Patrick T Holland

List of Publications by Year
in descending order

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42 papers	2,221 citations	159585 30 h-index	265206 42 g-index
42 all docs	42 docs citations	42 times ranked	1670 citing authors

#	Article	IF	Citations
1	Isolation of pectenotoxin-2 from Dinophysis acuta and its conversion to pectenotoxin-2 seco acid, and preliminary assessment of their acute toxicities. Toxicon, 2004, 43, 1-9.	1.6	193
2	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
3	First report of homoanatoxin-a and associated dog neurotoxicosis in New Zealand. Toxicon, 2007, 50, 292-301.	1.6	179
4	Acute toxicity of gymnodimine to mice. Toxicon, 2004, 44, 173-178.	1.6	112
5	Extractives from New Zealand unifloral honeys. 2. Degraded carotenoids and other substances from heather honey. Journal of Agricultural and Food Chemistry, 1989, 37, 1217-1221.	5.2	101
6	Extractives from New Zealand honeys. 1. White clover, manuka and kanuka unifloral honeys. Journal of Agricultural and Food Chemistry, 1988, 36, 453-460.	5.2	96
7	Identification of a benthic microcystin-producing filamentous cyanobacterium (Oscillatoriales) associated with a dog poisoning in New Zealand. Toxicon, 2010, 55, 897-903.	1.6	88
8	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
9	FIRST REPORT OF THE CYANOTOXIN ANATOXIN-A FROMAPHANIZOMENON ISSATSCHENKOI(CYANOBACTERIA). Journal of Phycology, 2007, 43, 356-365.	2.3	81
10	Widespread Distribution and Identification of Eight Novel Microcystins in Antarctic Cyanobacterial Mats. Applied and Environmental Microbiology, 2008, 74, 7243-7251.	3.1	77
11	Epicuticular wax of Pinus radiata needles. Phytochemistry, 1978, 17, 1617-1623.	2.9	72
12	Analysis of sulfonylurea herbicides by gas-liquid chromatography. 2. Determination of chlorsulfuron and metsulfuron-methyl in soil and water samples. Journal of Agricultural and Food Chemistry, 1993, 41, 396-401.	5.2	68
13	Toxic dinoflagellates (Dinophyceae) from Rarotonga, Cook Islands. Toxicon, 2010, 56, 751-758.	1.6	67
14	Extractives from New Zealand honeys. 3. Unifloral thyme and willow honey constituents. Journal of Agricultural and Food Chemistry, 1990, 38, 1833-1838.	5.2	66
15	Development of solid phase adsorption toxin tracking (SPATT) for monitoring anatoxin-a and homoanatoxin-a in river water. Chemosphere, 2011, 82, 888-894.	8.2	51
16	Analysis of sulfonylurea herbicides by gas-liquid chromatography. 1. Formation of thermostable derivatives of chlorsulfuron and metsulfuron-methyl. Journal of Agricultural and Food Chemistry, 1993, 41, 388-395.	5.2	49
17	Isolation and identification of pectenotoxins-13 and -14 from Dinophysis acuta in New Zealand. Toxicon, 2006, 48, 152-159.	1.6	47
18	Confirmation of brevetoxin metabolism in cockle, Austrovenus stutchburyi, and greenshell mussel, Perna canaliculus, associated with New Zealand neurotoxic shellfish poisoning, by controlled exposure to Karenia brevis culture. Toxicon, 2004, 43, 701-712.	1.6	43

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19	Isodomoic Acid C, an Unusual Amnesic Shellfish Poisoning Toxin from Pseudo-nitzschia australis. Chemical Research in Toxicology, 2005, 18, 814-816.	3.3	43
20	Brevisulcenal-F: A Polycyclic Ether Toxin Associated with Massive Fish-kills in New Zealand. Journal of the American Chemical Society, 2012, 134, 4963-4968.	13.7	40
21	Isolation and structure elucidation of dichotomin, a furostanol saponin implicated in hepatogenous photosensitization of sheep grazing Panicum dichotomiflorum. Journal of Agricultural and Food Chemistry, 1993, 41, 267-271.	5.2	39
22	Comparative toxicity to mice of domoic acid and isodomoic acids A, B and C. Toxicon, 2008, 52, 954-956.	1.6	39
23	Production of Anatoxin-a and a Novel Biosynthetic Precursor by the CyanobacteriumAphanizomenon issatschenkoi. Environmental Science & Technology, 2007, 41, 506-510.	10.0	38
24	Analysis of sulfonylurea herbicides by gas-liquid chromatography Illâ€"mass spectrometry and multiresidue determination. Biological Mass Spectrometry, 1993, 22, 565-578.	0.5	37
25	Further Characterization of Glycine-Containing Microcystins from the McMurdo Dry Valleys of Antarctica. Toxins, 2015, 7, 493-515.	3.4	37
26	A Chemical Approach to the Determination of Floral Sources of New Zealand Honeys. Journal of Apicultural Research, 1989, 28, 212-222.	1.5	36
27	Identification of the calcium salt of epismilagenin .beta.-D-glucuronide in the bile crystals of sheep affected by Panicum dichotomiflorum and Panicum schinzii toxicoses. Journal of Agricultural and Food Chemistry, 1992, 40, 1606-1609.	5.2	36
28	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
29	Novel toxins produced by the dinoflagellate Karenia brevisulcata. Harmful Algae, 2012, 13, 47-57.	4.8	33
30	Isolation of the steroidal sapogenin epismilagenin from the bile of sheep affected by Panicum dichotomiflorum toxicosis. Journal of Agricultural and Food Chemistry, 1991, 39, 1963-1965.	5.2	31
31	Determination of Brevetoxins in Shellfish by LC/MS/MS: Single-Laboratory Validation. Journal of AOAC INTERNATIONAL, 2012, 95, 1097-1105.	1.5	27
32	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
33	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
34	High-performance liquid chromatographic determination of flumetsulam, a newly developed sulfonamide herbicide in soil. Journal of Chromatography A, 1996, 746, 25-30.	3.7	13
35	A sensitive LC-MS/MS assay for brevisulcenal and brevisulcatic acid toxins produced by the dinoflagellate Karenia brevisulcata. Toxicon, 2014, 84, 19-27.	1.6	11
36	Brevisulcatic Acids, Marine Ladder-Frame Polyethers from the Red Tide Dinoflagellate Karenia brevisulcata in New Zealand. Organic Letters, 2014, 16, 5850-5853.	4.6	11

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37	Mass spectra of benzylic hydroxydehydro-abietic acid methyl esters and their corresponding trimethylsilyl ethers. Organic Mass Spectrometry, 1985, 20, 695-698.	1.3	5
38	Comment on â€œEffect of Uncontrolled Factors in a Validated Liquid Chromatographyâ€“Tandem Mass Spectrometry Method Question Its Use as a Reference Method for Marine Toxins: Major Causes for Concernâ€• Analytical Chemistry, 2012, 84, 478-480.	6.5	3
39	Brevisulcenals-A1 and A2, Sulfate Esters of Brevisulcenals, Isolated from the Red Tide Dinoflagellate Karenia brevisulcata. Toxins, 2021, 13, 82.	3.4	3
40	Brevisulcenal-G, -H, and â€“I, Polycyclic Ether Marine Toxins from the Dinoflagellate Karenia brevisulcata. Heterocycles, 2018, 96, 2096.	0.7	3
41	Capillary GC with Selective Detectors (ECD, NPD, FPD). Chemistry of Plant Protection, 1995, , 67-112.	0.2	2
42	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