

Zouher Amzil

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,230
citations

172207

29
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233125

45
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62
all docs

62
docs citations

62
times ranked

1776
citing authors

#	ARTICLE	IF	CITATIONS
1	Ovatoxin-a and Palytoxin Accumulation in Seafood in Relation to <i>Ostreopsis cf. ovata</i> Blooms on the French Mediterranean Coast. <i>Marine Drugs</i> , 2012, 10, 477-496.	2.2	125
2	Domoic acid accumulation in French shellfish in relation to toxic species of <i>Pseudo-nitzschia multiseries</i> and <i>P. pseudodelicatissima</i> . <i>Toxicon</i> , 2001, 39, 1245-1251.	0.8	100
3	First Evidence of Palytoxin and 42-Hydroxy-palytoxin in the Marine Cyanobacterium <i>Trichodesmium</i> . <i>Marine Drugs</i> , 2011, 9, 543-560.	2.2	99
4	Toxicity screening of 13 <i>Gambierdiscus</i> strains using neuro-2a and erythrocyte lysis bioassays. <i>Harmful Algae</i> , 2017, 63, 173-183.	2.2	98
5	Complex Toxin Profile of French Mediterranean <i>Ostreopsis cf. ovata</i> Strains, Seafood Accumulation and Ovatoxins Purification. <i>Marine Drugs</i> , 2014, 12, 2851-2876.	2.2	78
6	Pinnatoxin G is responsible for atypical toxicity in mussels (<i>Mytilus galloprovincialis</i>) and clams (<i>Venerupis decussata</i>) from Ingril, a French Mediterranean lagoon. <i>Toxicon</i> , 2013, 75, 16-26.	0.8	74
7	Report on the First Detection of Pectenotoxin-2, Spirolide-A and Their Derivatives in French Shellfish. <i>Marine Drugs</i> , 2007, 5, 168-179.	2.2	73
8	$\hat{1}^2$ -N-methylamino-l-alanine (BMAA) and isomers: Distribution in different food web compartments of Thau lagoon, French Mediterranean Sea. <i>Marine Environmental Research</i> , 2015, 110, 8-18.	1.1	73
9	First report on azaspiracid and yessotoxin groups detection in French shellfish. <i>Toxicon</i> , 2008, 52, 39-48.	0.8	68
10	Characterization of ovatoxin-h, a new ovatoxin analog, and evaluation of chromatographic columns for ovatoxin analysis and purification. <i>Journal of Chromatography A</i> , 2015, 1388, 87-101.	1.8	61
11	Production of BMAA and DAB by diatoms (<i>Phaeodactylum tricornutum</i> , <i>Chaetoceros</i> sp., <i>Chaetoceros</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T <i>Algae</i> , 2016, 58, 45-50.	2.2	61
12	Toxicity and Growth Assessments of Three Thermophilic Benthic Dinoflagellates (<i>Ostreopsis cf. ovata</i>), Tj ETQq0 0 0 rgBT /Overlock 10 T 2016, 8, 297.	1.5	59
13	Influence of Environmental Factors on the Paralytic Shellfish Toxin Content and Profile of <i>Alexandrium catenella</i> (Dinophyceae) Isolated from the Mediterranean Sea. <i>Marine Drugs</i> , 2013, 11, 1583-1601.	2.2	57
14	Beta-N-Methylamino-l-Alanine: LC-MS/MS Optimization, Screening of Cyanobacterial Strains and Occurrence in Shellfish from Thau, a French Mediterranean Lagoon. <i>Marine Drugs</i> , 2014, 12, 5441-5467.	2.2	56
15	Systematic detection of BMAA ($\hat{1}^2$ -N-methylamino-l-alanine) and DAB (2,4-diaminobutyric acid) in mollusks collected in shellfish production areas along the French coasts. <i>Toxicon</i> , 2016, 110, 35-46.	0.8	54
16	<i>Tectus niloticus</i> (Tegulidae, Gastropod) as a Novel Vector of Ciguatera Poisoning: Detection of Pacific Ciguatoxins in Toxic Samples from Nuku Hiva Island (French Polynesia). <i>Toxins</i> , 2018, 10, 2.	1.5	54
17	Evidence of the bioaccumulation of ciguatoxins in giant clams (<i>Tridacna maxima</i>) exposed to <i>Gambierdiscus</i> spp. cells. <i>Harmful Algae</i> , 2016, 57, 78-87.	2.2	53
18	Exposure to toxic <i>Alexandrium minutum</i> activates the detoxifying and antioxidant systems in gills of the oyster <i>Crassostrea gigas</i> . <i>Harmful Algae</i> , 2015, 48, 55-62.	2.2	45

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19	Viability, growth and toxicity of <i>Alexandrium catenella</i> and <i>Alexandrium minutum</i> (Dinophyceae) following ingestion and gut passage in the oyster <i>Crassostrea gigas</i> . <i>Aquatic Living Resources</i> , 2007, 20, 51-57.	0.5	43
20	Three decades of data on phytoplankton and phycotoxins on the French coast: Lessons from REPHY and REPHYTOX. <i>Harmful Algae</i> , 2021, 102, 101733.	2.2	43
21	Paralytic shellfish poison outbreaks in the Penzance estuary: Environmental factors affecting toxin uptake in the oyster, <i>Crassostrea gigas</i> . <i>Aquatic Living Resources</i> , 2004, 17, 207-214.	0.5	42
22	Toxicological Investigations on the Sea Urchin <i>Tripneustes gratilla</i> (Toxopneustidae, Echinoid) from Anaho Bay (Nuku Hiva, French Polynesia): Evidence for the Presence of Pacific Ciguatoxins. <i>Marine Drugs</i> , 2018, 16, 122.	2.2	42
23	Demonstrated transfer of cyanobacteria and cyanotoxins along a freshwater-marine continuum in France. <i>Harmful Algae</i> , 2019, 87, 101639.	2.2	38
24	Effects of Organic and Inorganic Nitrogen on the Growth and Production of Domoic Acid by <i>Pseudo-nitzschia multiseries</i> and <i>P. australis</i> (Bacillariophyceae) in Culture. <i>Marine Drugs</i> , 2015, 13, 7067-7086.	2.2	36
25	Quantitative analysis of azaspiracids in <i>Azadinium spinosum</i> cultures. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 833-846.	1.9	35
26	Extended evaluation of polymeric and lipophilic sorbents for passive sampling of marine toxins. <i>Toxicon</i> , 2014, 91, 57-68.	0.8	34
27	Okadaic acid and PP2A cellular immunolocalization in <i>Prorocentrum lima</i> (Dinophyceae). <i>Phycologia</i> , 1999, 38, 41-46.	0.6	32
28	New insights on the species-specific allelopathic interactions between macrophytes and marine HAB dinoflagellates. <i>PLoS ONE</i> , 2017, 12, e0187963.	1.1	32
29	Modelling the accumulation of PSP toxins in Thau Lagoon oysters (<i>Crassostrea gigas</i>) from trials using mixed cultures of <i>Alexandrium catenella</i> and <i>Thalassiosira weissflogii</i> . <i>Aquatic Living Resources</i> , 2007, 20, 59-67.	0.5	31
30	Exposure to the Neurotoxic Dinoflagellate, <i>Alexandrium catenella</i> , Induces Apoptosis of the Hemocytes of the Oyster, <i>Crassostrea gigas</i> . <i>Marine Drugs</i> , 2013, 11, 4799-4814.	2.2	30
31	<i>Ostreopsis lenticularis</i> Y. Fukuyo (Dinophyceae, Gonyaulacales) from French Polynesia (South Pacific) Tj ETQq1 1 0,784314 rgBT /Ove	2.2	29
32	Detoxification of Pacific oyster <i>Crassostrea gigas</i> fed on diets of <i>Skeletonema costatum</i> with and without silt, following PSP contamination by <i>Alexandrium minutum</i> . <i>Aquatic Living Resources</i> , 2008, 21, 13-20.	0.5	28
33	Passive Sampling and High Resolution Mass Spectrometry for Chemical Profiling of French Coastal Areas with a Focus on Marine Biotoxins. <i>Environmental Science & Technology</i> , 2016, 50, 8522-8529.	4.6	28
34	Interactions between Scientists, Managers and Policy Makers in the Framework of the French MediOs Project on <i>Ostreopsis</i> (2008-2010). <i>Cryptogamie, Algologie</i> , 2012, 33, 137-142.	0.3	27
35	Physiological and Metabolic Responses of Freshwater and Brackish-Water Strains of <i>Microcystis aeruginosa</i> Acclimated to a Salinity Gradient: Insight into Salt Tolerance. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	27
36	Toxin content of <i>Ostreopsis cf. ovata</i> depends on bloom phases, depth and macroalgal substrate in the NW Mediterranean Sea. <i>Harmful Algae</i> , 2020, 92, 101727.	2.2	23

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37	Effects of copper and butyltin compounds on the growth, photosynthetic activity and toxin production of two HAB dinoflagellates: The planktonic <i>Alexandrium catenella</i> and the benthic <i>Ostreopsis cf. ovata</i> . <i>Aquatic Toxicology</i> , 2018, 196, 154-167.	1.9	22
38	Oyster transcriptome response to <i>Alexandrium</i> exposure is related to saxitoxin load and characterized by disrupted digestion, energy balance, and calcium and sodium signaling. <i>Aquatic Toxicology</i> , 2018, 199, 127-137.	1.9	19
39	Monitoring the Emergence of Algal Toxins in Shellfish: First Report on Detection of Brevetoxins in French Mediterranean Mussels. <i>Marine Drugs</i> , 2021, 19, 393.	2.2	19
40	Influence of sudden salinity variation on the physiology and domoic acid production by two strains of <i>Pseudo-nitzschia australis</i> . <i>Journal of Phycology</i> , 2019, 55, 186-195.	1.0	18
41	<i>Alexandrium ostenfeldii</i> growth and spirolide production in batch culture and photobioreactor. <i>Harmful Algae</i> , 2011, 10, 794-803.	2.2	17
42	<i>Ostreopsis cf. ovata</i> in the French Mediterranean Coast: Molecular Characterisation and Toxin Profile. <i>Cryptogamie, Algologie</i> , 2012, 33, 89-98.	0.3	17
43	Spirolide uptake and detoxification by <i>Crassostrea gigas</i> exposed to the toxic dinoflagellate <i>Alexandrium ostenfeldii</i> . <i>Aquaculture</i> , 2012, 358-359, 108-115.	1.7	17
44	Exposure to the Paralytic Shellfish Toxin Producer <i>Alexandrium catenella</i> Increases the Susceptibility of the Oyster <i>Crassostrea gigas</i> to Pathogenic <i>Vibrios</i> . <i>Toxins</i> , 2016, 8, 24.	1.5	17
45	Acclimation of the Marine Diatom <i>Pseudo-nitzschia australis</i> to Different Salinity Conditions: Effects on Growth, Photosynthetic Activity, and Domoic Acid Content ¹ . <i>Journal of Phycology</i> , 2020, 56, 97-109.	1.0	17
46	Paralytic Toxins Accumulation and Tissue Expression of α -Amylase and Lipase Genes in the Pacific Oyster <i>Crassostrea gigas</i> Fed with the Neurotoxic Dinoflagellate <i>Alexandrium catenella</i> . <i>Marine Drugs</i> , 2012, 10, 2519-2534.	2.2	15
47	Microalgae and Toxins. , 2018, , 263-305.		15
48	Tissue Distribution and Elimination of Ciguatoxins in <i>Tridacna maxima</i> (Tridacnidae, Bivalvia) Fed <i>Gambierdiscus polynesiensis</i> . <i>Toxins</i> , 2018, 10, 189.	1.5	15
49	Salt Shock Responses of <i>Microcystis</i> Revealed through Physiological, Transcript, and Metabolomic Analyses. <i>Toxins</i> , 2020, 12, 192.	1.5	15
50	Guidance Level for Brevetoxins in French Shellfish. <i>Marine Drugs</i> , 2021, 19, 520.	2.2	15
51	Chemodiversity of Brevetoxins and Other Potentially Toxic Metabolites Produced by <i>Karenia</i> spp. and Their Metabolic Products in Marine Organisms. <i>Marine Drugs</i> , 2021, 19, 656.	2.2	15
52	Molecular Characterization of Voltage-Gated Sodium Channels and Their Relations with Paralytic Shellfish Toxin Bioaccumulation in the Pacific Oyster <i>Crassostrea gigas</i> . <i>Marine Drugs</i> , 2017, 15, 21.	2.2	13
53	First Characterization of <i>Ostreopsis cf. ovata</i> (Dinophyceae) and Detection of Ovatoxins during a Multispecific and Toxic <i>Ostreopsis</i> Bloom on French Atlantic Coast. <i>Marine Drugs</i> , 2022, 20, 461.	2.2	13
54	A Feedback Mechanism to Control Apoptosis Occurs in the Digestive Gland of the Oyster <i>Crassostrea gigas</i> Exposed to the Paralytic Shellfish Toxins Producer <i>Alexandrium catenella</i> . <i>Marine Drugs</i> , 2014, 12, 5035-5054.	2.2	12

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55	Modelling paralytic shellfish toxins (PST) accumulation in <i>Crassostrea gigas</i> by using Dynamic Energy Budgets (DEB). <i>Journal of Sea Research</i> , 2019, 143, 152-164.	0.6	12
56	Taxonomy and toxicity of a bloom-forming <i>Ostreopsis</i> species (Dinophyceae, Gonyaulacales) in Tahiti island (South Pacific Ocean): one step further towards resolving the identity of <i>O. siamensis</i> . <i>Harmful Algae</i> , 2020, 98, 101888.	2.2	12
57	Combined effects of temperature and light intensity on growth, metabolome and ovatoxin content of a Mediterranean <i>Ostreopsis</i> cf. <i>ovata</i> strain. <i>Harmful Algae</i> , 2021, 106, 102060.	2.2	6
58	Winter accumulation of paralytic shellfish toxins in digestive glands of mussels from Arcachon and Toulon (France) without detectable toxic plankton species revealed by interference in the mouse bioassay for lipophilic toxins. <i>Natural Toxins</i> , 1999, 7, 271-277.	1.0	5
59	Toxicity of palytoxin, purified ovatoxin-a, ovatoxin-d and extracts of <i>Ostreopsis</i> cf. <i>ovata</i> on the Caco-2 intestinal barrier model. <i>Environmental Toxicology and Pharmacology</i> , 2022, 94, 103909.	2.0	3
60	Winter accumulation of paralytic shellfish toxins in digestive glands of mussels from Arcachon and Toulon (France) without detectable toxic plankton species revealed by interference in the mouse bioassay for lipophilic toxins. <i>Natural Toxins</i> , 1999, 7, 271-277.	1.0	1