

Andrew I Selwood

List of Publications by Year in descending order

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136950

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1715
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#	ARTICLE	IF	CITATIONS
1	Solid phase adsorption toxin tracking (SPATT): a new monitoring tool that simulates the biotoxin contamination of filter feeding bivalves. <i>Toxicon</i> , 2004, 44, 901-918.	1.6	181
2	Multiresidue Method for Determination of Algal Toxins in Shellfish: Single-Laboratory Validation and Interlaboratory Study. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 761-772.	1.5	180
3	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
4	First report of homoanatoxin-a and associated dog neurotoxicosis in New Zealand. <i>Toxicon</i> , 2007, 50, 292-301.	1.6	179
5	Complex toxin profiles in phytoplankton and Greenshell mussels (<i>Perna canaliculus</i>), revealed by LC-MS/MS analysis. <i>Toxicon</i> , 2002, 40, 1321-1330.	1.6	169
6	Isolation, Structural Determination and Acute Toxicity of Pinnatoxins E, F and G. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 6532-6542.	5.2	114
7	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
8	Pectenotoxin and okadaic acid-based toxin profiles in <i>Dinophysis acuta</i> and <i>Dinophysis acuminata</i> from New Zealand. <i>Harmful Algae</i> , 2005, 4, 75-85.	4.8	98
9	Detection of tetrodotoxin from the grey side-gilled sea slug - <i>Pleurobranchaea maculata</i> , and associated dog neurotoxicosis on beaches adjacent to the Hauraki Gulf, Auckland, New Zealand. <i>Toxicon</i> , 2010, 56, 466-473.	1.6	87
10	Dinoflagellate <i>Vulcanodinium rugosum</i> identified as the causative organism of pinnatoxins in Australia, New Zealand and Japan. <i>Phycologia</i> , 2011, 50, 624-628.	1.4	86
11	Pinnatoxins and spirolides in Norwegian blue mussels and seawater. <i>Toxicon</i> , 2011, 58, 700-711.	1.6	81
12	Widespread Distribution and Identification of Eight Novel Microcystins in Antarctic Cyanobacterial Mats. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7243-7251.	3.1	77
13	Production of pinnatoxins by a peridinoid dinoflagellate isolated from Northland, New Zealand. <i>Harmful Algae</i> , 2010, 9, 384-389.	4.8	77
14	Toxic dinoflagellates (Dinophyceae) from Rarotonga, Cook Islands. <i>Toxicon</i> , 2010, 56, 751-758.	1.6	67
15	Portimine: a bioactive metabolite from the benthic dinoflagellate <i>Vulcanodinium rugosum</i> . <i>Tetrahedron Letters</i> , 2013, 54, 4705-4707.	1.4	67
16	Acute toxicity of pinnatoxins E, F and G to mice. <i>Toxicon</i> , 2012, 60, 995-999.	1.6	58
17	Polyhydroxylated amide analogs of yessotoxin from <i>Protoceratium reticulatum</i> . <i>Toxicon</i> , 2005, 45, 61-71.	1.6	52
18	Isolation of a 1,3-enone isomer of heptanor-41-oxoyessotoxin from <i>Protoceratium reticulatum</i> cultures. <i>Toxicon</i> , 2004, 44, 325-336.	1.6	49

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19	Isolation and identification of pectenotoxins-13 and -14 from <i>Dinophysis acuta</i> in New Zealand. <i>Toxicon</i> , 2006, 48, 152-159.	1.6	47
20	Comparison of acetylcholine receptor interactions of the marine toxins, 13-desmethylspirolide C and gymnodimine. <i>Neuropharmacology</i> , 2012, 62, 2239-2250.	4.1	47
21	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
22	Isodomoic Acid C, an Unusual Amnesic Shellfish Poisoning Toxin from <i>Pseudo-nitzschia australis</i> . <i>Chemical Research in Toxicology</i> , 2005, 18, 814-816.	3.3	43
23	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
24	Multiresidue method for determination of algal toxins in shellfish: single-laboratory validation and interlaboratory study. <i>Journal of AOAC INTERNATIONAL</i> , 2005, 88, 761-72.	1.5	43
25	Isolation and identification of (4 <i>R,S</i>)-44,55-dihydroxyessotoxin from <i>Protoceratium reticulatum</i> , and its occurrence in extracts of shellfish from New Zealand, Norway and Canada. <i>Toxicon</i> , 2005, 46, 160-170.	1.6	42
26	A dinoflagellate producer of pinnatoxin G, isolated from sub-tropical Japanese waters. <i>Harmful Algae</i> , 2011, 10, 702-705.	4.8	40
27	Comparative toxicity to mice of domoic acid and isodomoic acids A, B and C. <i>Toxicon</i> , 2008, 52, 954-956.	1.6	39
28	Pinnatoxin H: a new pinnatoxin analogue from a South China Sea <i>Vulcanodinium rugosum</i> isolate. <i>Tetrahedron Letters</i> , 2014, 55, 5508-5510.	1.4	39
29	Production of Anatoxin-a and a Novel Biosynthetic Precursor by the Cyanobacterium <i>Aphanizomenon issatschenkoii</i> . <i>Environmental Science & Technology</i> , 2007, 41, 506-510.	10.0	38
30	A sensitive assay for palytoxins, ovatoxins and ostreocins using LC-MS/MS analysis of cleavage fragments from micro-scale oxidation. <i>Toxicon</i> , 2012, 60, 810-820.	1.6	36
31	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
32	44-Methylgambierone, a new gambierone analogue isolated from <i>Gambierdiscus australes</i> . <i>Tetrahedron Letters</i> , 2019, 60, 621-625.	1.4	34
33	Algal toxins and producers in the marine waters of Qatar, Arabian Gulf. <i>Toxicon</i> , 2016, 122, 54-66.	1.6	29
34	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
35	Marine algal pinnatoxins E and F cause neuromuscular block in an <i>in vitro</i> hemidiaphragm preparation. <i>Toxicon</i> , 2011, 58, 693-699.	1.6	28
36	Benthic dinoflagellate toxins in two warm-temperate estuaries: Rangauu and Parengarenga Harbours, Northland, New Zealand. <i>Harmful Algae</i> , 2011, 10, 559-566.	4.8	28

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37	Determination of Brevetoxins in Shellfish by LC/MS/MS: Single-Laboratory Validation. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 1097-1105.	1.5	27
38	Acute toxicity of dihydroanatoxin-a from <i>Microcoleus autumnalis</i> in comparison to anatoxin-a. <i>Chemosphere</i> , 2021, 263, 127937.	8.2	27
39	Amnesic Shellfish Poisoning Toxins in Shellfish: Estimation of Uncertainty of Measurement for a Liquid Chromatography/Tandem Mass Spectrometry Method. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 1095-1100.	1.5	26
40	Bioassay methods for detection of N-palmitoylbrevetoxin-B2 (BTX-B4). <i>Toxicon</i> , 2010, 55, 497-506.	1.6	26
41	New perspectives on biotoxin detection in Rangaunu Harbour, New Zealand arising from the discovery of pinnatoxins. <i>Harmful Algae</i> , 2012, 13, 34-39.	4.8	26
42	Identification of 45-hydroxy-46,47-dinoryessotoxin, 44-oxo-45,46,47-trinoryessotoxin, and 9-methyl-42,43,44,45,46,47,55-heptanor-38-en-41-oxoyessotoxin, and partial characterization of some minor yessotoxins, from <i>Protoceratium reticulatum</i> . <i>Toxicon</i> , 2006, 47, 229-240.	1.6	25
43	Isodomoic acids A and C exhibit low KA receptor affinity and reduced in vitro potency relative to domoic acid in region CA1 of rat hippocampus. <i>Toxicon</i> , 2007, 50, 627-638.	1.6	25
44	Semisynthesis of <i>S</i> -Desoxybrevetoxin-B2 and Brevetoxin-B2, and Assessment of Their Acute Toxicities. <i>Chemical Research in Toxicology</i> , 2008, 21, 944-950.	3.3	25
45	Isolation and characterization of an enzyme from the Greenshell [®] mussel <i>Perna canaliculus</i> that hydrolyses pectenotoxins and esters of domoic acid. <i>Toxicon</i> , 2012, 60, 406-419.	1.6	22
46	Isolation of Yessotoxin 32-O-[[2-l-arabinofuranosyl-(5 \rightarrow 1 \rightarrow 3)-2-l-arabinofuranoside] from <i>Protoceratium reticulatum</i> . <i>Toxicon</i> , 2006, 47, 510-516.	1.6	21
47	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
48	The marine cytotoxin portimine is a potent and selective inducer of apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 1447-1452.	4.9	19
49	Neuromuscular blocking activity of pinnatoxins E, F and G. <i>Toxicon</i> , 2013, 76, 214-220.	1.6	18
50	Identification of the harmful dinoflagellate <i>Vulcanodinium rugosum</i> recovered from a ballast tank of a globally traveled ship in Port Tampa Bay, Florida, USA. <i>Harmful Algae</i> , 2014, 39, 202-209.	4.8	17
51	Unambiguous identification of pectenotoxin-1 and distribution of pectenotoxins in plankton from the North Sea. <i>Toxicon</i> , 2008, 52, 927-935.	1.6	15
52	Pinnatoxins E, F and G target multiple nicotinic receptor subtypes. <i>Journal of Neurochemistry</i> , 2015, 135, 479-491.	3.9	15
53	Detection of domoic acid in rat serum and brain by direct competitive enzyme-linked immunosorbent assay (cELISA). <i>Analytical and Bioanalytical Chemistry</i> , 2005, 383, 783-786.	3.7	14
54	The use of a mucus trap by <i>Dinophysis acuta</i> for the capture of <i>Mesodinium rubrum</i> prey under culture conditions. <i>Harmful Algae</i> , 2016, 58, 1-7.	4.8	14

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55	Metamorphosis of the invasive ascidian <i>Ciona savignyi</i> : environmental variables and chemical exposure. PeerJ, 2016, 4, e1739.	2.0	12
56	Antifouling activity of portimine, select semisynthetic analogues, and other microalga-derived spirocyclic imines. Biofouling, 2018, 34, 950-961.	2.2	11
57	In vitro labelling of muscle type nicotinic receptors using a fluorophore-conjugated pinnatoxin F derivative. Toxicon, 2014, 87, 17-25.	1.6	10
58	Cyclic Imine Pinnatoxin G is Cytotoxic to Cancer Cell Lines via Nicotinic Acetylcholine Receptor-Driven Classical Apoptosis. Journal of Natural Products, 2021, 84, 2035-2042.	3.0	10
59	Determination of Soluble Immunoglobulin G in Bovine Colostrum Products by Protein G Affinity Chromatographyâ€”Turbidity Correction and Method Validation. Journal of Agricultural and Food Chemistry, 2011, 59, 5248-5256.	5.2	8
60	Paralytic shellfish toxin producing Aphanizomenon gracile strains isolated from Lake Iznik, Turkey. Toxicon, 2018, 148, 132-142.	1.6	8
61	Acute toxicity of decarbamoyl gonyautoxin 1&4 to mice by various routes of administration. Toxicon, 2021, 204, 56-63.	1.6	5
62	Investigation of tutin, a naturally-occurring plant toxin, as a novel, culturally acceptable rodenticide in New Zealand. New Zealand Journal of Ecology, 2019, 43, .	1.1	1
63	Amnesic shellfish poisoning toxins in shellfish: estimation of uncertainty of measurement for a liquid chromatography/tandem mass spectrometry method. Journal of AOAC INTERNATIONAL, 2003, 86, 1095-100.	1.5	1