

Luciana Tartaglione

List of Publications by Year in descending order

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docs citations

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1858
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The Genoa 2005 Outbreak. Determination of Putative Palytoxin in Mediterranean <i>Ostreopsis ovata</i> by a New Liquid Chromatography Tandem Mass Spectrometry Method. <i>Analytical Chemistry</i> , 2006, 78, 6153-6159. | 3.2 | 248 |
| 2 | Putative palytoxin and its new analogue, ovatoxin-a, in <i>Ostreopsis ovata</i> collected along the Ligurian coasts during the 2006 toxic outbreak. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 111-120. | 1.2 | 192 |
| 3 | CyanoMetDB, a comprehensive public database of secondary metabolites from cyanobacteria. <i>Water Research</i> , 2021, 196, 117017. | 5.3 | 142 |
| 4 | Complex palytoxin-like profile of <i>Ostreopsis ovata</i> . Identification of four new ovatoxins by high-resolution liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2735-2744. | 0.7 | 131 |
| 5 | Comparative growth and toxin profile of cultured <i>Ostreopsis ovata</i> from the Tyrrhenian and Adriatic Seas. <i>Toxicon</i> , 2010, 55, 211-220. | 0.8 | 122 |
| 6 | Isolation and Structure Elucidation of Ovatoxin-a, the Major Toxin Produced by <i>Ostreopsis ovata</i> . <i>Journal of the American Chemical Society</i> , 2012, 134, 1869-1875. | 6.6 | 113 |
| 7 | First Finding of <i>Ostreopsis</i> cf. <i>ovata</i> Toxins in Marine Aerosols. <i>Environmental Science & Technology</i> , 2014, 48, 3532-3540. | 4.6 | 104 |
| 8 | The alternation of different morphotypes in the seasonal cycle of the toxic diatom <i>Pseudo-nitzschia galaxiae</i> . <i>Harmful Algae</i> , 2005, 4, 33-48. | 2.2 | 101 |
| 9 | Influence of temperature and salinity on <i>Ostreopsis</i> cf. <i>ovata</i> growth and evaluation of toxin content through HR LC-MS and biological assays. <i>Water Research</i> , 2012, 46, 82-92. | 5.3 | 100 |
| 10 | Unique Toxin Profile of a Mediterranean <i>Ostreopsis</i> cf. <i>ovata</i> Strain: HR LC-MS ⁿ Characterization of Ovatoxin-f, a New Palytoxin Congener. <i>Chemical Research in Toxicology</i> , 2012, 25, 1243-1252. | 1.7 | 100 |
| 11 | LC-MS of palytoxin and its analogues: State of the art and future perspectives. <i>Toxicon</i> , 2011, 57, 376-389. | 0.8 | 96 |
| 12 | <i>Ostreopsis</i> cf. <i>ovata</i> bloom in the northern Adriatic Sea during summer 2009: Ecology, molecular characterization and toxin profile. <i>Marine Pollution Bulletin</i> , 2011, 62, 2512-2519. | 2.3 | 91 |
| 13 | Toxin Levels and Profiles in Microalgae from the North-Western Adriatic Sea—15 Years of Studies on Cultured Species. <i>Marine Drugs</i> , 2012, 10, 140-162. | 2.2 | 86 |
| 14 | Toxin profile of <i>Alexandrium ostenfeldii</i> (Dinophyceae) from the Northern Adriatic Sea revealed by liquid chromatography–mass spectrometry. <i>Toxicon</i> , 2006, 47, 597-604. | 0.8 | 84 |
| 15 | Stereostructure and Biological Activity of 42-Hydroxy-palytoxin: A New Palytoxin Analogue from Hawaiian <i>Palythoa</i> Subspecies. <i>Chemical Research in Toxicology</i> , 2009, 22, 1851-1859. | 1.7 | 82 |
| 16 | The novel ovatoxin-g and isobaric palytoxin (so far referred to as putative palytoxin) from <i>Ostreopsis</i> cf. <i>ovata</i> (NW Mediterranean Sea): structural insights by LC-high resolution MSn. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1191-1204. | 1.9 | 70 |
| 17 | Plastic-associated harmful microalgal assemblages in marine environment. <i>Environmental Pollution</i> , 2019, 244, 617-626. | 3.7 | 69 |
| 18 | <i>Ostreopsis fattorussoi</i> sp. nov. (Dinophyceae), a new benthic toxic <i>Ostreopsis</i> species from the eastern Mediterranean Sea. <i>Journal of Phycology</i> , 2016, 52, 1064-1084. | 1.0 | 68 |

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|----|---|-----|-----------|
| 19 | Nitrogen and phosphorus limitation effects on cell growth, biovolume, and toxin production in <i>Ostreopsis cf. ovata</i> . <i>Harmful Algae</i> , 2012, 15, 78-90. | 2.2 | 65 |
| 20 | Hydrophilic interaction liquid chromatography/mass spectrometry for determination of domoic acid in Adriatic shellfish. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2030-2038. | 0.7 | 62 |
| 21 | Toxin-Producing <i>Ostreopsis cf. ovata</i> are Likely to Bloom Undetected along Coastal Areas. <i>Environmental Science & Technology</i> , 2012, 46, 5574-5582. | 4.6 | 60 |
| 22 | Investigation of toxin profile of Mediterranean and Atlantic strains of <i>Ostreopsis cf. siamensis</i> (Dinophyceae) by liquid chromatography–high resolution mass spectrometry. <i>Harmful Algae</i> , 2013, 23, 19-27. | 2.2 | 57 |
| 23 | First detection of tetrodotoxin and high levels of paralytic shellfish poisoning toxins in shellfish from Sicily (Italy) by three different analytical methods. <i>Chemosphere</i> , 2019, 215, 881-892. | 4.2 | 57 |
| 24 | Influence of temperature, salinity and nutrient limitation on yessotoxin production and release by the dinoflagellate <i>Protoceratium reticulatum</i> in batch-cultures. <i>Harmful Algae</i> , 2007, 6, 707-717. | 2.2 | 54 |
| 25 | <i>Gonyaulax spinifera</i> from the Adriatic sea: Toxin production and phylogenetic analysis. <i>Harmful Algae</i> , 2009, 8, 279-290. | 2.2 | 53 |
| 26 | Spirolide Toxin Profile of Adriatic <i>Alexandrium ostenfeldii</i> Cultures and Structure Elucidation of 27-Hydroxy-13,19-didesmethyl Spirolide C. <i>Journal of Natural Products</i> , 2007, 70, 1878-1883. | 1.5 | 46 |
| 27 | Chemical, molecular, and eco-toxicological investigation of <i>Ostreopsis</i> sp. from Cyprus Island: structural insights into four new ovatoxins by LC-HRMS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 915-932. | 1.9 | 45 |
| 28 | SxtA and sxtG Gene Expression and Toxin Production in the Mediterranean <i>Alexandrium minutum</i> (Dinophyceae). <i>Marine Drugs</i> , 2014, 12, 5258-5276. | 2.2 | 42 |
| 29 | High Resolution LC-MS ⁿ Fragmentation Pattern of Palytoxin as Template to Gain New Insights into Ovatoxin-a Structure. The Key Role of Calcium in MS Behavior of Palytoxins. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 952-963. | 1.2 | 36 |
| 30 | Variability in Toxin Profiles of the Mediterranean <i>Ostreopsis cf. ovata</i> and in Structural Features of the Produced Ovatoxins. <i>Environmental Science & Technology</i> , 2017, 51, 13920-13928. | 4.6 | 36 |
| 31 | Complex toxin profile of <i>Mytilus galloprovincialis</i> from the Adriatic sea revealed by LC–MS. <i>Toxicon</i> , 2010, 55, 280-288. | 0.8 | 35 |
| 32 | Liquid chromatography–high-resolution mass spectrometry for palytoxins in mussels. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1463-1473. | 1.9 | 34 |
| 33 | Palytoxin and an <i>Ostreopsis</i> Toxin Extract Increase the Levels of mRNAs Encoding Inflammation-Related Proteins in Human Macrophages via p38 MAPK and NF- κ B. <i>PLoS ONE</i> , 2012, 7, e38139. | 1.1 | 33 |
| 34 | Characterization of 27-hydroxy-13-desmethyl spirolide C and 27-oxo-13,19-didesmethyl spirolide C. Further insights into the complex Adriatic <i>Alexandrium ostenfeldii</i> toxin profile. <i>Toxicon</i> , 2010, 56, 1327-1333. | 0.8 | 32 |
| 35 | Palytoxin in seafood by liquid chromatography tandem mass spectrometry: investigation of extraction efficiency and matrix effect. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1043-1050. | 1.9 | 30 |
| 36 | Growth dynamics in relation to the production of the main cellular components in the toxic dinoflagellate <i>Ostreopsis cf. ovata</i> . <i>Harmful Algae</i> , 2014, 36, 1-10. | 2.2 | 30 |

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|----|--|-----|-----------|
| 37 | Ovatoxin-a, A Palytoxin Analogue Isolated from <i>Ostreopsis</i> cf. <i>ovata</i> Fukuyo: Cytotoxic Activity and ELISA Detection. <i>Environmental Science & Technology</i> , 2016, 50, 1544-1551. | 4.6 | 30 |
| 38 | A 4-decade-long (and still ongoing) hunt for palytoxins chemical architecture. <i>Toxicon</i> , 2011, 57, 362-367. | 0.8 | 26 |
| 39 | Stereoisomers of 42-Hydroxy Palytoxin from Hawaiian <i>Palythoa toxica</i> and <i>P. tuberculosa</i> : Stereostructure Elucidation, Detection, and Biological Activities. <i>Journal of Natural Products</i> , 2014, 77, 351-357. | 1.5 | 26 |
| 40 | (1S,3R,4S,5R)5-O-Caffeoylquinic acid: Isolation, stereo-structure characterization and biological activity. <i>Food Chemistry</i> , 2015, 178, 306-310. | 4.2 | 26 |
| 41 | Desulfoyessotoxins from Adriatic Mussels: A New Problem for Seafood Safety Control. <i>Chemical Research in Toxicology</i> , 2007, 20, 95-98. | 1.7 | 25 |
| 42 | The <i>sxt</i> Gene and Paralytic Shellfish Poisoning Toxins as Markers for the Monitoring of Toxic <i>Alexandrium</i> Species Blooms. <i>Environmental Science & Technology</i> , 2015, 49, 14230-14238. | 4.6 | 25 |
| 43 | Marine Toxins in Italy: The More You Look, the More You Find. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1357-1369. | 1.2 | 24 |
| 44 | <i>Ostreopsis</i> cf. <i>ovata</i> from western Mediterranean Sea: Physiological responses under different temperature and salinity conditions. <i>Harmful Algae</i> , 2016, 57, 98-108. | 2.2 | 24 |
| 45 | Toxin Variability Estimations of 68 <i>Alexandrium ostenfeldii</i> (Dinophyceae) Strains from The Netherlands Reveal a Novel Abundant Gymnodimine. <i>Microorganisms</i> , 2017, 5, 29. | 1.6 | 24 |
| 46 | Influence of environmental factors on the toxin production of <i>Ostreopsis</i> cf. <i>ovata</i> during bloom events. <i>Marine Pollution Bulletin</i> , 2017, 123, 261-268. | 2.3 | 20 |
| 47 | Stereochemical Studies on Ovatoxin- ϵ . <i>Chemistry - A European Journal</i> , 2012, 18, 16836-16843. | 1.7 | 19 |
| 48 | Biogeographic effects of the Gulf of Mexico red tide dinoflagellate <i>Karenia brevis</i> on Mediterranean copepods. <i>Harmful Algae</i> , 2012, 16, 63-73. | 2.2 | 17 |
| 49 | An aquarium hobbyist poisoning: Identification of new palytoxins in <i>Palythoa</i> cf. <i>toxica</i> and complete detoxification of the aquarium water by activated carbon. <i>Toxicon</i> , 2016, 121, 41-50. | 0.8 | 17 |
| 50 | NMR-based phytochemical analysis of <i>Vitis vinifera</i> cv Falanghina leaves. Characterization of a previously undescribed biflavonoid with antiproliferative activity. <i>Food Chemistry</i> , 2018, 125, 13-17. | 1.1 | 17 |
| 51 | Full relative stereochemistry assignment and conformational analysis of 13,19-didesmethyl spirolide C via NMR- and molecular modeling-based techniques. A step towards understanding spirolide's mechanism of action. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3674. | 1.5 | 16 |
| 52 | Massive Occurrence of the Harmful Benthic Dinoflagellate <i>Ostreopsis</i> cf. <i>ovata</i> in the Eastern Adriatic Sea. <i>Toxins</i> , 2019, 11, 300. | 1.5 | 16 |
| 53 | Effects of N and P availability on carbon allocation in the toxic dinoflagellate <i>Ostreopsis</i> cf. <i>ovata</i> . <i>Harmful Algae</i> , 2016, 55, 202-212. | 2.2 | 15 |
| 54 | Determination of Palytoxins in Soft Coral and Seawater from a Home Aquarium. Comparison between <i>Palythoa</i> - and <i>Ostreopsis</i> -Related Inhalatory Poisonings. <i>Environmental Science & Technology</i> , 2016, 50, 1023-1030. | 4.6 | 15 |

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|----|---|-----|-----------|
| 55 | Role of temperature and nutrients on the growth and toxin production of <i>Prorocentrum hoffmannianum</i> (Dinophyceae) from the Florida Keys. <i>Harmful Algae</i> , 2018, 80, 140-148. | 2.2 | 13 |
| 56 | Stereostructural Determination by a Synthetic and NMR-Based Approach of Three Oxazinins Isolated from Adriatic Mussels. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5434-5439. | 1.2 | 11 |
| 57 | Identification of Palytoxin-Ca ²⁺ Complex by NMR and Molecular Modeling Techniques. <i>Journal of Organic Chemistry</i> , 2014, 79, 72-79. | 1.7 | 5 |
| 58 | 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. <i>Toxins</i> , 2021, 13, 650. | 1.5 | 2 |
| 59 | Mass Spectrometry-Based Methods for the Structural Characterization of Marine Toxins. <i>Comprehensive Analytical Chemistry</i> , 2017, , 193-209. | 0.7 | 1 |