Angela Zampella

List of Publications by Year
in descending order

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144 papers	5,485 citations	66343 42 h-index	118850 62 g-index
159 all docs	159 docs citations	159 times ranked	4357 citing authors

#	Article	IF	Citations
1	Bile Acids Activated Receptors Regulate Innate Immunity. Frontiers in Immunology, 2018, 9, 1853.	4.8	334
2	The Bile Acid Receptor GPBAR1 Regulates the M1/M2 Phenotype of Intestinal Macrophages and Activation of GPBAR1 Rescues Mice from Murine Colitis. Journal of Immunology, 2017, 199, 718-733.	0.8	198
3	Callipeltin A, an Anti-HIV Cyclic Depsipeptide from the New Caledonian Lithistida SpongeCallipeltasp.. Journal of the American Chemical Society, 1996, 118, 6202-6209.	13.7	158
4	Callipeltoside A:Â A Cytotoxic Aminodeoxy Sugar-Containing Macrolide of a New Type from the Marine Lithistida SpongeCallipeltasp.. Journal of the American Chemical Society, 1996, 118, 11085-11088.	13.7	150
5	Bile acids and their receptors in metabolic disorders. Progress in Lipid Research, 2021, 82, 101094.	11.6	112
6	Homophymine A, an Anti-HIV Cyclodepsipeptide from the Sponge Homophymia sp.. Journal of Organic Chemistry, 2008, 73, 5319-5327.	3.2	100
7	Callipeltosides B and C, two novel cytotoxic glycoside macrolides from a marine lithistida sponge Callipelta sp.. Tetrahedron, 1997, 53, 3243-3248.	1.9	97
8	BAR502, a dual FXR and GPBAR1 agonist, promotes browning of white adipose tissue and reverses liver steatosis and fibrosis. Scientific Reports, 2017, 7, 42801.	3.3	94
9	Structures of microfilament destabilizing toxins bound to actin provide insight into toxin design and activity. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14527-14532.	7.1	91
10	The Bile Acid Sensor FXR Is Required for Immune-Regulatory Activities of TLR-9 in Intestinal Inflammation. PLoS ONE, 2013, 8, e54472.	2.5	82
11	Quantitative NMR-Derived Interproton Distances Combined with Quantum Mechanical Calculations of ¹³C Chemical Shifts in the Stereochemical Determination of Conicasterol F, a Nuclear Receptor Ligand from Theonella swinhoei. Journal of Organic Chemistry, 2012, 77, 1489-1496.	3.2	81
12	Callipeltins B and C; bioactive peptides from a marine Lithistida sponge Callipelta sp. Tetrahedron, 1996, 52, 9589-9596.	1.9	79
13	Design, Synthesis, and Biological Evaluation of Potent Dual Agonists of Nuclear and Membrane Bile Acid Receptors. Journal of Medicinal Chemistry, 2014, 57, 937-954.	6.4	79
14	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
15	Hijacking SARS-CoV-2/ACE2 Receptor Interaction by Natural and Semi-synthetic Steroidal Agents Acting on Functional Pockets on the Receptor Binding Domain. Frontiers in Chemistry, 2020, 8, 572885.	3.6	76
16	Farnesoid X receptor modulators 2014-present: a patent review. Expert Opinion on Therapeutic Patents, 2018, 28, 351-364.	5.0	72
17	Solomonamides A and B, New Anti-inflammatory Peptides from Theonella swinhoei. Organic Letters, 2011, 13, 1532-1535.	4.6	69
18	Bile acid modulators for the treatment of nonalcoholic steatohepatitis (NASH). Expert Opinion on Investigational Drugs, 2020, 29, 623-632.	4.1	67

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19	Reidispongiolide A and B, two new potent cytotoxic macrolides from the new caledonian sponge Reidispongia coerulea. Tetrahedron, 1994, 50, 4829-4834.	1.9	65
20	Isolation of callipeltins Aâ€“C and of two new open-chain derivatives of callipeltin A from the marine sponge Latrunculia sp. A revision of the stereostructure of callipeltins. Tetrahedron Letters, 2002, 43, 6163-6166.	1.4	65
21	Discovery That Theonellasterol a Marine Sponge Sterol Is a Highly Selective FXR Antagonist That Protects against Liver Injury in Cholestasis. PLoS ONE, 2012, 7, e30443.	2.5	62
22	Modification on Ursodeoxycholic Acid (UDCA) Scaffold. Discovery of Bile Acid Derivatives As Selective Agonists of Cell-Surface G-Protein Coupled Bile Acid Receptor 1 (GP-BAR1). Journal of Medicinal Chemistry, 2014, 57, 7687-7701.	6.4	62
23	Theonellasterols and Conicasterols fromTheonella swinhoei. Novel Marine Natural Ligands for Human Nuclear Receptors. Journal of Medicinal Chemistry, 2011, 54, 3065-3075.	6.4	61
24	Superstolide A: a potent cytotoxic macrolide of a new type from the New Caledonian deep water marine sponge Neosiphonia superstes. Journal of the American Chemical Society, 1994, 116, 6658-6663.	13.7	60
25	Discovery of Sulfated Sterols from Marine Invertebrates as a New Class of Marine Natural Antagonists of Farnesoid-X-Receptor. Journal of Medicinal Chemistry, 2011, 54, 1314-1320.	6.4	59
26	New Jaspamide Derivatives from the Marine SpongeJaspis splendansCollected in Vanuatu1. Journal of Natural Products, 1999, 62, 332-334.	3.0	57
27	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
28	Total Synthesis and Pharmacological Characterization of Solomonsterol A, a Potent Marine Pregnane-X-Receptor Agonist Endowed with Anti-Inflammatory Activity. Journal of Medicinal Chemistry, 2011, 54, 4590-4599.	6.4	53
29	Homophymines Bâ€“E and A1â€“E1, a family of bioactive cyclodepsipeptides from the sponge Homophymia sp.. Organic and Biomolecular Chemistry, 2009, 7, 4037.	2.8	51
30	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
31	Reversal of Endothelial Dysfunction by GPBAR1 Agonism in Portal Hypertension Involves a AKT/FOXOA1 Dependent Regulation of H2S Generation and Endothelin-1. PLoS ONE, 2015, 10, e0141082.	2.5	51
32	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
33	Glucocorticoid receptor mediates the gluconeogenic activity of the farnesoid X receptor in the fasting condition. FASEB Journal, 2012, 26, 3021-3031.	0.5	48
34	Marine sponge steroids as nuclear receptor ligands. Trends in Pharmacological Sciences, 2012, 33, 591-601.	8.7	47
35	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
36	Three new potent cytotoxic macrolides closely related to sphinxolide from the new caledonian sponge neosiphonia superstes. Tetrahedron, 1993, 49, 8657-8664.	1.9	46

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37	Callipeltins Fâ€“I: new antifungal peptides from the marine sponge Latrunculia sp.. Tetrahedron, 2006, 62, 833-840.	1.9	46
38	Concise Synthesis of All Stereoisomers of Î²-Methoxytyrosine and Determination of the Absolute Configuration of the Residue in Callipeltin A. Organic Letters, 2005, 7, 3585-3588.	4.6	45
39	Isolation and structural elucidation of callipeltins Jâ€“M: antifungal peptides from the marine sponge Latrunculia sp.. Tetrahedron, 2007, 63, 131-140.	1.9	45
40	Cystathionine Î³-lyase, a H₂S-generating enzyme, is a GPBAR1-regulated gene and contributes to vasodilation caused by secondary bile acids. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H114-H126.	3.2	45
41	A Novel Cytotoxic Macrolide, Superstolide B, Related to Superstolide A, from the New Caledonian Marine Sponge Neosiphonia superstes. Journal of Natural Products, 1994, 57, 1595-1597.	3.0	44
42	Conicasterol E, a Small Heterodimer Partner Sparing Farnesoid X Receptor Modulator Endowed with a Pregnane X Receptor Agonistic Activity, from the Marine Sponge Theonella swinhoei. Journal of Medicinal Chemistry, 2012, 55, 84-93.	6.4	43
43	Impaired Itching Perception in Murine Models of Cholestasis Is Supported by Dysregulation of GPBAR1 Signaling. PLoS ONE, 2015, 10, e0129866.	2.5	43
44	Neosiphoniamolide A, a Novel Cyclodepsipeptide, with Antifungal Activity from the Marine Sponge Neosiphonia superstes. Journal of Natural Products, 1995, 58, 121-123.	3.0	42
45	Gracilioethers Eâ€“J, new oxygenated polyketides from the marine sponge Plakinastrella mamillaris. Tetrahedron, 2012, 68, 10157-10163.	1.9	42
46	Farnesoid X receptor: from medicinal chemistry to clinical applications. Future Medicinal Chemistry, 2012, 4, 877-891.	2.3	42
47	Oxygenated Polyketides from Plakinastrella mamillaris as a New Chemotype of PXR Agonists. Marine Drugs, 2013, 11, 2314-2327.	4.6	41
48	Bengamides and Related New Amino Acid Derivatives from the New Caledonian Marine SpongeJaspis carteri. Journal of Natural Products, 1997, 60, 814-816.	3.0	40
49	Jaspamides Mâ€“P: new tryptophan modified jaspamide derivatives from the sponge Jaspis splendans. Tetrahedron, 2009, 65, 51-56.	1.9	40
50	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
51	Agonism for the bile acid receptor GPBAR1 reverses liver and vascular damage in a mouse model of steatohepatitis. FASEB Journal, 2019, 33, 2809-2822.	0.5	40
52	Insights on FXR selective modulation. Speculation on bile acid chemical space in the discovery of potent and selective agonists. Scientific Reports, 2016, 6, 19008.	3.3	38
53	Decoding the vasoregulatory activities of bile acid-activated receptors in systemic and portal circulation: role of gaseous mediators. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H21-H32.	3.2	38
54	Ursodeoxycholic acid is a GPBAR1 agonist and resets liver/intestinal FXR signaling in a model of diet-induced dysbiosis and NASH. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1422-1437.	2.4	37

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55	GPBAR1 Functions as Gatekeeper for Liver NKT Cells and provides Counterregulatory Signals in Mouse Models of Immune-Mediated Hepatitis. Cellular and Molecular Gastroenterology and Hepatology, 2019, 8, 447-473.	4.5	37
56	Development of FXR, PXR and CAR Agonists and Antagonists for Treatment of Liver Disorders. Current Topics in Medicinal Chemistry, 2012, 12, 605-624.	2.1	36
57	Gpbar1 agonism promotes a Pgc-1Î±-dependent browning of white adipose tissue and energy expenditure and reverses diet-induced steatohepatitis in mice. Scientific Reports, 2017, 7, 13689.	3.3	36
58	Crellastatin A:Â A Cytotoxic Bis-Steroid Sulfate from the Vanuatu Marine SpongeCrellasp.â€. Journal of Organic Chemistry, 1998, 63, 7382-7388.	3.2	35
59	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
60	Stereochemical Studies on Sphinxolide: Advances in theJ-Based NMR Determination of the Relative Configuration of Flexible Systems. European Journal of Organic Chemistry, 2001, 2001, 39-44.	2.4	33
61	Stereochemical assignment of the C23â€“C35 portion of sphinxolide/reidispongiolide class of natural products by asymmetric synthesis. Tetrahedron: Asymmetry, 2003, 14, 1787-1798.	1.8	33
62	Bioactive Cembrane Derivatives from the Indian Ocean Soft Coral, Sinularia kavarattiensis. Marine Drugs, 2014, 12, 4045-4068.	4.6	33
63	Bile acid-activated receptors and the regulation of macrophages function in metabolic disorders. Current Opinion in Pharmacology, 2020, 53, 45-54.	3.5	33
64	Steroidal scaffolds as FXR and GPBAR1 ligands: from chemistry to therapeutical application. Future Medicinal Chemistry, 2015, 7, 1109-1135.	2.3	32
65	New jaspamide derivatives with antimicrofilament activity from the sponge Jaspis splendans. Tetrahedron, 2007, 63, 5212-5219.	1.9	30
66	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
67	Hyodeoxycholic acid derivatives as liver X receptor Î± and G-protein-coupled bile acid receptor agonists. Scientific Reports, 2017, 7, 43290.	3.3	30
68	Sphinxolides E-G and reidispongiolide C: four new cytotoxic macrolides from the new caledonian lithistida sponges N. superstes and R. coeruleaXXX. Tetrahedron, 1999, 55, 14665-14674.	1.9	29
69	Synthetic and pharmacological studies on new simplified analogues of the potent actin-targeting Jaspamide. Bioorganic and Medicinal Chemistry, 2008, 16, 6580-6588.	3.0	29
70	Swinholide J, a Potent Cytotoxin from the Marine Sponge Theonella swinhoei. Marine Drugs, 2011, 9, 1133-1141.	4.6	29
71	Chemistry and Pharmacology of GPBAR1 and FXR Selective Agonists, Dual Agonists, and Antagonists. Handbook of Experimental Pharmacology, 2019, 256, 137-165.	1.8	28
72	New Isomalabaricane Derivatives from a New Species ofJaspisSponge Collected at the Vanuatu Islands. Journal of Natural Products, 2000, 63, 943-946.	3.0	27

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73	Jaspamides Hâ€“L, new actin-targeting depsipeptides from the sponge Jaspis splendans. Tetrahedron, 2008, 64, 7127-7130.	1.9	27
74	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
75	Novel Isoxazole Derivatives with Potent FXR Agonistic Activity Prevent Acetaminophen-Induced Liver Injury. ACS Medicinal Chemistry Letters, 2019, 10, 407-412.	2.8	27
76	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
77	Solomonsterol A, a Marine Pregnane-X-Receptor Agonist, Attenuates Inflammation and Immune Dysfunction in a Mouse Model of Arthritis. Marine Drugs, 2014, 12, 36-53.	4.6	25
78	Disruption of TFGÎ²-SMAD3 pathway by the nuclear receptor SHP mediates the antifibrotic activities of BAR704, a novel highly selective FXR ligand. Pharmacological Research, 2018, 131, 17-31.	7.1	25
79	Amphiasterins: a new family of cytotoxic metabolites from the marine sponge Plakortis quasiamphiaster. Tetrahedron, 2001, 57, 257-263.	1.9	24
80	The Bile Acid Receptor GPBAR1 Modulates CCL2/CCR2 Signaling at the Liver Sinusoidal/Macrophage Interface and Reverses Acetaminophen-Induced Liver Toxicity. Journal of Immunology, 2020, 204, 2535-2551.	0.8	24
81	Metabolites of the New Caledonian Sponge Claodocroce incurvata. Journal of Natural Products, 1993, 56, 418-423.	3.0	23
82	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. Tetrahedron: Asymmetry, 2002, 13, 1237-1239.	1.8	23
83	Quantum Mechanical Calculation of Coupling Constants in the Configurational Analysis of Flexible Systems: Determination of the Configuration of Callipeltin A. European Journal of Organic Chemistry, 2006, 2006, 604-609.	2.4	23
84	Structure-based drug design targeting the cell membrane receptor GPBAR1: exploiting the bile acid scaffold towards selective agonism. Scientific Reports, 2015, 5, 16605.	3.3	23
85	Farnesoid X receptor modulators (2011 â€“ 2014): a patent review. Expert Opinion on Therapeutic Patents, 2015, 25, 885-896.	5.0	23
86	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
87	Opposite effects of the FXR agonist obeticholic acid on Mafg and Nrf2 mediate the development of acute liver injury in rodent models of cholestasis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158733.	2.4	22
88	Immunomodulatory functions of FXR. Molecular and Cellular Endocrinology, 2022, 551, 111650.	3.2	22
89	Callipeltin A: sodium ionophore effect and tension development in vascular smooth muscle. Biochemical Pharmacology, 2004, 68, 1331-1338.	4.4	21
90	Natural Ligands for Nuclear Receptors: Biology and Potential Therapeutic Applications. Current Topics in Medicinal Chemistry, 2012, 12, 637-669.	2.1	21

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91	Chemical Proteomics Reveals Heat Shock Protein 60 To Be the Main Cellular Target of the Marine Bioactive Sesterterpene Suvanine. ChemBioChem, 2012, 13, 1953-1958.	2.6	21
92	Anti-inflammatory cyclopeptides from the marine sponge Theonella swinhoei. Tetrahedron, 2012, 68, 2851-2857.	1.9	21
93	Transcriptome Analysis of Dual FXR and GPBAR1 Agonism in Rodent Model of NASH Reveals Modulation of Lipid Droplets Formation. Nutrients, 2019, 11, 1132.	4.1	21
94	The nuclear receptor FXR regulates hepatic transport and metabolism of glutamine and glutamate. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1522-1531.	3.8	20
95	Perthamides Câ€“F, potent human antipsoriatic cyclopeptides. Tetrahedron, 2011, 67, 7780-7786.	1.9	20
96	Modification in the side chain of solomonsterol A: discovery of cholestan disulfate as a potent pregnane-X-receptor agonist. Organic and Biomolecular Chemistry, 2012, 10, 6350.	2.8	20
97	Heteronemin, a marine sponge terpenoid, targets TDP-43, a key factor in several neurodegenerative disorders. Chemical Communications, 2014, 50, 406-408.	4.1	20
98	Concise synthesis of AHMHA unit in perthamide C. Structural and stereochemical revision of perthamide C. Tetrahedron, 2010, 66, 7520-7526.	1.9	19
99	Structural insights into Estrogen Related Receptor-Î² modulation: 4-Methylenesterols from Theonella swinhoei sponge as the first example of marine natural antagonists. Steroids, 2014, 80, 51-63.	1.8	19
100	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
101	Synthetic studies on callipeltin A: stereoselective synthesis of (2 R ,3 R ,4 S) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td ()-3 hy	1.8	18
102	Discovery of a AHR pelargonidin agonist that counter-regulates Ace2 expression and attenuates ACE2-SARS-CoV-2 interaction. Biochemical Pharmacology, 2021, 188, 114564.	4.4	18
103	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
104	The First Total Synthesis of Solomonsterol B, a Marine Pregnane X Receptor Agonist. European Journal of Organic Chemistry, 2012, 2012, 5187-5194.	2.4	17
105	Isoswinholide B and swinholide K, potently cytotoxic dimeric macrolides from Theonella swinhoei. Bioorganic and Medicinal Chemistry, 2013, 21, 5332-5338.	3.0	17
106	The identification of farnesoid X receptor modulators as treatment options for nonalcoholic fatty liver disease. Expert Opinion on Drug Discovery, 2021, 16, 1193-1208.	5.0	17
107	Isolation and structural elucidation of the crellastatins I-M: cytotoxic bis-steroid derivatives from the vanuatu marine sponge Crella sp. Tetrahedron, 1999, 55, 13749-13756.	1.9	16
108	New antimalarial polyketide endoperoxides from the marine sponge Plakinastrella mamillaris collected at Fiji Islands. Tetrahedron, 2013, 69, 3706-3713.	1.9	16

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109	Investigation on bile acid receptor regulators. Discovery of cholanoic acid derivatives with dual G-protein coupled bile acid receptor 1 (GPBAR1) antagonistic and farnesoid X receptor (FXR) modulatory activity. Steroids, 2016, 105, 59-67.	1.8	16
110	Characterisation of the Dynamic Interactions between Complex Nâ€Glycans and Human CD22. ChemBioChem, 2020, 21, 129-140.	2.6	16
111	Analysis of Gastric Cancer Transcriptome Allows the Identification of Histotype Specific Molecular Signatures With Prognostic Potential. Frontiers in Oncology, 2021, 11, 663771.	2.8	15
112	The bile acid activated receptors GPBAR1 and FXR exert antagonistic effects on autophagy. FASEB Journal, 2021, 35, e21271.	0.5	15
113	Discovery of Bile Acid Derivatives as Potent ACE2 Activators by Virtual Screening and Essential Dynamics. Journal of Chemical Information and Modeling, 2022, 62, 196-209.	5.4	15
114	Studies towards the synthesis of superstolide A. Synthesis and stereochemical assignment of the C(21)î—¸C(26) fragment of superstolide A. Tetrahedron: Asymmetry, 2001, 12, 1543-1545.	1.8	14
115	FXR mediates a chromatin looping in the GR promoter thus promoting the resolution of colitis in rodents. Pharmacological Research, 2013, 77, 1-10.	7.1	14
116	Insights on pregnane-X-receptor modulation. Natural and semisynthetic steroids from Theonella marine sponges. European Journal of Medicinal Chemistry, 2014, 73, 126-134.	5.5	14
117	Incisterols, highly degraded marine sterols, are a new chemotype of PXR agonists. Steroids, 2014, 83, 80-85.	1.8	14
118	Stereochemistry of Sphinxolides and Reidispongiolides. Asymmetric Synthesis of the C17â^'C22 Fragment of Reidispongiolide A. European Journal of Organic Chemistry, 2002, 2002, 785-790.	2.4	13
119	Marine and Semi-Synthetic Hydroxysteroids as New Scaffolds for Pregnane X Receptor Modulation. Marine Drugs, 2014, 12, 3091-3115.	4.6	13
120	Navigation in bile acid chemical space: discovery of novel FXR and GPBAR1 ligands. Scientific Reports, 2016, 6, 29320.	3.3	13
121	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
122	Isolation and Structural Elucidation of Crellastatins Bâ€"H: Cytotoxic Bis(steroid) Derivatives from the Vanuatu Marine SpongeCrella sp.. , 1999, 1999, 949-953.		12
123	Synthetic studies on homophymine A: stereoselective synthesis of (2R,3R,4R,6R)-3-hydroxy-2,4,6-trimethyloctanoic acid. Tetrahedron, 2009, 65, 3659-3663.	1.9	12
124	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
125	Heat shock proteins as key biological targets of the marine natural cyclopeptide perthamide C. Molecular BioSystems, 2012, 8, 1412.	2.9	10
126	New tridecapeptides of the theonellapeptolide family from the Indonesian sponge Theonella swinhoei. Beilstein Journal of Organic Chemistry, 2013, 9, 1643-1651.	2.2	10

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127	Isolation, structure characterization and conformational analysis of a unique 4Î±,9Î±-epoxysteroid sulphate from the okinawan ophiuroid Ophiomastix annulosa. Tetrahedron Letters, 1992, 33, 4641-4644.	1.4	9
128	GLP-1 Mediates Regulation of Colonic ACE2 Expression by the Bile Acid Receptor GPBAR1 in Inflammation. Cells, 2022, 11, 1187.	4.1	9
129	Atorvastatin protects against liver and vascular damage in a model of diet induced steatohepatitis by resetting FXR and GPBAR1 signaling. FASEB Journal, 2022, 36, e22060.	0.5	9
130	GPBAR1 Activation by C6-Substituted Hyodeoxycholane Analogues Protect against Colitis. ACS Medicinal Chemistry Letters, 2020, 11, 818-824.	2.8	8
131	The chemistry of lithistid sponge: A spectacular source of new metabolites. Studies in Natural Products Chemistry, 2002, 26, 1175-1258.	1.8	7
132	Toward the Synthesis of Reidispongiolide A: An Improved Stereocontrolled Synthesis of the C23-C35 Fragment of Reidispongiolide A. Letters in Organic Chemistry, 2004, 1, 308-312.	0.5	7
133	Synthesis, Pharmacological Evaluation, and Molecular Modeling Studies of Novel Peptidic CAAX Analogues as Farnesyl-Protein-Transferase Inhibitors. Journal of Medicinal Chemistry, 2006, 49, 1882-1890.	6.4	7
134	Determination of Gymnemic Acid I as a Protein Biosynthesis Inhibitor Using Chemical Proteomics. Journal of Natural Products, 2017, 80, 909-915.	3.0	7
135	Harnessing interrupted Fischer in continuous flow: sustainable synthesis of (spiro)indolenine and (spiro)indoline privileged scaffolds. Reaction Chemistry and Engineering, 2020, 5, 2091-2100.	3.7	7
136	Coupling Interrupted Fischer and Multicomponent JoulliÃ©â€Ugi to Chase Chemical Diversity: from Batch to Sustainable Flow Synthesis of Peptidomimetics. ChemMedChem, 2021, 16, 3795-3809.	3.2	6
137	Perthamide C Inhibits eNOS and iNOS Expression and Has Immunomodulating Activity In Vivo. PLoS ONE, 2013, 8, e57801.	2.5	6
138	Identification of cysteinyl-leukotriene-receptor 1 antagonists as ligands for the bile acid receptor GPBAR1. Biochemical Pharmacology, 2020, 177, 113987.	4.4	5
139	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
140	Discovery of a Potent and Orally Active Dual GPBAR1/CysLT1R Modulator for the Treatment of Metabolic Fatty Liver Disease. Frontiers in Pharmacology, 2022, 13, 858137.	3.5	4
141	Introduction of Nonacidic Side Chains on 6-Ethylcholane Scaffolds in the Identification of Potent Bile Acid Receptor Agonists with Improved Pharmacokinetic Properties. Molecules, 2019, 24, 1043.	3.8	3
142	Inverse Virtual Screening for the rapid re-evaluation of the presumed biological safe profile of natural products. The case of steviol from Stevia rebaudiana glycosides on farnesoid X receptor (FXR). Bioorganic Chemistry, 2021, 111, 104897.	4.1	3
143	Structural Basis for Developing Multitarget Compounds Acting on Cysteinyl Leukotriene Receptor 1 and G-Protein-Coupled Bile Acid Receptor 1. Journal of Medicinal Chemistry, 2021, 64, 16512-16529.	6.4	3
144	Discovering New G-Quadruplex DNA Catalysts in Enantioselective Sulfoxidation Reaction. International Journal of Molecular Sciences, 2022, 23, 1092.	4.1	2