Luciana Tartaglione

List of Publications by Year
in descending order

59 papers	3,231 citations	126907 33 h-index	149698 56 g-index
61 all docs	61 docs citations	61 times ranked	1858 citing authors

#	Article	IF	Citations
1	CyanoMetDB, a comprehensive public database of secondary metabolites from cyanobacteria. Water Research, 2021, 196, 117017.	11.3	142
2	Toward Isolation of Palytoxins: Liquid Chromatography Coupled to Low- or High-Resolution Mass Spectrometry for the Study on the Impact of Drying Techniques, Solvents and Materials. Toxins, 2021, 13, 650.	3.4	2
3	Massive Occurrence of the Harmful Benthic Dinoflagellate Ostreopsis cf. ovata in the Eastern Adriatic Sea. Toxins, 2019, 11, 300.	3.4	16
4	First detection of tetrodotoxin and high levels of paralytic shellfish poisoning toxins in shellfish from Sicily (Italy) by three different analytical methods. Chemosphere, 2019, 215, 881-892.	8.2	57
5	Plastic-associated harmful microalgal assemblages in marine environment. Environmental Pollution, 2019, 244, 617-626.	7.5	69
6	NMR-based phytochemical analysis of Vitis vinifera cv Falanghina leaves. Characterization of a previously undescribed biflavonoid with antiproliferative activity. FÃ¬toterapÃ¬Ã¢, 2018, 125, 13-17.	2.2	17
7	Role of temperature and nutrients on the growth and toxin production of Prorocentrum hoffmannianum (Dinophyceae) from the Florida Keys. Harmful Algae, 2018, 80, 140-148.	4.8	13
8	Influence of environmental factors on the toxin production of Ostreopsis cf. ovata during bloom events. Marine Pollution Bulletin, 2017, 123, 261-268.	5.0	20
9	Variability in Toxin Profiles of the Mediterranean Ostreopsis cf. ovata and in Structural Features of the Produced Ovatoxins. Environmental Science & Technology, 2017, 51, 13920-13928.	10.0	36
10	Toxin Variability Estimations of 68 Alexandrium ostenfeldii (Dinophyceae) Strains from The Netherlands Reveal a Novel Abundant Gymnodimine. Microorganisms, 2017, 5, 29.	3.6	24
11	Mass Spectrometryâ€“Based Methods for the Structural Characterization of Marine Toxins. Comprehensive Analytical Chemistry, 2017, , 193-209.	1.3	1
12	Effects of N and P availability on carbon allocation in the toxic dinoflagellate Ostreopsis cf. ovata. Harmful Algae, 2016, 55, 202-212.	4.8	15
13	An aquarium hobbyist poisoning: Identification of new palytoxins in Palythoa cf. toxica and complete detoxification of the aquarium water by activated carbon. Toxicon, 2016, 121, 41-50.	1.6	17
14	Ostreopsis fattorussoi sp. nov. (Dinophyceae), a new benthic toxic Ostreopsis species from the eastern Mediterranean Sea. Journal of Phycology, 2016, 52, 1064-1084.	2.3	68
15	Ostreopsis cf. ovata from western Mediterranean Sea: Physiological responses under different temperature and salinity conditions. Harmful Algae, 2016, 57, 98-108.	4.8	24
16	Chemical, molecular, and eco-toxicological investigation of Ostreopsis sp. from Cyprus Island: structural insights into four new ovatoxins by LC-HRMS/MS. Analytical and Bioanalytical Chemistry, 2016, 408, 915-932.	3.7	45
17	Ovatoxin-a, A Palytoxin Analogue Isolated from Ostreopsis cf. ovata Fukuyo: Cytotoxic Activity and ELISA Detection. Environmental Science & Technology, 2016, 50, 1544-1551.	10.0	30
18	Determination of Palytoxins in Soft Coral and Seawater from a Home Aquarium. Comparison between Palythoa- and Ostreopsis-Related Inhalatory Poisonings. Environmental Science & Technology, 2016, 50, 1023-1030.	10.0	15

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19	(1S,3R,4S,5R)5-O-Caffeoylquinic acid: Isolation, stereo-structure characterization and biological activity. Food Chemistry, 2015, 178, 306-310.	8.2	26
20	Liquid chromatographyâ€“high-resolution mass spectrometry for palytoxins in mussels. Analytical and Bioanalytical Chemistry, 2015, 407, 1463-1473.	3.7	34
21	The sxt Gene and Paralytic Shellfish Poisoning Toxins as Markers for the Monitoring of Toxic Alexandrium Species Blooms. Environmental Science & Technology, 2015, 49, 14230-14238.	10.0	25
22	The novel ovatoxin-g and isobaric palytoxin (so far referred to as putative palytoxin) from Ostreopsis cf. ovata (NW Mediterranean Sea): structural insights by LC-high resolution MSn. Analytical and Bioanalytical Chemistry, 2015, 407, 1191-1204.	3.7	70
23	Marine Toxins in Italy: The More You Look, the More You Find. European Journal of Organic Chemistry, 2014, 2014, 1357-1369.	2.4	24
24	Growth dynamics in relation to the production of the main cellular components in the toxic dinoflagellate Ostreopsis cf. ovata. Harmful Algae, 2014, 36, 1-10.	4.8	30
25	Identification of Palytoxinâ€“Ca²⁺ Complex by NMR and Molecular Modeling Techniques. Journal of Organic Chemistry, 2014, 79, 72-79.	3.2	5
26	First Finding of Ostreopsis cf. ovata Toxins in Marine Aerosols. Environmental Science & Technology, 2014, 48, 3532-3540.	10.0	104
27	Stereoisomers of 42-Hydroxy Palytoxin from Hawaiian Palythoa toxica and P. tuberculosa: Stereostructure Elucidation, Detection, and Biological Activities. Journal of Natural Products, 2014, 77, 351-357.	3.0	26
28	SxtA and sxtG Gene Expression and Toxin Production in the Mediterranean Alexandrium minutum (Dinophyceae). Marine Drugs, 2014, 12, 5258-5276.	4.6	42
29	Investigation of toxin profile of Mediterranean and Atlantic strains of Ostreopsis cf. siamensis (Dinophyceae) by liquid chromatographyâ€“high resolution mass spectrometry. Harmful Algae, 2013, 23, 19-27.	4.8	57
30	Toxin-Producing Ostreopsis cf. ovata are Likely to Bloom Undetected along Coastal Areas. Environmental Science & Technology, 2012, 46, 5574-5582.	10.0	60
31	Stereochemical Studies on Ovatoxinâ€a. Chemistry - A European Journal, 2012, 18, 16836-16843.	3.3	19
32	Isolation and Structure Elucidation of Ovatoxin-a, the Major Toxin Produced by Ostreopsis ovata. Journal of the American Chemical Society, 2012, 134, 1869-1875.	13.7	113
33	Influence of temperature and salinity on Ostreopsis cf. ovata growth and evaluation of toxin content through HR LC-MS and biological assays. Water Research, 2012, 46, 82-92.	11.3	100
34	Unique Toxin Profile of a Mediterranean Ostreopsis cf. ovata Strain: HR LC-MSⁿ Characterization of Ovatoxin-f, a New Palytoxin Congener. Chemical Research in Toxicology, 2012, 25, 1243-1252.	3.3	100
35	Nitrogen and phosphorus limitation effects on cell growth, biovolume, and toxin production in Ostreopsis cf. ovata. Harmful Algae, 2012, 15, 78-90.	4.8	65
36	Biogeographic effects of the Gulf of Mexico red tide dinoflagellate Karenia brevis on Mediterranean copepods. Harmful Algae, 2012, 16, 63-73.	4.8	17

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37	Palytoxin and an Ostreopsis Toxin Extract Increase the Levels of mRNAs Encoding Inflammation-Related Proteins in Human Macrophages via p38 MAPK and NF-Î¹B. PLoS ONE, 2012, 7, e38139.	2.5	33
38	Toxin Levels and Profiles in Microalgae from the North-Western Adriatic Seaâ€"15 Years of Studies on Cultured Species. Marine Drugs, 2012, 10, 140-162.	4.6	86
39	High Resolution LC-MSⁿ Fragmentation Pattern of Palytoxin as Template to Gain New Insights into Ovatoxin-a Structure. The Key Role of Calcium in MS Behavior of Palytoxins. Journal of the American Society for Mass Spectrometry, 2012, 23, 952-963.	2.8	36
40	A 4-decade-long (and still ongoing) hunt for palytoxins chemical architecture. Toxicon, 2011, 57, 362-367.	1.6	26
41	LC-MS of palytoxin and its analogues: State of the art and future perspectives. Toxicon, 2011, 57, 376-389.	1.6	96
42	Ostreopsis cf. ovata bloom in the northern Adriatic Sea during summer 2009: Ecology, molecular characterization and toxin profile. Marine Pollution Bulletin, 2011, 62, 2512-2519.	5.0	91
43	Palytoxin in seafood by liquid chromatography tandem mass spectrometry: investigation of extraction efficiency and matrix effect. Analytical and Bioanalytical Chemistry, 2011, 401, 1043-1050.	3.7	30
44	Complex palytoxinâ€like profile of Ostreopsis ovata. Identification of four new ovatoxins by highâ€resolution liquid chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 2735-2744.	1.5	131
45	Comparative growth and toxin profile of cultured Ostreopsis ovata from the Tyrrhenian and Adriatic Seas. Toxicon, 2010, 55, 211-220.	1.6	122
46	Complex toxin profile of Mytilus galloprovincialis from the Adriatic sea revealed by LCâ€“MS. Toxicon, 2010, 55, 280-288.	1.6	35
47	Characterization of 27-hydroxy-13-desmethyl spirolide C and 27-oxo-13,19-didesmethyl spirolide C. Further insights into the complex Adriatic Alexandrium ostenfeldii toxin profile. Toxicon, 2010, 56, 1327-1333.	1.6	32
48	Stereostructure and Biological Activity of 42-Hydroxy-palytoxin: A New Palytoxin Analogue from Hawaiian Palythoa Subspecies. Chemical Research in Toxicology, 2009, 22, 1851-1859.	3.3	82
49	Gonyaulax spinifera from the Adriatic sea: Toxin production and phylogenetic analysis. Harmful Algae, 2009, 8, 279-290.	4.8	53
50	Full relative stereochemistry assignment and conformational analysis of 13,19-didesmethyl spirolide C via NMR- and molecular modeling-based techniques. A step towards understanding spirolideâ€™s mechanism of action. Organic and Biomolecular Chemistry, 2009, 7, 3674.	2.8	16
51	Putative palytoxin and its new analogue, ovatoxin-a, in Ostreopsis ovata collected along the ligurian coasts during the 2006 toxic outbreak. Journal of the American Society for Mass Spectrometry, 2008, 19, 111-120.	2.8	192
52	Spirolide Toxin Profile of Adriatic Alexandrium ostenfeldii Cultures and Structure Elucidation of 27-Hydroxy-13,19-didesmethyl Spirolide C. Journal of Natural Products, 2007, 70, 1878-1883.	3.0	46
53	Desulfoyessotoxins from Adriatic Mussels:Â A New Problem for Seafood Safety Control. Chemical Research in Toxicology, 2007, 20, 95-98.	3.3	25
54	Influence of temperature, salinity and nutrient limitation on yessotoxin production and release by the dinoflagellate Protoceratium reticulatum in batch-cultures. Harmful Algae, 2007, 6, 707-717.	4.8	54

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55	Stereostructural Determination by a Synthetic and NMRâ€Based Approach of Three Oxazinins Isolated from Adriatic Mussels. European Journal of Organic Chemistry, 2007, 2007, 5434-5439.	2.4	11
56	Toxin profile of Alexandrium ostenfeldii (Dinophyceae) from the Northern Adriatic Sea revealed by liquid chromatographyâ€“mass spectrometry. Toxicon, 2006, 47, 597-604.	1.6	84
57	The Genoa 2005 Outbreak. Determination of Putative Palytoxin in MediterraneanOstreopsisovataby a New Liquid Chromatography Tandem Mass Spectrometry Method. Analytical Chemistry, 2006, 78, 6153-6159.	6.5	248
58	Hydrophilic interaction liquid chromatography/mass spectrometry for determination of domoic acid in Adriatic shellfish. Rapid Communications in Mass Spectrometry, 2005, 19, 2030-2038.	1.5	62
59	The alternation of different morphotypes in the seasonal cycle of the toxic diatom Pseudo-nitzschia galaxiae. Harmful Algae, 2005, 4, 33-48.	4.8	101