Zouher Amzil

List of Publications by Year
in descending order

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60 papers	2,230 citations	172457 29 h-index	233421 45 g-index
62 all docs	62 docs citations	62 times ranked	1776 citing authors

#	Article	IF	Citations
1	Toxicity of palytoxin, purified ovatoxin-a, ovatoxin-d and extracts of Ostreopsis cf. ovata on the Caco-2 intestinal barrier model. Environmental Toxicology and Pharmacology, 2022, 94, 103909.	4.0	3
2	First Characterization of Ostreopsis cf. ovata (Dinophyceae) and Detection of Ovatoxins during a Multispecific and Toxic Ostreopsis Bloom on French Atlantic Coast. Marine Drugs, 2022, 20, 461.	4.6	13
3	Three decades of data on phytoplankton and phycotoxins on the French coast: Lessons from REPHY and REPHYTOX. Harmful Algae, 2021, 102, 101733.	4.8	43
4	Combined effects of temperature and light intensity on growth, metabolome and ovatoxin content of a Mediterranean Ostreopsis cf. ovata strain. Harmful Algae, 2021, 106, 102060.	4.8	6
5	Monitoring the Emergence of Algal Toxins in Shellfish: First Report on Detection of Brevetoxins in French Mediterranean Mussels. Marine Drugs, 2021, 19, 393.	4.6	19
6	Guidance Level for Brevetoxins in French Shellfish. Marine Drugs, 2021, 19, 520.	4.6	15
7	Chemodiversity of Brevetoxins and Other Potentially Toxic Metabolites Produced by Karenia spp. and Their Metabolic Products in Marine Organisms. Marine Drugs, 2021, 19, 656.	4.6	15
8	Acclimation of the Marine Diatom Pseudoâ€nitzschia australis to Different Salinity Conditions: Effects on Growth, Photosynthetic Activity, and Domoic Acid Content¹. Journal of Phycology, 2020, 56, 97-109.	2.3	17
9	Toxin content of Ostreopsis cf. ovata depends on bloom phases, depth and macroalgal substrate in the NW Mediterranean Sea. Harmful Algae, 2020, 92, 101727.	4.8	23
10	Taxonomy and toxicity of a bloom-forming Ostreopsis species (Dinophyceae, Gonyaulacales) in Tahiti island (South Pacific Ocean): one step further towards resolving the identity of O. siamensis.. Harmful Algae, 2020, 98, 101888.	4.8	12
11	Salt Shock Responses of Microcystis Revealed through Physiological, Transcript, and Metabolomic Analyses. Toxins, 2020, 12, 192.	3.4	15
12	Demonstrated transfer of cyanobacteria and cyanotoxins along a freshwater-marine continuum in France. Harmful Algae, 2019, 87, 101639.	4.8	38
13	Physiological and Metabolic Responses of Freshwater and Brackish-Water Strains of Microcystis aeruginosa Acclimated to a Salinity Gradient: Insight into Salt Tolerance. Applied and Environmental Microbiology, 2019, 85, .	3.1	27
14	Ostreopsis lenticularis Y. Fukuyo (Dinophyceae, Gonyaulacales) from French Polynesia (South Pacific) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.8	29
15	Modelling paralytic shellfish toxins (PST) accumulation in Crassostrea gigas by using Dynamic Energy Budgets (DEB). Journal of Sea Research, 2019, 143, 152-164.	1.6	12
16	Influence of sudden salinity variation on the physiology and domoic acid production by two strains of Pseudoâ€nitzschia australis. Journal of Phycology, 2019, 55, 186-195.	2.3	18
17	Effects of copper and butyltin compounds on the growth, photosynthetic activity and toxin production of two HAB dinoflagellates: The planktonic Alexandrium catenella and the benthic Ostreopsis cf. ovata. Aquatic Toxicology, 2018, 196, 154-167.	4.0	22
18	Oyster transcriptome response to Alexandrium exposure is related to saxitoxin load and characterized by disrupted digestion, energy balance, and calcium and sodium signaling. Aquatic Toxicology, 2018, 199, 127-137.	4.0	19

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19	Microalgae and Toxins. , 2018, , 263-305.		15
20	Toxicological Investigations on the Sea Urchin Tripneustes gratilla (Toxopneustidae, Echinoid) from Anaho Bay (Nuku Hiva, French Polynesia): Evidence for the Presence of Pacific Ciguatoxins. Marine Drugs, 2018, 16, 122.	4.6	42
21	Tectus niloticus (Tegulidae, Gastropod) as a Novel Vector of Ciguatera Poisoning: Detection of Pacific Ciguatoxins in Toxic Samples from Nuku Hiva Island (French Polynesia). Toxins, 2018, 10, 2.	3.4	54
22	Tissue Distribution and Elimination of Ciguatoxins in Tridacna maxima (Tridacnidae, Bivalvia) Fed Gambierdiscus polynesiensis. Toxins, 2018, 10, 189.	3.4	15
23	Toxicity screening of 13 Gambierdiscus strains using neuro-2a and erythrocyte lysis bioassays. Harmful Algae, 2017, 63, 173-183.	4.8	98
24	Molecular Characterization of Voltage-Gated Sodium Channels and Their Relations with Paralytic Shellfish Toxin Bioaccumulation in the Pacific Oyster Crassostrea gigas. Marine Drugs, 2017, 15, 21.	4.6	13
25	New insights on the species-specific allelopathic interactions between macrophytes and marine HAB dinoflagellates. PLoS ONE, 2017, 12, e0187963.	2.5	32
26	Exposure to the Paralytic Shellfish Toxin Producer Alexandrium catenella Increases the Susceptibility of the Oyster Crassostrea gigas to Pathogenic Vibrios. Toxins, 2016, 8, 24.	3.4	17
27	Toxicity and Growth Assessments of Three Thermophilic Benthic Dinoflagellates (Ostreopsis cf. ovata,) Tj ETQq1 1 0.784314 rgBT /Ov 2016, 8, 297.	3.4	59
28	Passive Sampling and High Resolution Mass Spectrometry for Chemical Profiling of French Coastal Areas with a Focus on Marine Biotoxins. Environmental Science & Technology, 2016, 50, 8522-8529.	10.0	28
29	Production of BMAA and DAB by diatoms (Phaeodactylum tricornutum , Chaetoceros sp., Chaetoceros) Tj ETQq1 1 0.784314 rgBT /O Algae, 2016, 58, 45-50.	4.8	61
30	Evidence of the bioaccumulation of ciguatoxins in giant clams (Tridacna maxima) exposed to Gambierdiscus spp. cells. Harmful Algae, 2016, 57, 78-87.	4.8	53
31	Systematic detection of BMAA (Î²-N-methylamino-l-alanine) and DAB (2,4-diaminobutyric acid) in mollusks collected in shellfish production areas along the French coasts. Toxicon, 2016, 110, 35-46.	1.6	54
32	Effects of Organic and Inorganic Nitrogen on the Growth and Production of Domoic Acid by Pseudo-nitzschia multiseries and P. australis (Bacillariophyceae) in Culture. Marine Drugs, 2015, 13, 7067-7086.	4.6	36
33	Exposure to toxic Alexandrium minutum activates the detoxifying and antioxidant systems in gills of the oyster Crassostrea gigas. Harmful Algae, 2015, 48, 55-62.	4.8	45
34	Characterization of ovatoxin-h, a new ovatoxin analog, and evaluation of chromatographic columns for ovatoxin analysis and purification. Journal of Chromatography A, 2015, 1388, 87-101.	3.7	61
35	Î²-N-methylamino-l-alanine (BMAA) and isomers: Distribution in different food web compartments of Thau lagoon, French Mediterranean Sea. Marine Environmental Research, 2015, 110, 8-18.	2.5	73
36	A Feedback Mechanism to Control Apoptosis Occurs in the Digestive Gland of the Oyster Crassostrea gigas Exposed to the Paralytic Shellfish Toxins Producer Alexandrium catenella. Marine Drugs, 2014, 12, 5035-5054.	4.6	12

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37	Complex Toxin Profile of French Mediterranean Ostreopsis cf. ovata Strains, Seafood Accumulation and Ovatoxins Prepurification. Marine Drugs, 2014, 12, 2851-2876.	4.6	78
38	Beta-N-Methylamino-l-Alanine: LC-MS/MS Optimization, Screening of Cyanobacterial Strains and Occurrence in Shellfish from Thau, a French Mediterranean Lagoon. Marine Drugs, 2014, 12, 5441-5467.	4.6	56
39	Extended evaluation of polymeric and lipophilic sorbents for passive sampling of marine toxins. Toxicon, 2014, 91, 57-68.	1.6	34
40	Pinnatoxin G is responsible for atypical toxicity in mussels (Mytilus galloprovincialis) and clams (Venerupis decussata) from Ingril, a French Mediterranean lagoon. Toxicon, 2013, 75, 16-26.	1.6	74
41	Exposure to the Neurotoxic Dinoflagellate, Alexandrium catenella, Induces Apoptosis of the Hemocytes of the Oyster, Crassostrea gigas. Marine Drugs, 2013, 11, 4799-4814.	4.6	30
42	Influence of Environmental Factors on the Paralytic Shellfish Toxin Content and Profile of Alexandrium catenella (Dinophyceae) Isolated from the Mediterranean Sea. Marine Drugs, 2013, 11, 1583-1601.	4.6	57
43	Ostreopsiscf.ovatain the French Mediterranean Coast: Molecular Characterisation and Toxin Profile. Cryptogamie, Algologie, 2012, 33, 89-98.	0.9	17
44	Interactions between Scientists, Managers and Policy Makers in the Framework of the French MediOs Project onOstreopsis(2008â€“2010). Cryptogamie, Algologie, 2012, 33, 137-142.	0.9	27
45	Spirolide uptake and detoxification by Crassostrea gigas exposed to the toxic dinoflagellate Alexandrium ostenfeldii. Aquaculture, 2012, 358-359, 108-115.	3.5	17
46	Ovatoxin-a and Palytoxin Accumulation in Seafood in Relation to Ostreopsis cf. ovata Blooms on the French Mediterranean Coast. Marine Drugs, 2012, 10, 477-496.	4.6	125
47	Paralytic Toxins Accumulation and Tissue Expression of Î±-Amylase and Lipase Genes in the Pacific Oyster Crassostrea gigas Fed with the Neurotoxic Dinoflagellate Alexandrium catenella. Marine Drugs, 2012, 10, 2519-2534.	4.6	15
48	Quantitative analysis of azaspiracids in Azadinium spinosum cultures. Analytical and Bioanalytical Chemistry, 2012, 403, 833-846.	3.7	35
49	Alexandrium ostenfeldii growth and spirolide production in batch culture and photobioreactor. Harmful Algae, 2011, 10, 794-803.	4.8	17
50	First Evidence of Palytoxin and 42-Hydroxy-palytoxin in the Marine Cyanobacterium Trichodesmium. Marine Drugs, 2011, 9, 543-560.	4.6	99
51	First report on azaspiracid and yessotoxin groups detection in French shellfish. Toxicon, 2008, 52, 39-48.	1.6	68
52	Detoxification of Pacific oysterCrassostrea gigasfed on diets ofSkeletonema costatumwith and without silt, following PSP contamination byAlexandrium minutum. Aquatic Living Resources, 2008, 21, 13-20.	1.2	28
53	Modelling the accumulation of PSP toxins in Thau Lagoon oysters (Crassostrea gigas) from trials using mixed cultures ofAlexandrium catenellaandThalassiosira weissflogii. Aquatic Living Resources, 2007, 20, 59-67.	1.2	31
54	Viability, growth and toxicity ofAlexandrium catenellaandAlexandrium minutum(Dinophyceae) following ingestion and gut passage in the oysterCrassostrea gigas. Aquatic Living Resources, 2007, 20, 51-57.	1.2	43

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55	Report on the First Detection of Pectenotoxin-2, Spirolide-A and Their Derivatives in French Shellfish. Marine Drugs, 2007, 5, 168-179.	4.6	73
56	Paralytic shellfish poison outbreaks in the PenzÃ© estuary: Environmental factors affecting toxin uptake in the oyster,Crassostrea gigas. Aquatic Living Resources, 2004, 17, 207-214.	1.2	42
57	Domoic acid accumulation in French shellfish in relation to toxic species of Pseudo-nitzschia multiseries and P. pseudodelicatissima. Toxicon, 2001, 39, 1245-1251.	1.6	100
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. Natural Toxins, 1999, 7, 271-277.	1.0	5
59	Okadaic acid and PP2A cellular immunolocalization in Prorocentrum lima (Dinophyceae). Phycologia, 1999, 38, 41-46.	1.4	32
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. Natural Toxins, 1999, 7, 271-277.	1.0	1