Andrew I Selwood

List of Publications by Year
in descending order

63	3,047	136950	155660
papers	citations	32 h-index	55 g-index

63	63	63	1715
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acute toxicity of dihydroanatoxin-a from Microcoleus autumnalis in comparison to anatoxin-a. Chemosphere, 2021, 263, 127937.	8.2	27
2	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
3	Acute toxicity of decarbamoyl gonyautoxin 1&4 to mice by various routes of administration. Toxicon, 2021, 204, 56-63.	1.6	5
4	44-Methylgambierone, a new gambierone analogue isolated from Gambierdiscus australes. Tetrahedron Letters, 2019, 60, 621-625.	1.4	34
5	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
6	Paralytic shellfish toxin producing Aphanizomenon gracile strains isolated from Lake Iznik, Turkey. Toxicon, 2018, 148, 132-142.	1.6	8
7	Antifouling activity of portimine, select semisynthetic analogues, and other microalga-derived spirocyclic imines. Biofouling, 2018, 34, 950-961.	2.2	11
8	Development of an LCâ€“MS/MS method to simultaneously monitor maitotoxins and selected ciguatoxins in algal cultures and P-CTX-1B in fish. Harmful Algae, 2018, 80, 80-87.	4.8	35
9	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. Toxins, 2017, 9, 73.	3.4	29
10	Algal toxins and producers in the marine waters of Qatar, Arabian Gulf. Toxicon, 2016, 122, 54-66.	1.6	29
11	The use of a mucus trap by Dinophysis acuta for the capture of Mesodinium rubrum prey under culture conditions. Harmful Algae, 2016, 58, 1-7.	4.8	14
12	The marine cytotoxin portimine is a potent and selective inducer of apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 1447-1452.	4.9	19
13	Metamorphosis of the invasive ascidianCiona savignyi: environmental variables and chemical exposure. PeerJ, 2016, 4, e1739.	2.0	12
14	Pinnatoxins E, F and G target multiple nicotinic receptor subtypes. Journal of Neurochemistry, 2015, 135, 479-491.	3.9	15
15	Development of a sensitive and selective liquid chromatographyâ€“mass spectrometry method for high throughput analysis of paralytic shellfish toxins using graphitised carbon solid phase extraction. Journal of Chromatography A, 2015, 1387, 1-12.	3.7	180
16	Single-Laboratory Validation of a Multitoxin Ultra-Performance LC-Hydrophilic Interaction LC-MS/MS Method for Quantitation of Paralytic Shellfish Toxins in Bivalve Shellfish. Journal of AOAC INTERNATIONAL, 2015, 98, 609-621.	1.5	111
17	Paralytic shellfish toxins, including deoxydecarbamoyl-STX, in wild-caught Tasmanian abalone (Haliotis rubra). Toxicon, 2014, 90, 213-225.	1.6	19
18	Pinnatoxin H: a new pinnatoxin analogue from a South China Sea Vulcanodinium rugosum isolate. Tetrahedron Letters, 2014, 55, 5508-5510.	1.4	39

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19	Identification of the harmful dinoflagellate Vulcanodinium rugosum recovered from a ballast tank of a globally traveled ship in Port Tampa Bay, Florida, USA. Harmful Algae, 2014, 39, 202-209.	4.8	17
20	A feeding study to probe the uptake of Maitotoxin by snapper (Pagrus auratus). Harmful Algae, 2014, 37, 125-132.	4.8	43
21	InÂvitro labelling of muscle type nicotinic receptors using a fluorophore-conjugated pinnatoxin F derivative. Toxicon, 2014, 87, 17-25.	1.6	10
22	Portimine: a bioactive metabolite from the benthic dinoflagellate Vulcanodinium rugosum. Tetrahedron Letters, 2013, 54, 4705-4707.	1.4	67
23	Neuromuscular blocking activity of pinnatoxins E, F and G. Toxicon, 2013, 76, 214-220.	1.6	18
24	Refinement and implementation of the Lawrence method (AOAC 2005.06) in a commercial laboratory: Assay performance during an Alexandrium catenella bloom event. Harmful Algae, 2013, 24, 20-31.	4.8	47
25	Determination of Brevetoxins in Shellfish by LC/MS/MS: Single-Laboratory Validation. Journal of AOAC INTERNATIONAL, 2012, 95, 1097-1105.	1.5	27
26	Comparison of acetylcholine receptor interactions of the marine toxins, 13-desmethylspirolide C and gymnodimine. Neuropharmacology, 2012, 62, 2239-2250.	4.1	47
27	A sensitive assay for palytoxins, ovatoxins and ostreocins using LC-MS/MS analysis of cleavage fragments from micro-scale oxidation. Toxicon, 2012, 60, 810-820.	1.6	36
28	New perspectives on biotoxin detection in Rangaunu Harbour, New Zealand arising from the discovery of pinnatoxins. Harmful Algae, 2012, 13, 34-39.	4.8	26
29	Acute toxicity of pinnatoxins E, F and G to mice. Toxicon, 2012, 60, 995-999.	1.6	58
30	Isolation and characterization of an enzyme from the Greenshellâ„¢ mussel Perna canaliculus that hydrolyses pectenotoxins and esters ofÂokadaic acid. Toxicon, 2012, 60, 406-419.	1.6	22
31	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
32	Pinnatoxins and spirolides in Norwegian blue mussels and seawater. Toxicon, 2011, 58, 700-711.	1.6	81
33	Marine algal pinnatoxins E and F cause neuromuscular block in an inÂvitro hemidiaphragm preparation. Toxicon, 2011, 58, 693-699.	1.6	28
34	Benthic dinoflagellate toxins in two warm-temperate estuaries: Rangaunu and Parengarenga Harbours, Northland, New Zealand. Harmful Algae, 2011, 10, 559-566.	4.8	28
35	A dinoflagellate producer of pinnatoxin G, isolated from sub-tropical Japanese waters. Harmful Algae, 2011, 10, 702-705.	4.8	40
36	Dinoflagellate Vulcanodinium rugosum identified as the causative organism of pinnatoxins in Australia, New Zealand and Japan. Phycologia, 2011, 50, 624-628.	1.4	86

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37	Toxic dinoflagellates (Dinophyceae) from Rarotonga, Cook Islands. Toxicon, 2010, 56, 751-758.	1.6	67
38	Bioassay methods for detection of N-palmitoylbrevetoxin-B2 (BTX-B4). Toxicon, 2010, 55, 497-506.	1.6	26
39	Detection of tetrodotoxin from the grey side-gilled sea slug - Pleurobranchaea maculata, and associated dog neurotoxicosis on beaches adjacent to the Hauraki Gulf, Auckland, New Zealand. Toxicon, 2010, 56, 466-473.	1.6	87
40	Production of pinnatoxins by a peridinoid dinoflagellate isolated from Northland, New Zealand. Harmful Algae, 2010, 9, 384-389.	4.8	77
41	Isolation, Structural Determination and Acute Toxicity of Pinnatoxins E, F and G. Journal of Agricultural and Food Chemistry, 2010, 58, 6532-6542.	5.2	114
42	Unambiguous identification of pectenotoxin-1 and distribution of pectenotoxins in plankton from the North Sea. Toxicon, 2008, 52, 927-935.	1.6	15
43	Comparative toxicity to mice of domoic acid and isodomoic acids A, B and C. Toxicon, 2008, 52, 954-956.	1.6	39
44	Widespread Distribution and Identification of Eight Novel Microcystins in Antarctic Cyanobacterial Mats. Applied and Environmental Microbiology, 2008, 74, 7243-7251.	3.1	77
45	Semisynthesis of S-Desoxybrevetoxin-B2 and Brevetoxin-B2, and Assessment of Their Acute Toxicities. Chemical Research in Toxicology, 2008, 21, 944-950.	3.3	25
46	First report of homoanatoxin-a and associated dog neurotoxicosis in New Zealand. Toxicon, 2007, 50, 292-301.	1.6	179
47	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. Toxicon, 2007, 50, 627-638.	1.6	25
48	Production of Anatoxin-a and a Novel Biosynthetic Precursor by the CyanobacteriumAphanizomenon issatschenkoi. Environmental Science & Technology, 2007, 41, 506-510.	10.0	38
49	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 Protoceratium reticulatum. Toxicon, 2006, 47, 229-240.	1.6	25
50	Isolation of Yessotoxin 32-O-[Î²-l-arabinofuranosyl-(5â€²â†’1â€³)-Î²-l-arabinofuranoside] from Protoceratium reticulatum. Toxicon, 2006, 47, 510-516.	1.6	21
51	Isolation and identification of pectenotoxins-13 and -14 from Dinophysis acuta in New Zealand. Toxicon, 2006, 48, 152-159.	1.6	47
52	Detection of domoic acid in rat serum and brain by direct competitive enzyme-linked immunosorbent assay (cELISA). Analytical and Bioanalytical Chemistry, 2005, 383, 783-786.	3.7	14
53	Multiresidue Method for Determination of Algal Toxins in Shellfish: Single-Laboratory Validation and Interlaboratory Study. Journal of AOAC INTERNATIONAL, 2005, 88, 761-772.	1.5	180
54	Polyhydroxylated amide analogs of yessotoxin from Protoceratium reticulatum. Toxicon, 2005, 45, 61-71.	1.6	52

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55	Isolation and identification of (44-R,S)-44,55-dihydroxyyessotoxin from Protoceratium reticulatum, and its occurrence in extracts of shellfish from New Zealand, Norway and Canada. Toxicon, 2005, 46, 160-170.	1.6	42
56	Pectenotoxin and okadaic acid-based toxin profiles in Dinophysis acuta and Dinophysis acuminata from New Zealand. Harmful Algae, 2005, 4, 75-85.	4.8	98
57	Isodomoic Acid C, an Unusual Amnesic Shellfish Poisoning Toxin from Pseudo-nitzschia australis. Chemical Research in Toxicology, 2005, 18, 814-816.	3.3	43
58	Multiresidue method for determination of algal toxins in shellfish: single-laboratory validation and interlaboratory study. Journal of AOAC INTERNATIONAL, 2005, 88, 761-72.	1.5	43
59	Isolation of a 1,3-enone isomer of heptanor-41-oxoyessotoxin from Protoceratium reticulatum cultures. Toxicon, 2004, 44, 325-336.	1.6	49
60	Solid phase adsorption toxin tracking (SPATT): a new monitoring tool that simulates the biotoxin contamination of filter feeding bivalves. Toxicon, 2004, 44, 901-918.	1.6	181
61	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, 1095-1100.	1.5	26
62	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
63	Complex toxin profiles in phytoplankton and Greenshell mussels (Perna canaliculus), revealed by LCâ€“MS/MS analysis. Toxicon, 2002, 40, 1321-1330.	1.6	169