Michael J Twiner

List of Publications by Year
in descending order

34 papers	1,508 citations	257450 24 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	1220 citing authors

#	Article	IF	Citations
1	Azaspiracid Shellfish Poisoning: A Review on the Chemistry, Ecology, and Toxicology with an Emphasis on Human Health Impacts. Marine Drugs, 2008, 6, 39-72.	4.6	197
2	Global Gene Expression Profiling in Larval Zebrafish Exposed to Microcystin-LR and Microcystis Reveals Endocrine Disrupting Effects of Cyanobacteria. Environmental Science & Technology, 2011, 45, 1962-1969.	10.0	110
3	Cytotoxic and cytoskeletal effects of azaspiracid-1 on mammalian cell lines. Toxicon, 2005, 45, 891-900.	1.6	105
4	Comparative analysis of two algicidal bacteria active against the red tide dinoflagellate Karenia brevis. Harmful Algae, 2008, 7, 682-691.	4.8	97
5	Possible physiological mechanisms for production of hydrogen peroxide by the ichthyotoxic flagellate Heterosigma akashiwo. Journal of Plankton Research, 2000, 22, 1961-1975.	1.8	80
6	Marine Algal Toxin Azaspiracid Is an Open-State Blocker of hERG Potassium Channels. Chemical Research in Toxicology, 2012, 25, 1975-1984.	3.3	72
7	Toxic effects of Heterosigma akashiwo do not appear to be mediated by hydrogen peroxide. Limnology and Oceanography, 2001, 46, 1400-1405.	3.1	70
8	Eosinophilia and biotoxin exposure in bottlenose dolphins (Tursiops truncatus) from a coastal area impacted by repeated mortality events. Environmental Research, 2010, 110, 548-555.	7.5	63
9	Teratogenic effects of azaspiracid-1 identified by microinjection of Japanese medaka (Oryzias latipes) embryos. Toxicon, 2005, 45, 881-890.	1.6	57
10	Concurrent Exposure of Bottlenose Dolphins (Tursiops truncatus) to Multiple Algal Toxins in Sarasota Bay, Florida, USA. PLoS ONE, 2011, 6, e17394.	2.5	53
11	Isolation, Structure Elucidation, Relative LC-MS Response, and in Vitro Toxicity of Azaspiracids from the Dinoflagellate Azadinium spinosum. Journal of Natural Products, 2014, 77, 2465-2474.	3.0	46
12	Azaspiracid-1 inhibits bioelectrical activity of spinal cord neuronal networks. Toxicon, 2006, 47, 766-773.	1.6	44
13	Fate and distribution of brevetoxin (PbTx) following lysis of Karenia brevis by algicidal bacteria, including analysis of open A-ring derivatives. Toxicon, 2007, 50, 1175-1191.	1.6	41
14	Azaspiracid Shellfish Poisoning: A Review on the Chemistry, Ecology, and Toxicology with an Emphasis on Human Health Impacts. Marine Drugs, 2008, 6, 39-72.	4.6	39
15	Extracellular organic compounds from the ichthyotoxic red tide alga Heterosigma akashiwo elevate cytosolic calcium and induce apoptosis in Sf9 cells. Harmful Algae, 2005, 4, 789-800.	4.8	38
16	Extraction and analysis of lipophilic brevetoxins from the red tide dinoflagellate Karenia brevis. Analytical Biochemistry, 2007, 369, 128-135.	2.4	38
17	Transcriptional profiling and inhibition of cholesterol biosynthesis in human T lymphocyte cells by the marine toxin azaspiracid. Genomics, 2008, 91, 289-300.	2.9	38
18	Structure Elucidation, Relative LCâ€“MS Response and In Vitro Toxicity of Azaspiracids 7â€“10 Isolated from Mussels (Mytilus edulis). Journal of Agricultural and Food Chemistry, 2015, 63, 5083-5091.	5.2	38

#	Article	IF	Citations
19	Epimers of Azaspiracids: Isolation, Structural Elucidation, Relative LC-MS Response, and in Vitro Toxicity of 37-epi-Azaspiracid-1. Chemical Research in Toxicology, 2014, 27, 587-600.	3.3	36
20	N,N-Dimethylformamide Modulates Acid Extrusion from Murine Hepatoma Cells. Toxicology and Applied Pharmacology, 1998, 153, 143-151.	2.8	33
21	Structure Elucidation and in Vitro Toxicity of New Azaspiracids Isolated from the Marine Dinoflagellate Azadinium poporum. Marine Drugs, 2015, 13, 6687-6702.	4.6	33
22	Induction of Apoptosis Pathways in Several Cell Lines following Exposure to the Marine Algal Toxin Azaspiracid. Chemical Research in Toxicology, 2012, 25, 1493-1501.	3.3	30
23	Extracellular organics from specific cultures of Heterosigma akashiwo (Raphidophyceae) irreversibly alter respiratory activity in mammalian cells. Harmful Algae, 2004, 3, 173-182.	4.8	28
24	Structureâ€“Activity Relationship Studies Using Natural and Synthetic Okadaic Acid/Dinophysistoxin Toxins. Marine Drugs, 2016, 14, 207.	4.6	27
25	Identification of 21,22-Dehydroazaspiracids in Mussels (Mytilus edulis) and in Vitro Toxicity of Azaspiracid-26. Journal of Natural Products, 2018, 81, 885-893.	3.0	25
26	Comparative Effects of the Marine Algal Toxins Azaspiracid-1, -2, and -3 on Jurkat T Lymphocyte Cells. Chemical Research in Toxicology, 2012, 25, 747-754.	3.3	24
27	Total Synthesis of Dinophysistoxinâ€2 and 2â€epiâ€Dinophysistoxinâ€2 and Their PPase Inhibition. Angewandte Chemie - International Edition, 2011, 50, 7631-7635.	13.8	15
28	Inhibitory effects of pectenotoxins from marine algae on the polymerization of various actin isoforms. Toxicology in Vitro, 2012, 26, 493-499.	2.4	9
29	Screening and Treatment for Subclinical Hypertensive Heart Disease in Emergency Department Patients With Uncontrolled Blood Pressure: A Costâ€effectiveness Analysis. Academic Emergency Medicine, 2017, 24, 168-176.	1.8	8
30	Angiotensinâ€converting enzyme inhibitors increase antiâ€fibrotic biomarkers in African Americans with left ventricular hypertrophy. Journal of Clinical Hypertension, 2021, 23, 1008-1016.	2.0	6
31	Effect of Lower Blood Pressure Goals on Left Ventricular Structure and Function in Patients With Subclinical Hypertensive Heart Disease. American Journal of Hypertension, 2020, 33, 837-845.	2.0	4
32	Public Housing Resident Perspectives on Smoking, Barriers for Smoking Cessation, and Changes in Smoking Mandates. Inquiry (United States), 2022, 59, 004695802210928.	0.9	2
33	Ultraâ€high dose intravenous nitroglycerin in an ESRD patient with acutely decompensated heart failure. Journal of the American College of Emergency Physicians Open, 2021, 2, e12387.	0.7	1
34	Randomized Controlled Trial of a Novel Silicone Device for the Packing of Cutaneous Abscesses in the Emergency Department: A Pilot Study. Open Access Emergency Medicine, 2021, Volume 13, 335-341.	1.3	1