2014, 37, 125-132.	4.8	43
62	Refinement and implementation of the Lawrence method (AOAC 2005.06) in a commercial laboratory: Assay performance during an <i>Alexandrium catenella</i> bloom event. <i>Harmful Algae</i> , 2013, 24, 20-31.	4.8	47
63	A sensitive assay for palytoxins, ovatoxins and ostreococins using LC-MS/MS analysis of cleavage fragments from micro-scale oxidation. <i>Toxicon</i> , 2012, 60, 810-820.	1.6	36