Simona De Marino

List of Publications by Year
in descending order

70 papers	2,229 citations	159585 30 h-index	243625 44 g-index
71 all docs	71 docs citations	71 times ranked	2539 citing authors

#	Article	IF	Citations
1	Megastigmane and Phenolic Components fromLaurus nobilisL. Leaves and Their Inhibitory Effects on Nitric Oxide Production. Journal of Agricultural and Food Chemistry, 2004, 52, 7525-7531.	5.2	94
2	Ptilomycalin A, crambescidin 800 and related new highly cytotoxic guanidine alkaloids from the starfishes Fromia monilis and Celerina heffernani. Tetrahedron, 1995, 51, 3675-3682.	1.9	85
3	Exploitation of Cholane Scaffold for the Discovery of Potent and Selective Farnesoid X Receptor (FXR) and G-Protein Coupled Bile Acid Receptor 1 (GP-BAR1) Ligands. Journal of Medicinal Chemistry, 2014, 57, 8477-8495.	6.4	76
4	New Glycosides fromCapsicum annuumL. Var.acuminatum. Isolation, Structure Determination, and Biological Activity. Journal of Agricultural and Food Chemistry, 2001, 49, 2022-2029.	5.2	72
5	Antimicrobial Furostanol Saponins from the Seeds ofCapsicum annuumL. Var.acuminatumÂ§. Journal of Agricultural and Food Chemistry, 2002, 50, 4310-4316.	5.2	72
6	Solomonamides A and B, New Anti-inflammatory Peptides from Theonella swinhoei. Organic Letters, 2011, 13, 1532-1535.	4.6	69
7	Starfish Saponins. 55.1Isolation, Structure Elucidation, and Biological Activity of the Steroid Oligoglycosides from an Antarctic Starfish of the FamilyAsteriidaeâ€. Journal of Natural Products, 1998, 61, 1319-1327.	3.0	63
8	New Constituents of SweetCapsicum annuumL. Fruits and Evaluation of Their Biological Activity. Journal of Agricultural and Food Chemistry, 2006, 54, 7508-7516.	5.2	63
9	Theonellasterols and Conicasterols fromTheonella swinhoei. Novel Marine Natural Ligands for Human Nuclear Receptors. Journal of Medicinal Chemistry, 2011, 54, 3065-3075.	6.4	61
10	New Pyridinium Alkaloids from a Marine Sponge of the GenusSpongiawith a Human Phospholipase A2Inhibitor Profile. Journal of Natural Products, 2000, 63, 322-326.	3.0	57
11	Phenolic glycosides from Foeniculum vulgare fruit and evaluation of antioxidative activity. Phytochemistry, 2007, 68, 1805-1812.	2.9	57
12	Perthamides C and D, two new potent anti-inflammatory cyclopeptides from a Solomon Lithistid sponge Theonella swinhoei. Tetrahedron, 2009, 65, 10424-10429.	1.9	56
13	Bioactive Asterosaponins from the StarfishLuidiaquinariaandPsilastercassiope.Isolation and Structure Characterization by Two-Dimensional NMR Spectroscopy. Journal of Natural Products, 2003, 66, 515-519.	3.0	55
14	Identification of Minor Secondary Metabolites from the Latex of Croton lechleri (Muell-Arg) and Evaluation of Their Antioxidant Activity. Molecules, 2008, 13, 1219-1229.	3.8	55
15	Isolation, Structure Elucidation, and Biological Activity of the Steroid Oligoglycosides and Polyhydroxysteroids from the Antarctic Starfish Acodontaster conspicuus. Journal of Natural Products, 1997, 60, 959-966.	3.0	52
16	Solomonsterols A and B fromTheonella swinhoei. The First Example of C-24 and C-23 Sulfated Sterols from a Marine Source Endowed with a PXR Agonistic Activity. Journal of Medicinal Chemistry, 2011, 54, 401-405.	6.4	51
17	Binding Mechanism of the Farnesoid X Receptor Marine Antagonist Suvanine Reveals a Strategy To Forestall Drug Modulation on Nuclear Receptors. Design, Synthesis, and Biological Evaluation of Novel Ligands. Journal of Medicinal Chemistry, 2013, 56, 4701-4717.	6.4	49
18	Plakilactones from the Marine Sponge Plakinastrella mamillaris. Discovery of a New Class of Marine Ligands of Peroxisome Proliferator-Activated Receptor Î³. Journal of Medicinal Chemistry, 2012, 55, 8303-8317.	6.4	47

#	Article	IF	Citations
19	Antioxidant activity of phenolic and phenylethanoid glycosides from Teucrium polium L. Food Chemistry, 2012, 133, 21-28.	8.2	46
20	Investigation of the polar steroids from an Antarctic Starfish of the family Echinasteridae: isolation of twenty seven polyhydroxysteroids and steroidal oligoglycosides, structures and biological activities. Tetrahedron, 1996, 52, 10997-11012.	1.9	43
21	New Sesquiterpene Lactones fromLaurus nobilisLeaves as Inhibitors of Nitric Oxide Production. Planta Medica, 2005, 71, 706-710.	1.3	43
22	Gracilioethers Eâ€“J, new oxygenated polyketides from the marine sponge Plakinastrella mamillaris. Tetrahedron, 2012, 68, 10157-10163.	1.9	42
23	Oxygenated Polyketides from Plakinastrella mamillaris as a New Chemotype of PXR Agonists. Marine Drugs, 2013, 11, 2314-2327.	4.6	41
24	Jaspamides Mâ€“P: new tryptophan modified jaspamide derivatives from the sponge Jaspis splendans. Tetrahedron, 2009, 65, 51-56.	1.9	40
25	4-Methylenesterols from Theonella swinhoei sponge are natural pregnane-X-receptor agonists and farnesoid-X-receptor antagonists that modulate innate immunity. Steroids, 2012, 77, 484-495.	1.8	40
26	Lauroside B, a Megastigmane Glycoside from Laurus Nobilis (Bay Laurel) Leaves, Induces Apoptosis in Human Melanoma Cell Lines by Inhibiting NF-Î²B Activation. Journal of Natural Products, 2011, 74, 228-233.	3.0	37
27	Potent relaxant effect of a Celastrus paniculatus extract in the rat and human ileum. Journal of Ethnopharmacology, 2009, 122, 434-438.	4.1	36
28	Identification of a New Sesquiterpene Polyol Ester from Celastrus paniculatus. Planta Medica, 2007, 73, 792-794.	1.3	35
29	Towards new ligands of nuclear receptors. Discovery of malaitasterol A, an unique bis-secosterol from marine sponge Theonella swinhoei. Organic and Biomolecular Chemistry, 2011, 9, 4856.	2.8	35
30	Bioactive Cembrane Derivatives from the Indian Ocean Soft Coral, Sinularia kavarattiensis. Marine Drugs, 2014, 12, 4045-4068.	4.6	33
31	Minor Steroidal Alkaloids from the Marine SpongeCorticiumsp.#. Journal of Natural Products, 2002, 65, 1206-1209.	3.0	30
32	New jaspamide derivatives with antimicrofilament activity from the sponge Jaspis splendans. Tetrahedron, 2007, 63, 5212-5219.	1.9	30
33	Plakilactones G and H from a marine sponge. Stereochemical determination of highly flexible systems by quantitative NMR-derived interproton distances combined with quantum mechanical calculations of ¹³C chemical shifts. Beilstein Journal of Organic Chemistry, 2013, 9, 2940-2949.	2.2	30
34	Hyodeoxycholic acid derivatives as liver X receptor Î± and G-protein-coupled bile acid receptor agonists. Scientific Reports, 2017, 7, 43290.	3.3	30
35	Swinholide J, a Potent Cytotoxin from the Marine Sponge Theonella swinhoei. Marine Drugs, 2011, 9, 1133-1141.	4.6	29
36	Chemistry and Pharmacology of GPBAR1 and FXR Selective Agonists, Dual Agonists, and Antagonists. Handbook of Experimental Pharmacology, 2019, 256, 137-165.	1.8	28

#	Article	IF	Citations
37	Jaspamides Hâ€“L, new actin-targeting depsipeptides from the sponge Jaspis splendans. Tetrahedron, 2008, 64, 7127-7130.	1.9	27
38	Investigation around the Oxadiazole Core in the Discovery of a New Chemotype of Potent and Selective FXR Antagonists. ACS Medicinal Chemistry Letters, 2019, 10, 504-510.	2.8	27
39	Coscinolactams A and B: new nitrogen-containing sesterterpenoids from the marine sponge Coscinoderma mathewsi exerting anti-inflammatory properties. Tetrahedron, 2009, 65, 2905-2909.	1.9	25
40	Imbricatolic Acid fromJuniperus communisL. Prevents Cell Cycle Progression in CaLu-6 Cells. Planta Medica, 2011, 77, 1822-1828.	1.3	24
41	Phenolic glycosides from Cucumis melo var. inodorus seeds. Phytochemistry Letters, 2009, 2, 130-133.	1.2	23
42	Targeting Bile Acid Receptors: Discovery of a Potent and Selective Farnesoid X Receptor Agonist as a New Lead in the Pharmacological Approach to Liver Diseases. Frontiers in Pharmacology, 2017, 8, 162.	3.5	23
43	New Sesquiterpenes with Intestinal Relaxant Effect fromCelastrus paniculatus. Planta Medica, 2004, 70, 652-656.	1.3	21
44	Anti-inflammatory cyclopeptides from the marine sponge Theonella swinhoei. Tetrahedron, 2012, 68, 2851-2857.	1.9	21
45	Perthamides Câ€“F, potent human antipsoriatic cyclopeptides. Tetrahedron, 2011, 67, 7780-7786.	1.9	20
46	Molecular decodification of gymnemic acids from Gymnema sylvestre. Discovery of a new class of liver X receptor antagonists. Steroids, 2015, 96, 121-131.	1.8	19
47	A novel sulphated steroid with a 7-membered 5-oxalactone B-ring from an Antarctic starfish of the family Asteriidae. Tetrahedron, 1997, 53, 8625-8628.	1.9	18
48	Preliminary Structure-Activity Relationship on Theonellasterol, a New Chemotype of FXR Antagonist, from the Marine Sponge Theonella swinhoei. Marine Drugs, 2012, 10, 2448-2466.	4.6	17
49	New antimalarial polyketide endoperoxides from the marine sponge Plakinastrella mamillaris collected at Fiji Islands. Tetrahedron, 2013, 69, 3706-3713.	1.9	16
50	Scalarane sesterterpenes from Thorectidae sponges as inhibitors of TDP-43 nuclear factor. Organic and Biomolecular Chemistry, 2014, 12, 8646-8655.	2.8	15
51	Marine and Semi-Synthetic Hydroxysteroids as New Scaffolds for Pregnane X Receptor Modulation. Marine Drugs, 2014, 12, 3091-3115.	4.6	13
52	Discovery of ((1,2,4-oxadiazol-5-yl)pyrrolidin-3-yl)ureidyl derivatives as selective non-steroidal agonists of the G-protein coupled bile acid receptor-1. Scientific Reports, 2019, 9, 2504.	3.3	13
53	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. European Journal of Medicinal Chemistry, 2021, 224, 113693.	5.5	12
54	Isolation of Plakinamine I: A New Steroidal Alkaloid from the Marine SpongeCorticiumsp. and Synthesis of an Analogue Model Compound. European Journal of Organic Chemistry, 2005, 2005, 4359-4363.	2.4	11

#	Article	IF	Citations
55	Phytochemical profile of Juniperus oxycedrus ssp. oxycedrus berries: A new monoterpene glucoside and evaluation of the effects on cancer cell lines. Phytochemistry Letters, 2014, 10, 152-159.	1.2	11
56	Wound healing activity and phytochemical screening of purified fractions of Sempervivum tectorum L. leaves on HCT 116. Phytochemical Analysis, 2019, 30, 524-534.	2.4	11
57	Phytochemical and Biological Studies of Nepeta asterotricha Rech. f. (Lamiaceae): Isolation of Nepetamoside. Molecules, 2019, 24, 1684.	3.8	10
58	Phytochemical Analysis of the Methanolic Extract and Essential Oil from Leaves of Industrial Hemp Futura 75 Cultivar: Isolation of a New Cannabinoid Derivative and Biological Profile Using Computational Approaches. Plants, 2022, 11, 1671.	3.5	10
59	Novel Steroidal Components from the Underground Parts of Ruscus aculeatus L.. Molecules, 2012, 17, 14002-14014.	3.8	8
60	Pharmacological evaluation of the semi-purified fractions from the soft coral Eunicella singularis and isolation of pure compounds. DARU, Journal of Pharmaceutical Sciences, 2014, 22, 64.	2.0	8
61	GPBAR1 Activation by C6-Substituted Hyodeoxycholane Analogues Protect against Colitis. ACS Medicinal Chemistry Letters, 2020, 11, 818-824.	2.8	8
62	Differential in Gel Electrophoresis (DIGE) Comparative Proteomic Analysis of Macrophages Cell Cultures in Response to Perthamide C Treatment. Marine Drugs, 2013, 11, 1288-1299.	4.6	7
63	Anti-inflammatory and analgesic activities with gastroprotective effect of semiâ€“purified fractions and isolation of pure compounds from Mediterranean gorgonian Eunicella singularis. Asian Pacific Journal of Tropical Medicine, 2015, 8, 606-611.	0.8	7
64	Triterpenoid profile and bioactivity study of Oenothera maritima. Phytochemistry Letters, 2015, 13, 324-329.	1.2	5
65	Epoxide functionalization on cholane side chains in the identification of G-protein coupled bile acid receptor (GPBAR1) selective agonists. RSC Advances, 2017, 7, 32877-32885.	3.6	4
66	Synergism of a Novel 1,2,4-oxadiazole-containing Derivative with Oxacillin against Methicillin-Resistant Staphylococcus aureus. Antibiotics, 2021, 10, 1258.	3.7	4
67	Biological Profile of Two Gentiana lutea L. Metabolites Using Computational Approaches and In Vitro Tests. Biomolecules, 2021, 11, 1490.	4.0	3
68	Biomolecular proteomics discloses ATP synthase as the main target of the natural glycoside deglucoruscin. Molecular BioSystems, 2016, 12, 3132-3138.	2.9	2
69	L-Cysteine (3-Nitrophenyl)methyl Ester Hydrochloride: A New Chiral Reagent in the Sugar Analysis. Letters in Organic Chemistry, 2017, 14, 69-73.	0.5	2
70	Discovering New G-Quadruplex DNA Catalysts in Enantioselective Sulfoxidation Reaction. International Journal of Molecular Sciences, 2022, 23, 1092.	4.1	2