

# Martino Forino

## List of Publications by Citations

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83  
papers

3,472  
citations

38  
h-index

57  
g-index

89  
ext. papers

3,761  
ext. citations

4.7  
avg. IF

4.68  
L-index

#	Paper	IF	Citations
83	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> , <b>2006</b> , 78, 6153-9	7.8	215
82	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> , <b>2008</b> , 19, 111-20	3.5	171
81	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> , <b>2010</b> , 24, 2735-44	2.2	119
80	Efficient synthetic inhibitors of anthrax lethal factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 9499-504	11.5	116
79	Comparative growth and toxin profile of cultured <i>Ostreopsis ovata</i> from the Tyrrhenian and Adriatic Seas. <i>Toxicon</i> , <b>2010</b> , 55, 211-20	2.8	109
78	Isolation and structure elucidation of ovatoxin-a, the major toxin produced by <i>Ostreopsis ovata</i> . <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 1869-75	16.4	99
77	Yessotoxin in mussels of the northern Adriatic Sea. <i>Toxicon</i> , <b>1997</b> , 35, 177-83	2.8	94
76	Isolation of adriatoxin, a new analogue of yessotoxin from mussels of the Adriatic sea. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 8897-8900	2	93
75	Complex yessotoxins profile in <i>Protoceratium reticulatum</i> from north-western Adriatic sea revealed by LC-MS analysis. <i>Toxicon</i> , <b>2003</b> , 42, 7-14	2.8	92
74	Unique toxin profile of a Mediterranean <i>Ostreopsis cf. ovata</i> strain: HR LC-MS(n) characterization of ovatoxin-f, a new palytoxin congener. <i>Chemical Research in Toxicology</i> , <b>2012</b> , 25, 1243-52	4	84
73	First finding of <i>Ostreopsis cf. ovata</i> toxins in marine aerosols. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 3532-40	10.3	83
72	Influence of temperature and salinity on <i>Ostreopsis cf. ovata</i> growth and evaluation of toxin content through HR LC-MS and biological assays. <i>Water Research</i> , <b>2012</b> , 46, 82-92	12.5	83
71	LC-MS of palytoxin and its analogues: State of the art and future perspectives. <i>Toxicon</i> , <b>2011</b> , 57, 376-89	2.8	80
70	NMR-based identification of the phenolic profile of fruits of <i>Lycium barbarum</i> (goji berries). Isolation and structural determination of a novel N-feruloyl tyramine dimer as the most abundant antioxidant polyphenol of goji berries. <i>Food Chemistry</i> , <b>2016</b> , 194, 1254-9	8.5	75
69	Stereostructure and biological activity of 42-hydroxy-palytoxin: a new palytoxin analogue from Hawaiian <i>Palythoa</i> subspecies. <i>Chemical Research in Toxicology</i> , <b>2009</b> , 22, 1851-9	4	72
68	Toxin levels and profiles in microalgae from the north-Western Adriatic Sea--15 years of studies on cultured species. <i>Marine Drugs</i> , <b>2012</b> , 10, 140-62	6	71
67	Structural elucidation of a new cytotoxin isolated from mussels of the Adriatic sea. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 578-82	4.2	67

66	NMR-based techniques in the hit identification and optimisation processes. <i>Expert Opinion on Therapeutic Targets</i> , <b>2004</b> , 8, 597-611	6.4	64
65	Structure and stereochemistry of a new cytotoxic polychlorinated sulfolipid from Adriatic shellfish. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 13114-20	16.4	61
64	Structure determination of carboxyhomoyessotoxin, a new yessotoxin analogue isolated from adriatic mussels. <i>Chemical Research in Toxicology</i> , <b>2000</b> , 13, 770-4	4	58
63	The novel ovatoxin-g and isobaric palytoxin (so far referred to as putative palytoxin) from <i>Ostreopsis cf. ovata</i> (NW Mediterranean Sea): structural insights by LC-high resolution MS(n). <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 1191-204	4.4	57
62	Anthrax lethal factor protease inhibitors: synthesis, SAR, and structure-based 3D QSAR studies. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 27-30	8.3	53
61	Hydrophilic interaction liquid chromatography/mass spectrometry for determination of domoic acid in Adriatic shellfish. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 2030-8	2.2	53
60	Antioxidant and antibiofilm activities of secondary metabolites from <i>Ziziphus jujuba</i> leaves used for infusion preparation. <i>Food Chemistry</i> , <b>2017</b> , 230, 24-29	8.5	51
59	Toxin-producing <i>Ostreopsis cf. ovata</i> are likely to bloom undetected along coastal areas. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 5574-82	10.3	51
58	Chemistry of verongida sponges VIII1-bromocompounds from the mediterranean sponges <i>Aplysina aerophoba</i> and <i>Aplysina cavernicola</i> . <i>Tetrahedron</i> , <b>1997</b> , 53, 6565-6572	2.4	51
57	A New Analogue of Yessotoxin, Carboxyessotoxin, Isolated from Adriatic Sea Mussels. <i>European Journal of Organic Chemistry</i> , <b>2000</b> , 2000, 291-295	3.2	51
56	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> , <b>2013</b> , 23, 19-27	5.3	49
55	Virtual docking approaches to protein kinase B inhibition. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 2278-81	8.1	48
54	Saxitoxin and neosaxitoxin as toxic principles of <i>Alexandrium andersoni</i> (Dinophyceae) from the Gulf of Naples, Italy. <i>Toxicon</i> , <b>2000</b> , 38, 1871-7	2.8	47
53	<i>Gonyaulax spinifera</i> from the Adriatic sea: Toxin production and phylogenetic analysis. <i>Harmful Algae</i> , <b>2009</b> , 8, 279-290	5.3	45
52	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> , <b>2007</b> , 70, 1878-83	4.9	44
51	A new cytotoxic polychlorinated sulfolipid from contaminated Adriatic mussels. <i>Tetrahedron</i> , <b>2004</b> , 60, 7093-7098	2.4	43
50	Direct detection of yessotoxin and its analogues by liquid chromatography coupled with electrospray ion trap mass spectrometry. <i>Journal of Chromatography A</i> , <b>2002</b> , 968, 61-9	4.5	41
49	Acute oral toxicity in mice of a new palytoxin analog: 42-hydroxy-palytoxin. <i>Toxicon</i> , <b>2011</b> , 57, 755-63	2.8	40

48	42,43,44,45,46,47,55-Heptanor-41-oxohomoyessotoxin, a new biotoxin from mussels of the northern Adriatic sea. <i>Chemical Research in Toxicology</i> , <b>2001</b> , 14, 596-9	4	40
47	Isolation of 45-hydroxyyessotoxin from mussels of the Adriatic Sea. <i>Toxicon</i> , <b>1999</b> , 37, 689-93	2.8	40
46	Discovery of a novel class of reversible non-peptide caspase inhibitors via a structure-based approach. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 1649-56	8.3	38
45	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> , <b>2016</b> , 408, 915-32	4.4	36
44	The detection and identification of 42,43,44,45,46,47,55-heptanor-41-oxoyessotoxin, a new marine toxin from adriatic shellfish, by liquid chromatography-mass spectrometry. <i>Chemical Research in Toxicology</i> , <b>2002</b> , 15, 979-84	4	35
43	Structure-activity relationships of yessotoxins in cultured cells. <i>Chemical Research in Toxicology</i> , <b>2004</b> , 17, 1251-7	4	34
42	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> , <b>2012</b> , 23, 952-63	3.5	33
41	Complex toxin profile of <i>Mytilus galloprovincialis</i> from the Adriatic sea revealed by LC-MS. <i>Toxicon</i> , <b>2010</b> , 55, 280-8	2.8	32
40	Investigation of the toxin profile of Greek mussels <i>Mytilus galloprovincialis</i> by liquid chromatography-mass spectrometry. <i>Toxicon</i> , <b>2006</b> , 47, 174-81	2.8	31
39	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- $\kappa$ B. <i>PLoS ONE</i> , <b>2012</b> , 7, e38139	3.7	29
38	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> , <b>2010</b> , 56, 1327-33	2.8	29
37	Liquid chromatography-high-resolution mass spectrometry for palytoxins in mussels. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 1463-73	4.4	27
36	SxtA and sxtG gene expression and toxin production in the Mediterranean <i>Alexandrium minutum</i> (Dinophyceae). <i>Marine Drugs</i> , <b>2014</b> , 12, 5258-76	6	27
35	Toxins from Adriatic blue mussels. A decade of studies. <i>Pure and Applied Chemistry</i> , <b>2003</b> , 75, 325-336	2.1	26
34	Palytoxin in seafood by liquid chromatography tandem mass spectrometry: investigation of extraction efficiency and matrix effect. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 401, 1043-50	4.4	25
33	Ovatoxin-a, A Palytoxin Analogue Isolated from <i>Ostreopsis cf. ovata</i> Fukuyo: Cytotoxic Activity and ELISA Detection. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 1544-51	10.3	23
32	A 4-decade-long (and still ongoing) hunt for palytoxins chemical architecture. <i>Toxicon</i> , <b>2011</b> , 57, 362-7	2.8	23
31	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> , <b>2014</b> , 77, 351-7	4.9	22

30	Desulfoyessotoxins from Adriatic mussels: a new problem for seafood safety control. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 95-8	4	21
29	(1S,3R,4S,5R)5-O-Caffeoylquinic acid: isolation, stereo-structure characterization and biological activity. <i>Food Chemistry</i> , <b>2015</b> , 178, 306-10	8.5	20
28	Oxazinin-1, -2 and -3 [A Novel Toxic Compound and Its Analogues from the Digestive Glands of <i>Mytilus galloprovincialis</i> . <i>European Journal of Organic Chemistry</i> , <b>2001</b> , 2001, 49-53	3.2	20
27	Marine Toxins in Italy: The More You Look, the More You Find. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 1357-1369	3.2	18
26	Bioassay-guided identification of the antihyperglycaemic constituents of walnut ( <i>Juglans regia</i> ) leaves. <i>Journal of Functional Foods</i> , <b>2016</b> , 26, 731-738	5.1	17
25	Humudifucol and Bioactive Prenylated Polyphenols from Hops ( <i>Humulus lupulus</i> cv. "Cascade"). <i>Journal of Natural Products</i> , <b>2016</b> , 79, 590-7	4.9	17
24	Oxazinins from toxic mussels: isolation of a novel oxazinin and reassignment of the C-2 configuration of oxazinin-1 and -2 on the basis of synthetic models. <i>Tetrahedron</i> , <b>2006</b> , 62, 7738-7743	2.4	16
23	Assignment of the absolute stereochemistry of oxazinin-1: application of the 9-AMA shift-correlation method for chiral primary alcohols. <i>Tetrahedron</i> , <b>2001</b> , 57, 8189-8192	2.4	16
22	Stereochemical studies on ovatoxin-a. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 16836-43	4.8	15
21	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> , <b>2009</b> , 7, 3674-81	3.9	13
20	NMR-based phytochemical analysis of <i>Vitis vinifera</i> cv Falanghina leaves. Characterization of a previously undescribed biflavonoid with antiproliferative activity. <i>Phytotherapy</i> , <b>2018</b> , 125, 13-17	3.2	12
19	NMR-based identification of the major bioactive molecules from an Italian cultivar of <i>Lycium barbarum</i> . <i>Phytochemistry</i> , <b>2017</b> , 144, 52-57	4	12
18	Determination of Palytoxins in Soft Coral and Seawater from a Home Aquarium. Comparison between Palythoa- and <i>Ostreopsis</i> -Related Inhalatory Poisonings. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 1023-30	10.3	11
17	Stereostructural Determination by a Synthetic and NMR-Based Approach of Three Oxazinins Isolated from Adriatic Mussels. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 5434-5439	3.2	11
16	Palytoxins: A still haunting Hawaiian curse. <i>Phytochemistry Reviews</i> , <b>2010</b> , 9, 491-500	7.7	10
15	Malvidin-3-O-glucoside Chemical Behavior in the Wine pH Range. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 1222-1229	5.7	10
14	New insights into the chemical bases of wine color evolution and stability: the key role of acetaldehyde. <i>European Food Research and Technology</i> , <b>2020</b> , 246, 733-743	3.4	9
13	A revisited hemolytic assay for palytoxin detection: Limitations for its quantitation in mussels. <i>Toxicon</i> , <b>2016</b> , 119, 225-33	2.8	9

12	NMR-based systematic analysis of bioactive phytochemicals in red wine. First determination of xanthurenic and oleanic acids. <i>Food Chemistry</i> , <b>2019</b> , 278, 497-501	8.5	7
11	Identification of palytoxin-Ca <sup>2+</sup> complex by NMR and molecular modeling techniques. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 72-9	4.2	5
10	Chapter 1 Recent Developments in Mediterranean Harmful Algal Events. <i>Advances in Molecular Toxicology</i> , <b>2009</b> , 3, 1-41	0.4	5
9	A bio-guided assessment of the anti-inflammatory activity of hop extracts ( <i>Humulus lupulus</i> L. cv. Cascade) in human gastric epithelial cells. <i>Journal of Functional Foods</i> , <b>2019</b> , 57, 95-102	5.1	4
8	Effect of Different Enological Tannins on Oxygen Consumption, Phenolic Compounds, Color and Astringency Evolution of Aglianico Wine. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
7	Comparison of Three Accelerated Oxidation Tests Applied to Red Wines with Different Chemical Composition. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
6	Seafood Toxins: Classes, Sources, and Toxicology <b>2012</b> , 1345-1387		2
5	Chemistry of palytoxin and its analogues85-111		2
4	How acetaldehyde reacts with low molecular weight phenolics in white and red wines. <i>European Food Research and Technology</i> ,1	3.4	2
3	Phenolic Profiles of Red Wine Relate to Vascular Endothelial Benefits Mediated by SIRT1 and SIRT6. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
2	Potential for Lager Beer Production from <i>Saccharomyces cerevisiae</i> Strains Isolated from the Vineyard Environment. <i>Processes</i> , <b>2021</b> , 9, 1628	2.9	0
1	How the Management of pH during Winemaking Affects Acetaldehyde, Polymeric Pigments and Color Evolution of Red Wine. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 2555	2.6	0