

# Simona De Marino

## List of Publications by Year in descending order

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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	Discovering New G-Quadruplex DNA Catalysts in Enantioselective Sulfoxidation Reaction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1092.	4.1	2
2	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. <i>Plants</i> , 2022, 11, 1671.	3.5	10
3	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
4	Biological Profile of Two <i>Gentiana lutea</i> L. Metabolites Using Computational Approaches and In Vitro Tests. <i>Biomolecules</i> , 2021, 11, 1490.	4.0	3
5	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
6	GPBAR1 Activation by C6-Substituted Hyodeoxycholine Analogues Protect against Colitis. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 818-824.	2.8	8
7	Chemistry and Pharmacology of GPBAR1 and FXR Selective Agonists, Dual Agonists, and Antagonists. <i>Handbook of Experimental Pharmacology</i> , 2019, 256, 137-165.	1.8	28
8	Wound healing activity and phytochemical screening of purified fractions of <i>Sempervivum tectorum</i> L. leaves on HCT 116. <i>Phytochemical Analysis</i> , 2019, 30, 524-534.	2.4	11
9	Phytochemical and Biological Studies of <i>Nepeta asterotricha</i> Rech. f. (Lamiaceae): Isolation of Nepetamoside. <i>Molecules</i> , 2019, 24, 1684.	3.8	10
10	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. <i>Scientific Reports</i> , 2019, 9, 2504.	3.3	13
11	Investigation around the Oxadiazole Core in the Discovery of a New Chemotype of Potent and Selective FXR Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 504-510.	2.8	27
12	Hyodeoxycholic acid derivatives as liver X receptor $\hat{\pm}$ and G-protein-coupled bile acid receptor agonists. <i>Scientific Reports</i> , 2017, 7, 43290.	3.3	30
13	Epoxide functionalization on cholane side chains in the identification of G-protein coupled bile acid receptor (GPBAR1) selective agonists. <i>RSC Advances</i> , 2017, 7, 32877-32885.	3.6	4
14	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. <i>Frontiers in Pharmacology</i> , 2017, 8, 162.	3.5	23
15	L-Cysteine (3-Nitrophenyl)methyl Ester Hydrochloride: A New Chiral Reagent in the Sugar Analysis. <i>Letters in Organic Chemistry</i> , 2017, 14, 69-73.	0.5	2
16	Biomolecular proteomics discloses ATP synthase as the main target of the natural glycoside deglucosucin. <i>Molecular BioSystems</i> , 2016, 12, 3132-3138.	2.9	2
17	Molecular decodification of gymnemic acids from <i>Gymnema sylvestre</i> . Discovery of a new class of liver X receptor antagonists. <i>Steroids</i> , 2015, 96, 121-131.	1.8	19
18	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

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19	Triterpenoid profile and bioactivity study of <i>Oenothera maritima</i> . <i>Phytochemistry Letters</i> , 2015, 13, 324-329.	1.2	5
20	Bioactive Cembrane Derivatives from the Indian Ocean Soft Coral, <i>Sinularia kavarattiensis</i> . <i>Marine Drugs</i> , 2014, 12, 4045-4068.	4.6	33
21	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
22	Scalarane sesterterpenes from Thorectidae sponges as inhibitors of TDP-43 nuclear factor. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8646-8655.	2.8	15
23	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. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8477-8495.	6.4	76
24	Phytochemical profile of <i>Juniperus oxycedrus</i> ssp. <i>oxycedrus</i> berries: A new monoterpene glucoside and evaluation of the effects on cancer cell lines. <i>Phytochemistry Letters</i> , 2014, 10, 152-159.	1.2	11
25	Marine and Semi-Synthetic Hydroxysteroids as New Scaffolds for Pregnane X Receptor Modulation. <i>Marine Drugs</i> , 2014, 12, 3091-3115.	4.6	13
26	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. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4701-4717.	6.4	49
27	New antimalarial polyketide endoperoxides from the marine sponge <i>Plakinastrella mamillaris</i> collected at Fiji Islands. <i>Tetrahedron</i> , 2013, 69, 3706-3713.	1.9	16
28	Differential in Gel Electrophoresis (DIGE) Comparative Proteomic Analysis of Macrophages Cell Cultures in Response to Perthamide C Treatment. <i>Marine Drugs</i> , 2013, 11, 1288-1299.	4.6	7
29	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 <sup>13</sup> C chemical shifts. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2940-2949.	2.2	30
30	Oxygenated Polyketides from <i>Plakinastrella mamillaris</i> as a New Chemotype of PXR Agonists. <i>Marine Drugs</i> , 2013, 11, 2314-2327.	4.6	41
31	Preliminary Structure-Activity Relationship on Theonellasterol, a New Chemotype of FXR Antagonist, from the Marine Sponge <i>Theonella swinhoei</i> . <i>Marine Drugs</i> , 2012, 10, 2448-2466.	4.6	17
32	Novel Steroidal Components from the Underground Parts of <i>Ruscus aculeatus</i> L.. <i>Molecules</i> , 2012, 17, 14002-14014.	3.8	8
33	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
34	Gracilioethers [J], new oxygenated polyketides from the marine sponge <i>Plakinastrella mamillaris</i> . <i>Tetrahedron</i> , 2012, 68, 10157-10163.	1.9	42
35	Plakilactones from the Marine Sponge <i>Plakinastrella mamillaris</i> . Discovery of a New Class of Marine Ligands of Peroxisome Proliferator-Activated Receptor $\beta$ . <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8303-8317.	6.4	47
36	Antioxidant activity of phenolic and phenylethanoid glycosides from <i>Teucrium polium</i> L. <i>Food Chemistry</i> , 2012, 133, 21-28.	8.2	46

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37	Anti-inflammatory cyclopeptides from the marine sponge <i>Theonella swinhoei</i> . <i>Tetrahedron</i> , 2012, 68, 2851-2857.	1.9	21
38	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
39	Imbricatolic Acid from <i>Juniperus communis</i> L. Prevents Cell Cycle Progression in CaLu-6 Cells. <i>Planta Medica</i> , 2011, 77, 1822-1828.	1.3	24
40	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
41	Swinholide J, a Potent Cytotoxin from the Marine Sponge <i>Theonella swinhoei</i> . <i>Marine Drugs</i> , 2011, 9, 1133-1141.	4.6	29
42	Solomonamides A and B, New Anti-inflammatory Peptides from <i>Theonella swinhoei</i> . <i>Organic Letters</i> , 2011, 13, 1532-1535.	4.6	69
43	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
44	Perthamides C&F, potent human antipsoriatic cyclopeptides. <i>Tetrahedron</i> , 2011, 67, 7780-7786.	1.9	20
45	Lauroside B, a Megastigmane Glycoside from <i>Laurus Nobilis</i> (Bay Laurel) Leaves, Induces Apoptosis in Human Melanoma Cell Lines by Inhibiting NF- $\kappa$ B Activation. <i>Journal of Natural Products</i> , 2011, 74, 228-233.	3.0	37
46	Jaspamides M&P: new tryptophan modified jaspamide derivatives from the sponge <i>Jaspis splendans</i> . <i>Tetrahedron</i> , 2009, 65, 51-56.	1.9	40
47	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
48	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
49	Phenolic glycosides from <i>Cucumis melo</i> var. <i>inodorus</i> seeds. <i>Phytochemistry Letters</i> , 2009, 2, 130-133.	1.2	23
50	Potent relaxant effect of a <i>Celastrus paniculatus</i> extract in the rat and human ileum. <i>Journal of Ethnopharmacology</i> , 2009, 122, 434-438.	4.1	36
51	Jaspamides H&L, new actin-targeting depsipeptides from the sponge <i>Jaspis splendans</i> . <i>Tetrahedron</i> , 2008, 64, 7127-7130.	1.9	27
52	Identification of Minor Secondary Metabolites from the Latex of <i>Croton lechleri</i> (Muell-Arg) and Evaluation of Their Antioxidant Activity. <i>Molecules</i> , 2008, 13, 1219-1229.	3.8	55
53	Identification of a New Sesquiterpene Polyol Ester from <i>Celastrus paniculatus</i> . <i>Planta Medica</i> , 2007, 73, 792-794.	1.3	35
54	New jaspamide derivatives with antimicrofilament activity from the sponge <i>Jaspis splendans</i> . <i>Tetrahedron</i> , 2007, 63, 5212-5219.	1.9	30

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55	Phenolic glycosides from <i>Foeniculum vulgare</i> fruit and evaluation of antioxidative activity. <i>Phytochemistry</i> , 2007, 68, 1805-1812.	2.9	57
56	New Constituents of Sweet <i>Capsicum annuum</i> L. Fruits and Evaluation of Their Biological Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 7508-7516.	5.2	63
57	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
58	New Sesquiterpene Lactones from <i>Laurus nobilis</i> Leaves as Inhibitors of Nitric Oxide Production. <i>Planta Medica</i> , 2005, 71, 706-710.	1.3	43
59	New Sesquiterpenes with Intestinal Relaxant Effect from <i>Celastrus paniculatus</i> . <i>Planta Medica</i> , 2004, 70, 652-656.	1.3	21
60	Megastigmane and Phenolic Components from <i>Laurus nobilis</i> L. Leaves and Their Inhibitory Effects on Nitric Oxide Production. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 7525-7531.	5.2	94
61	Bioactive Asterosaponins from the Starfish <i>Luidia quinaria</i> and <i>Psilaster cossiope</i> . Isolation and Structure Characterization by Two-Dimensional NMR Spectroscopy. <i>Journal of Natural Products</i> , 2003, 66, 515-519.	3.0	55
62	Antimicrobial Furostanol Saponins from the Seeds of <i>Capsicum annuum</i> L. Var. <i>acuminatum</i> Å. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 4310-4316.	5.2	72
63	Minor Steroidal Alkaloids from the Marine Sponge <i>Corticium</i> sp. #. <i>Journal of Natural Products</i> , 2002, 65, 1206-1209.	3.0	30
64	New Glycosides from <i>Capsicum annuum</i> L. Var. <i>acuminatum</i> . Isolation, Structure Determination, and Biological Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2022-2029.	5.2	72
65	New Pyridinium Alkaloids from a Marine Sponge of the Genus <i>Spongia</i> with a Human Phospholipase A2 Inhibitor Profile. <i>Journal of Natural Products</i> , 2000, 63, 322-326.	3.0	57
66	Starfish Saponins. 55.1 Isolation, Structure Elucidation, and Biological Activity of the Steroid Oligoglycosides from an Antarctic Starfish of the Family <i>Asteriidae</i> Å. <i>Journal of Natural Products</i> , 1998, 61, 1319-1327.	3.0	63
67	Isolation, Structure Elucidation, and Biological Activity of the Steroid Oligoglycosides and Polyhydroxysteroids from the Antarctic Starfish <i>Acodontaster conspicuus</i> . <i>Journal of Natural Products</i> , 1997, 60, 959-966.	3.0	52
68	A novel sulphated steroid with a 7-membered 5-oxalactone B-ring from an Antarctic starfish of the family <i>Asteriidae</i> . <i>Tetrahedron</i> , 1997, 53, 8625-8628.	1.9	18
69	Investigation of the polar steroids from an Antarctic Starfish of the family <i>Echinasteridae</i> : isolation of twenty seven polyhydroxysteroids and steroidal oligoglycosides, structures and biological activities. <i>Tetrahedron</i> , 1996, 52, 10997-11012.	1.9	43
70	Ptilomycalin A, crambescidin 800 and related new highly cytotoxic guanidine alkaloids from the starfishes <i>Fromia monilis</i> and <i>Celerina heffernani</i> . <i>Tetrahedron</i> , 1995, 51, 3675-3682.	1.9	85