

Maria Valeria Dâ€™Auria

List of Publications by Year in descending order

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69
papers

2,460
citations

159585

30
h-index

214800

47
g-index

70
all docs

70
docs citations

70
times ranked

2033
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyoxygenated steroids of marine origin. <i>Chemical Reviews</i> , 1993, 93, 1839-1895.	47.7	270
2	Homophymine A, an Anti-HIV Cyclodepsipeptide from the Sponge <i>Homophymia</i> sp.. <i>Journal of Organic Chemistry</i> , 2008, 73, 5319-5327.	3.2	100
3	Structures of microfilament destabilizing toxins bound to actin provide insight into toxin design and activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14527-14532.	7.1	91
4	Quantitative NMR-Derived Interproton Distances Combined with Quantum Mechanical Calculations of ¹³ C Chemical Shifts in the Stereochemical Determination of Conicasterol F, a Nuclear Receptor Ligand from <i>Theonella swinhoei</i> . <i>Journal of Organic Chemistry</i> , 2012, 77, 1489-1496.	3.2	81
5	HIV-Inhibitory Natural Products. 11. Comparative Studies of Sulfated Sterols from Marine Invertebrates. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 793-797.	6.4	72
6	Solomonamides A and B, New Anti-inflammatory Peptides from <i>Theonella swinhoei</i> . <i>Organic Letters</i> , 2011, 13, 1532-1535.	4.6	69
7	Isolation of callipeltins A and of two new open-chain derivatives of callipeltin A from the marine sponge <i>Latrunculia</i> sp. A revision of the stereostructure of callipeltins. <i>Tetrahedron Letters</i> , 2002, 43, 6163-6166.	1.4	65
8	Discovery That Theonellasterol a Marine Sponge Sterol Is a Highly Selective FXR Antagonist That Protects against Liver Injury in Cholestasis. <i>PLoS ONE</i> , 2012, 7, e30443.	2.5	62
9	Theonellasterols and Conicasterols from <i>Theonella swinhoei</i> . Novel Marine Natural Ligands for Human Nuclear Receptors. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3065-3075.	6.4	61
10	New Sesquiterpene Derivatives from the Sponge <i>Dysidea</i> Species with a Selective Inhibitor Profile against Human Phospholipase A2 and Other Leukocyte Functions. <i>Journal of Natural Products</i> , 2001, 64, 612-615.	3.0	59
11	New Jaspamide Derivatives from the Marine Sponge <i>Jaspis splendans</i> Collected in Vanuatu. <i>Journal of Natural Products</i> , 1999, 62, 332-334.	3.0	57
12	Perthamides C and D, two new potent anti-inflammatory cyclopeptides from a Solomon Lithistid sponge <i>Theonella swinhoei</i> . <i>Tetrahedron</i> , 2009, 65, 10424-10429.	1.9	56
13	Total Synthesis and Pharmacological Characterization of Solomonsterol A, a Potent Marine Pregnane-X-Receptor Agonist Endowed with Anti-Inflammatory Activity. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4590-4599.	6.4	53
14	Homophymines B and A1, a family of bioactive cyclodepsipeptides from the sponge <i>Homophymia</i> sp.. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4037.	2.8	51
15	Solomonsterols A and B from <i>Theonella swinhoei</i> . The First Example of C-24 and C-23 Sulfated Sterols from a Marine Source Endowed with a PXR Agonistic Activity. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 401-405.	6.4	51
16	Modulatory Effect of Bolinaquinone, a Marine Sesquiterpenoid, on Acute and Chronic Inflammatory Processes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 1172-1180.	2.5	47
17	Marine sponge steroids as nuclear receptor ligands. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 591-601.	8.7	47
18	Plakilactones from the Marine Sponge <i>Plakinastrella mamillaris</i> . Discovery of a New Class of Marine Ligands of Peroxisome Proliferator-Activated Receptor β . <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8303-8317.	6.4	47

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19	Callipeltins F: new antifungal peptides from the marine sponge <i>Latrunculia</i> sp.. <i>Tetrahedron</i> , 2006, 62, 833-840.	1.9	46
20	Concise Synthesis of All Stereoisomers of Î-Methoxytyrosine and Determination of the Absolute Configuration of the Residue in Callipeltin A. <i>Organic Letters</i> , 2005, 7, 3585-3588.	4.6	45
21	Isolation and structural elucidation of callipeltins M: antifungal peptides from the marine sponge <i>Latrunculia</i> sp.. <i>Tetrahedron</i> , 2007, 63, 131-140.	1.9	45
22	Conicasterol E, a Small Heterodimer Partner Sparing Farnesoid X Receptor Modulator Endowed with a Pregnane X Receptor Agonistic Activity, from the Marine Sponge <i>Theonella swinhoei</i> . <i>Journal of Medicinal Chemistry</i> , 2012, 55, 84-93.	6.4	43
23	Jaspamides P: new tryptophan modified jaspamide derivatives from the sponge <i>Jaspis splendans</i> . <i>Tetrahedron</i> , 2009, 65, 51-56.	1.9	40
24	4-Methylenesterols from <i>Theonella swinhoei</i> sponge are natural pregnane-X-receptor agonists and farnesoid-X-receptor antagonists that modulate innate immunity. <i>Steroids</i> , 2012, 77, 484-495.	1.8	40
25	Protection against 2,4,6-trinitrobenzenesulphonic acid-induced colonic inflammation in mice by the marine products bolinaquinone and petrosaspongiolide M. <i>Biochemical Pharmacology</i> , 2005, 69, 1433-1440.	4.4	37
26	Crellastatin A: A Cytotoxic Bis-Steroid Sulfate from the Vanuatu Marine Sponge <i>Crellasp</i> . <i>Journal of Organic Chemistry</i> , 1998, 63, 7382-7388.	3.2	35
27	Towards new ligands of nuclear receptors. Discovery of malaitasterol A, an unique bis-secosterol from marine sponge <i>Theonella swinhoei</i> . <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4856.	2.8	35
28	Dysidotronic acid, a new and selective human phospholipase A2 inhibitor from the sponge <i>Dysidea</i> sp.. <i>Tetrahedron Letters</i> , 2000, 41, 3257-3260.	1.4	33
29	Stereochemical assignment of the C23-C35 portion of sphinxolide/reidispongiolide class of natural products by asymmetric synthesis. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1787-1798.	1.8	33
30	Bioactive Cembrane Derivatives from the Indian Ocean Soft Coral, <i>Sinularia kavarattiensis</i> . <i>Marine Drugs</i> , 2014, 12, 4045-4068.	4.6	33
31	New jaspamide derivatives with antimicrofilament activity from the sponge <i>Jaspis splendans</i> . <i>Tetrahedron</i> , 2007, 63, 5212-5219.	1.9	30
32	Swinholide J, a Potent Cytotoxin from the Marine Sponge <i>Theonella swinhoei</i> . <i>Marine Drugs</i> , 2011, 9, 1133-1141.	4.6	29
33	New Isomalabaricane Derivatives from a New Species of <i>Jaspis</i> Sponge Collected at the Vanuatu Islands. <i>Journal of Natural Products</i> , 2000, 63, 943-946.	3.0	27
34	Jaspamides H, new actin-targeting depsipeptides from the sponge <i>Jaspis splendans</i> . <i>Tetrahedron</i> , 2008, 64, 7127-7130.	1.9	27
35	Coscinolactams A and B: new nitrogen-containing sesterterpenoids from the marine sponge <i>Coscinoderma mathewsi</i> exerting anti-inflammatory properties. <i>Tetrahedron</i> , 2009, 65, 2905-2909.	1.9	25
36	Amphiasterins: a new family of cytotoxic metabolites from the marine sponge <i>Plakortis quasiaamphiaster</i> . <i>Tetrahedron</i> , 2001, 57, 257-263.	1.9	24

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37	On the Composition of Sulfated Polyhydroxysteroids in Some Ophiuroids and the Structure Determination of Six New Constituents. <i>Journal of Natural Products</i> , 1995, 58, 189-196.	3.0	23
38	Stereoselective synthesis of (2R,3R,4R)-3-hydroxy-2,4,6-trimethylheptanoic acid and determination of the absolute stereochemistry of the natural product from callipeltin A. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 1237-1239.	1.8	23
39	Quantum Mechanical Calculation of Coupling Constants in the Configurational Analysis of Flexible Systems: Determination of the Configuration of Callipeltin A. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 604-609.	2.4	23
40	Unusual sulfated marine steroids from the ophiuroid <i>ophioderma longicaudum</i> . <i>Tetrahedron</i> , 1985, 41, 6041-6046.	1.9	21
41	Callipeltin A: sodium ionophore effect and tension development in vascular smooth muscle. <i>Biochemical Pharmacology</i> , 2004, 68, 1331-1338.	4.4	21
42	Natural Ligands for Nuclear Receptors: Biology and Potential Therapeutic Applications. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 637-669.	2.1	21
43	Anti-inflammatory cyclopeptides from the marine sponge <i>Theonella swinhoei</i> . <i>Tetrahedron</i> , 2012, 68, 2851-2857.	1.9	21
44	Perthamides Câ€F, potent human antipsoriatic cyclopeptides. <i>Tetrahedron</i> , 2011, 67, 7780-7786.	1.9	20
45	Modification in the side chain of solomonsterol A: discovery of cholestan disulfate as a potent pregnane-X-receptor agonist. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6350.	2.8	20
46	Concise synthesis of AHMHA unit in perthamide C. Structural and stereochemical revision of perthamide C. <i>Tetrahedron</i> , 2010, 66, 7520-7526.	1.9	19
47	Identification of a Sorbicillinoid-Producing <i>Aspergillus</i> Strain with Antimicrobial Activity Against <i>Staphylococcus aureus</i> : a New Polyextremophilic Marine Fungus from Barents Sea. <i>Marine Biotechnology</i> , 2018, 20, 502-511.	2.4	19
48	Characterization of a New Mixture of Mono-Rhamnolipids Produced by <i>Pseudomonas gessardii</i> Isolated from Edmonson Point (Antarctica). <i>Marine Drugs</i> , 2020, 18, 269.	4.6	19
49	Synthetic studies on callipeltin A: stereoselective synthesis of (2 R ,3 R ,4 S) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (-)-3	1.8	18
50	The Molecular Mechanism of Bee Venom Phospholipase A2 Inactivation by Bolinaquinone. <i>ChemBioChem</i> , 2006, 7, 971-980.	2.6	17
51	The First Total Synthesis of Solomonsterol B, a Marine Pregnane X Receptor Agonist. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5187-5194.	2.4	17
52	Isolation and structural elucidation of the crellastatins I-M: cytotoxic bis-steroid derivatives from the vanuatu marine sponge <i>Crella</i> sp. <i>Tetrahedron</i> , 1999, 55, 13749-13756.	1.9	16
53	Synthesis of 24-methyl-26-hydroxysteroid side-chains: models for stereochemical assignments in polyhydroxylated marine steroids. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990, , 2889.	0.9	15
54	Studies towards the synthesis of superstolide A. Synthesis and stereochemical assignment of the C(21)â€C(26) fragment of superstolide A. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1543-1545.	1.8	14

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55	The antimicrobial potential of algicolous marine fungi for counteracting multidrug-resistant bacteria: phylogenetic diversity and chemical profiling. <i>Research in Microbiology</i> , 2016, 167, 492-500.	2.1	14
56	Molecular Network and Culture Media Variation Reveal a Complex Metabolic Profile in <i>Pantoea cf. eucrina</i> D2 Associated with an Acidified Marine Sponge. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6307.	4.1	14
57	Genomics Metabolomics Profiling Disclosed Marine <i>Vibrio spartinae</i> 3.6 as a Producer of a New Branched Side Chain Prodigiosin. <i>Journal of Natural Products</i> , 2020, 83, 1495-1504.	3.0	14
58	Marine and Semi-Synthetic Hydroxysteroids as New Scaffolds for Pregnane X Receptor Modulation. <i>Marine Drugs</i> , 2014, 12, 3091-3115.	4.6	13
59	Mechanochemical Fischer indolisation: an eco-friendly design for a timeless reaction. <i>Green Chemistry</i> , 2022, 24, 4859-4869.	9.0	13
60	Synthetic studies on homophymine A: stereoselective synthesis of (2R,3R,4R,6R)-3-hydroxy-2,4,6-trimethyloctanoic acid. <i>Tetrahedron</i> , 2009, 65, 3659-3663.	1.9	12
61	Structure-based screening for the discovery of 1,2,4-oxadiazoles as promising hits for the development of new anti-inflammatory agents interfering with eicosanoid biosynthesis pathways. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113693.	5.5	12
62	Isolation of Plakinamine I: A New Steroidal Alkaloid from the Marine Sponge <i>Corticium</i> sp. and Synthesis of an Analogue Model Compound. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4359-4363.	2.4	11
63	Phytochemical and Biological Studies of <i>Nepeta asterotricha</i> Rech. f. (Lamiaceae): Isolation of Nepetamoside. <i>Molecules</i> , 2019, 24, 1684.	3.8	10
64	Dysidotronic acid, a new sesquiterpenoid, inhibits cytokine production and the expression of nitric oxide synthase. <i>European Journal of Pharmacology</i> , 2001, 415, 285-292.	3.5	9
65	Pharmacological evaluation of the semi-purified fractions from the soft coral <i>Eunicella singularis</i> and isolation of pure compounds. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014, 22, 64.	2.0	8
66	Anti-inflammatory and analgesic activities with gastroprotective effect of semi-purified fractions and isolation of pure compounds from Mediterranean gorgonian <i>Eunicella singularis</i> . <i>Asian Pacific Journal of Tropical Medicine</i> , 2015, 8, 606-611.	0.8	7
67	Stereochemical assignment at C-24 and C-25 of marine 24-ethyl-26-hydroxy steroids through comparison with synthetic (24S,25S)-, (24S,25R)-, (24R,25R)-, and (24R,25S)-models. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990, , 2895.	0.9	4
68	Synergism of a Novel 1,2,4-oxadiazole-containing Derivative with Oxacillin against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antibiotics</i> , 2021, 10, 1258.	3.7	4
69	Dihydroauroglaucin Isolated from the Mediterranean Sponge <i>Grantia compressa</i> Endophyte Marine Fungus <i>Eurotium chevalieri</i> Inhibits Migration of Human Neuroblastoma Cells. <i>Pharmaceutics</i> , 2022, 14, 616.	4.5	2