

# Mary Lehane

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10612414/publications.pdf>

Version: 2024-02-01

31  
papers

2,221  
citations

279798

23  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion suppression; A critical review on causes, evaluation, prevention and applications. <i>Talanta</i> , 2013, 115, 104-122.	5.5	370
2	Tetrodotoxin: Chemistry, Toxicity, Source, Distribution and Detection. <i>Toxins</i> , 2014, 6, 693-755.	3.4	282
3	First evidence of an extensive northern European distribution of azaspiracid poisoning (AZP) toxins in shellfish. <i>Toxicon</i> , 2002, 40, 909-915.	1.6	147
4	Ubiquitous "benign" alga emerges as the cause of shellfish contamination responsible for the human toxic syndrome, azaspiracid poisoning. <i>Toxicon</i> , 2003, 41, 145-151.	1.6	143
5	Detection of five new hydroxyl analogues of azaspiracids in shellfish using multiple tandem mass spectrometry. <i>Toxicon</i> , 2003, 41, 277-283.	1.6	129
6	The first identification of azaspiracids in shellfish from France and Spain. <i>Toxicon</i> , 2003, 42, 105-108.	1.6	120
7	Hawthorn ( <i>Crataegus</i> spp.) in the treatment of cardiovascular disease. <i>Pharmacognosy Reviews</i> , 2010, 4, 32.	1.2	100
8	Azaspiracid poisoning (AZP) toxins in shellfish: Toxicological and health considerations. <i>Toxicon</i> , 2010, 56, 173-190.	1.6	92
9	Strategies to avoid the mis-identification of anatoxin-a using mass spectrometry in the forensic investigation of acute neurotoxic poisoning. <i>Journal of Chromatography A</i> , 2005, 1082, 91-97.	3.7	75
10	Geographical, Temporal, and Species Variation of the Polyether Toxins, Azaspiracids, in Shellfish. <i>Environmental Science &amp; Technology</i> , 2003, 37, 3078-3084.	10.0	72
11	Liquid chromatography with electrospray ion-trap mass spectrometry for the determination of anatoxins in cyanobacteria and drinking water. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 583-588.	1.5	65
12	Anatoxins and degradation products, determined using hybrid quadrupole time-of-flight and quadrupole ion-trap mass spectrometry: forensic investigations of cyanobacterial neurotoxin poisoning. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1167-1175.	1.5	64
13	Amnesic shellfish poisoning toxins in bivalve molluscs in Ireland. <i>Toxicon</i> , 2005, 46, 852-858.	1.6	63
14	Liquid Chromatography~Tandem Mass Spectrometry Application, for the Determination of Extracellular Hepatotoxins in Irish Lake and Drinking Waters. <i>Analytical Chemistry</i> , 2007, 79, 3436-3447.	6.5	58
15	Determination of azaspiracids in shellfish using liquid chromatography/tandem electrospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 238-242.	1.5	54
16	Determination of toxic cyclic heptapeptides by liquid chromatography with detection using ultra-violet, protein phosphatase assay and tandem mass spectrometry. <i>Chemosphere</i> , 2004, 55, 1395-1402.	8.2	54
17	New fluorimetric method of liquid chromatography for the determination of the neurotoxin domoic acid in seafood and marine phytoplankton. <i>Journal of Chromatography A</i> , 2000, 871, 1-6.	3.7	46
18	Liquid chromatography~multiple tandem mass spectrometry for the determination of ten azaspiracids, including hydroxyl analogues in shellfish. <i>Journal of Chromatography A</i> , 2004, 1024, 63-70.	3.7	43

#	ARTICLE	IF	CITATIONS
19	Elucidation of the fragmentation pathways of azaspiracids, using electrospray ionisation, hydrogen/deuterium exchange, and multiple-stage mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003, 38, 1178-1186.	1.6	35
20	The occurrence of domoic acid linked to a toxic diatom bloom in a new potential vector: The tunicate <i>Pyura chilensis</i> (piure). <i>Toxicon</i> , 2009, 54, 754-762.	1.6	33
21	High-resolution mass spectrometry analysis of tetrodotoxin (TTX) and its analogues in puffer fish and shellfish. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1468-1489.	2.3	30
22	Rapid determination of polyether marine toxins using liquid chromatographyâ€“multiple tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1056, 77-82.	3.7	26
23	Development of a nano-electrospray MS <sup>n</sup> method for the analysis of serotonin and related compounds in urine using a LTQ-orbitrap mass spectrometer. <i>Talanta</i> , 2012, 90, 1-11.	5.5	24
24	LC-MS/MS method for the determination of tetrodotoxin (TTX) on a triple quadrupole mass spectrometer. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1728-1740.	2.3	23
25	Comparison of solid-phase extraction methods for the determination of azaspiracids in shellfish by liquid chromatographyâ€“electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 963, 353-361.	3.7	19
26	The fragmentation pathways of azaspiracids elucidated using positive nanospray hybrid quadrupole time-of-flight (QqTOF) mass spectrometry. <i>Spectroscopy</i> , 2004, 18, 355-362.	0.8	14
27	The Application and Validation of HybridSPE-Precipitation Cartridge Technology for the Rapid Clean-up of Serum Matrices (from Phospholipids) for the Clinical Analysis of Serotonin, Dopamine and Melatonin. <i>Chromatographia</i> , 2012, 75, 1257-1269.	1.3	14
28	The effect of simulated gastro-intestinal conditions on the antioxidant activity of herbal preparations made from native Irish hawthorn. <i>Journal of Herbal Medicine</i> , 2014, 4, 127-133.	2.0	13
29	Survey of microcystins in Singapore's reservoirs using liquid chromatographyâ€“tandem mass spectrometry (LC-MS/MS). <i>Marine and Freshwater Research</i> , 2020, 71, 659.	1.3	6
30	Sample extraction and liquid chromatographyâ€“tandem mass spectrometry (LC-MS/MS) method development and validation for the quantitative detection of cyanobacterial hepatotoxins and neurotoxins in Singapore's reservoirs. <i>Marine and Freshwater Research</i> , 2020, 71, 673.	1.3	4
31	Anatoxin-a and Analogues: Discovery, Distribution, and Toxicology. , 0, , 141-158.		2