

# Bruno Botta

## List of Publications by Year in descending order

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183  
papers

4,633  
citations

101384

36  
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174990

52  
g-index

191  
all docs

191  
docs citations

191  
times ranked

5495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prenylated Flavonoids: Pharmacology and Biotechnology. <i>Current Medicinal Chemistry</i> , 2005, 12, 713-739.	1.2	266
2	Gli1/ <scp>DNA</scp> interaction is a druggable target for Hedgehog-dependent tumors. <i>EMBO Journal</i> , 2015, 34, 200-217.	3.5	147
3	Structural Basis of Enzymatic (S)-Norcoclaurine Biosynthesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 897-904.	1.6	106
4	Targeting GLI factors to inhibit the Hedgehog pathway. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 547-558.	4.0	100
5	Novel prenyltransferase enzymes as a tool for flavonoid prenylation. <i>Trends in Pharmacological Sciences</i> , 2005, 26, 606-608.	4.0	80
6	Aryltetralin Lignans: Chemistry, Pharmacology and Biotransformations. <i>Current Medicinal Chemistry</i> , 2001, 8, 1363-1381.	1.2	75
7	Two isoflavones and a flavone from the fruits of <i>Maclura pomifera</i> . <i>Phytochemistry</i> , 1994, 37, 893-898.	1.4	68
8	A promising natural product, pristimerin, results in cytotoxicity against breast cancer stem cells in vitro and xenografts in vivo through apoptosis and an incomplete autophagy in breast cancer. <i>Pharmacological Research</i> , 2018, 129, 500-514.	3.1	62
9	The Contribution of Oxazolidinone Frame to The Biological Activity of Pharmaceutical Drugs and Natural Products. <i>Mini-Reviews in Medicinal Chemistry</i> , 2007, 7, 389-409.	1.1	61
10	Oxazolidin-2-one Ring, a Popular Framework in Synthetic Organic Chemistry: Part 1. The Construction of the Oxazolidin-2-one Ring. <i>Current Organic Synthesis</i> , 2007, 4, 81-135.	0.7	58
11	Prenylated Isoflavonoids: Botanical Distribution, Structures, Biological Activities and Biotechnological Studies. An Update (1995 - 2006). <i>Current Medicinal Chemistry</i> , 2009, 16, 3414-3468.	1.2	58
12	The Pictet-Spengler Reaction Updates Its Habits. <i>Molecules</i> , 2020, 25, 414.	1.7	57
13	Comparison between metabolite productions in cell culture and in whole plant of <i>Maclura pomifera</i> . <i>Phytochemistry</i> , 1995, 39, 575-580.	1.4	56
14	3-Geranyloxy-6-methyl-1,8-dihydroxyanthraquinone and vismiones C, D and E from <i>Psorospermum febrifugum</i> . <i>Phytochemistry</i> , 1983, 22, 539-542.	1.4	55
15	An enzymatic, stereoselective synthesis of (S)-norcoclaurine. <i>Green Chemistry</i> , 2010, 12, 1623.	4.6	55
16	Enantioselective Guest Exchange in a Chiral Resorcin [4]arene Cavity. <i>Journal of the American Chemical Society</i> , 2002, 124, 7658-7659.	6.6	54
17	Inhibition of Adenosine 3', 5'-Cyclic Monophosphate Phosphodiesterase by Flavonoids from Licorice Roots and 4-Arylcoumarins. <i>Chemical and Pharmaceutical Bulletin</i> , 1991, 39, 930-933.	0.6	51
18	Glycated human hemoglobin (HbA1c): functional characteristics and molecular modeling studies. <i>Biophysical Chemistry</i> , 1998, 72, 323-335.	1.5	51

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19	Inhibition of Hedgehog-dependent tumors and cancer stem cells by a newly identified naturally occurring chemotype. <i>Cell Death and Disease</i> , 2016, 7, e2376-e2376.	2.7	49
20	Oxazolidin-2-one Ring, a Popular Framework in Synthetic Organic Chemistry Part 2 [1]. Applications and Modifications. <i>Current Organic Synthesis</i> , 2007, 4, 238-307.	0.7	48
21	A Novel Route to Calix[4]arenes. 2. Solution- and Solid-State Structural Analyses and Molecular Modeling Studies. <i>Journal of Organic Chemistry</i> , 1994, 59, 1532-1541.	1.7	47
22	Discovery of Mycobacterium tuberculosis Protein Tyrosine Phosphatase B (PtpB) Inhibitors from Natural Products. <i>PLoS ONE</i> , 2013, 8, e77081.	1.1	46
23	Vismione H and prenylated xanthenes from <i>vismia guineensis</i> . <i>Phytochemistry</i> , 1986, 25, 1217-1219.	1.4	45
24	Chemical, computational and functional insights into the chemical stability of the Hedgehog pathway inhibitor GANT61. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 349-358.	2.5	45
25	Antimicrobial isoflavanones from <i>Desmodium canum</i> . <i>Phytochemistry</i> , 1996, 41, 537-544.	1.4	44
26	Novel hypotensive agents from <i>Verbesina caracasana</i> . 2. Synthesis and pharmacology of caracasamide. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 2956-2963.	2.9	43
27	Chiral Recognition by Resorcin[4]arene Receptors: Intrinsic Kinetics and Dynamics. <i>Chemistry - A European Journal</i> , 2004, 10, 4126-4135.	1.7	43
28	The Therapeutic Aspects of the Endocannabinoid System (ECS) for Cancer and their Development: From Nature to Laboratory. <i>Current Pharmaceutical Design</i> , 2016, 22, 1756-1766.	0.9	43
29	Synthesis of C-Alkylcalix[4]arenes. 4. Design, Synthesis, and Computational Studies of Novel Chiral Amido[4]resorcinarenes. <i>Journal of Organic Chemistry</i> , 1997, 62, 932-938.	1.7	42
30	Identification of a novel chalcone derivative that inhibits Notch signaling in T-cell acute lymphoblastic leukemia. <i>Scientific Reports</i> , 2017, 7, 2213.	1.6	42
31	Naturally-Occurring Alkaloids of Plant Origin as Potential Antimicrobials against Antibiotic-Resistant Infections. <i>Molecules</i> , 2020, 25, 3619.	1.7	41
32	Inhibition of adenosine 3',5'-cyclic monophosphate phosphodiesterase by flavonoids. III.. <i>Chemical and Pharmaceutical Bulletin</i> , 1989, 37, 1392-1395.	0.6	40
33	Kuwanon as a New Allosteric HIV-1 Integrase Inhibitor: Molecular Modeling and Biological Evaluation. <i>ChemBioChem</i> , 2015, 16, 2507-2512.	1.3	39
34	A Smo/Gli Multitarget Hedgehog Pathway Inhibitor Impairs Tumor Growth. <i>Cancers</i> , 2019, 11, 1518.	1.7	39
35	Effects of alkaloid precursor feeding on a <i>Camptotheca acuminata</i> cell line. <i>Plant Physiology and Biochemistry</i> , 2002, 40, 749-753.	2.8	38
36	A multi-methodological approach in the study of Italian PDO "Cornetto di Pontecorvo" red sweet pepper. <i>Food Chemistry</i> , 2018, 255, 120-131.	4.2	38

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37	Cannabis sativa L. Inflorescences from Monoecious Cultivars Grown in Central Italy: An Untargeted Chemical Characterization from Early Flowering to Ripening. <i>Molecules</i> , 2020, 25, 1908.	1.7	38
38	Prenylated bianthrone and vismione F from <i>Psorospermum febrifugum</i> . <i>Phytochemistry</i> , 1985, 24, 827-830.	1.4	37
39	Norcoclaurine Synthase: Mechanism of an Enantioselective Pictet-Spengler Catalyzing Enzyme. <i>Molecules</i> , 2010, 15, 2070-2078.	1.7	37
40	Nigritanine as a New Potential Antimicrobial Alkaloid for the Treatment of <i>Staphylococcus aureus</i> -Induced Infections. <i>Toxins</i> , 2019, 11, 511.	1.5	37
41	Hedgehog signaling pathway inhibitors: an updated patent review (2015–present). <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 235-250.	2.4	37
42	Metabolites from in vitro cultures of <i>Cassia didymobotrya</i> . <i>Phytochemistry</i> , 1991, 30, 1849-1854.	1.4	36
43	Purification and partial characterization of a peroxidase from plant cell cultures of <i>Cassia didymobotrya</i> and biotransformation studies. <i>Biochemical Journal</i> , 1998, 331, 513-519.	1.7	36
44	The Revaluation of Plant-Derived Terpenes to Fight Antibiotic-Resistant Infections. <i>Antibiotics</i> , 2020, 9, 325.	1.5	35
45	4-Arylcoumarins from <i>Coutarea hexandra</i> . <i>Phytochemistry</i> , 1983, 22, 1657-1658.	1.4	34
46	The tetramerization of 2,4-dimethoxycinnamates. A novel route to calixarenes. <i>Journal of Organic Chemistry</i> , 1992, 57, 3259-3261.	1.7	34
47	Resorcarenes: Hollow Building Blocks for the Host-Guest Chemistry. <i>Current Organic Chemistry</i> , 2005, 9, 1167-1202.	0.9	34
48	Stable Oxidative Cytosine Modifications Accumulate in Cardiac Mesenchymal Cells From Type 2 Diabetes Patients. <i>Circulation Research</i> , 2018, 122, 31-46.	2.0	33
49	<sup>9</sup> <i>cis</i> -Tetrahydrocannabinol: Natural Occurrence, Chirality, and Pharmacology. <i>Journal of Natural Products</i> , 2021, 84, 2502-2510.	1.5	33
50	Flavonoids and isoflavonoids from <i>Zollernia paraensis</i> . <i>Phytochemistry</i> , 1983, 22, 1663-1664.	1.4	31
51	Chemical Investigation of the Genus <i>Rheedia</i> , IV. Three New Xanthenes from <i>Rheedia brasiliensis</i> . <i>Journal of Natural Products</i> , 1984, 47, 620-625.	1.5	30
52	Cavity Effects on the Enantioselectivity of Chiral Amido[4]resorcinarene Stereoisomers. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4767-4770.	7.2	30
53	New oxazolidinone derivatives as antibacterial agents with improved activity. <i>Expert Opinion on Therapeutic Patents</i> , 2008, 18, 97-121.	2.4	30
54	1H-NMR metabolomics reveals the Glabrescione B exacerbation of glycolytic metabolism beside the cell growth inhibitory effect in glioma. <i>Cell Communication and Signaling</i> , 2019, 17, 108.	2.7	30

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55	Gasâ€phase enantioselective reactions in noncovalent ionâ€molecule complexes. <i>Chirality</i> , 2009, 21, 69-86.	1.3	29
56	Chirality Effects on the IRMPD Spectra of Basket Resorcinarene/Nucleoside Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 8320-8328.	1.7	29
57	Naturally occurring Diels-Alder-type adducts from <i>Morus nigra</i> as potent inhibitors of <i>Mycobacterium tuberculosis</i> protein tyrosine phosphatase B. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 277-288.	2.6	29
58	Synergistic inhibition of the Hedgehog pathway by newly designed Smo and Gli antagonists bearing the isoflavone scaffold. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 554-562.	2.6	29
59	The Pictet-Spengler Reaction Still on Stage. <i>Current Pharmaceutical Design</i> , 2016, 22, 1808-1850.	0.9	28
60	Olefin metathesis reaction as a locking tool for macrocycle and mechanomolecule construction. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3022-3055.	2.3	28
61	Polymeric glabrescione B nanocapsules for passive targeting of Hedgehog-dependent tumor therapy <i>in vitro</i>. <i>Nanomedicine</i> , 2017, 12, 711-728.	1.7	27
62	Chalcone dimethylallyltransferase from <i>Morus nigra</i> cell cultures. Substrate specificity studies. <i>FEBS Letters</i> , 2004, 557, 33-38.	1.3	26
63	Flattened Cone 2,8,14,20-Tetrakis(L-valinamido)[4]resorcinarene: An Enantioselective Allosteric Receptor in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2717-2720.	7.2	26
64	Design, Palladium-Catalyzed Synthesis, and Biological Investigation of 2-Substituted 3-Aroylquinolin-4(1<i>H</i>)-ones as Inhibitors of the Hedgehog Signaling Pathway. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1469-1477.	2.9	26
65	Cytotoxic and Antitumor Activity of Vismiones Isolated from <i>Vismieae</i> . <i>Journal of Natural Products</i> , 1986, 49, 929-931.	1.5	25
66	Novel Hypotensive Agents from <i>Verbesina caracasana</i> . 8. Synthesis and Pharmacology of (3,4-Dimethoxycinnamoyl)-N-agmatine and Synthetic Analogues1. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2950-2958.	2.9	25
67	Purification andÂcharacterization ofÂanÂantifungal thaumatin-like protein from <i>CassiaÂdidymobotrya</i> cell culture. <i>Plant Physiology and Biochemistry</i> , 2006, 44, 604-610.	2.8	25
68	Rational Synthesis of Resorcarenes with Alternating Substituents at Their Bridging Methine Carbons. <i>Journal of Organic Chemistry</i> , 1998, 63, 9618-9619.	1.7	24
69	Three isoflavanones with cannabinoid-like moieties from <i>Desmodium canum</i> . <i>Phytochemistry</i> , 2003, 64, 599-602.	1.4	24
70	Triterpenoids andÂellagic acid derivatives from inÂvitro cultures ofÂ <i>CamptothecaÂacuminata</i> Decaisne. <i>Plant Physiology and Biochemistry</i> , 2006, 44, 220-225.	2.8	24
71	Novel coumarin- and quinolinone-based polycycles as cell division cycle 25-A and -C phosphatases inhibitors induce proliferation arrest and apoptosis in cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 316-333.	2.6	24
72	Improved identification of phytocannabinoids using a dedicated structure-based workflow. <i>Talanta</i> , 2020, 219, 121310.	2.9	24

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73	Further hypotensive metabolites from <i>verbescina caracasana</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 3249-3254.	1.0	23
74	Nitrosonium Complexes of Resorc[4]arenes: Spectral, Kinetic, and Theoretical Studies. <i>Journal of the American Chemical Society</i> , 2007, 129, 11202-11212.	6.6	23
75	Chalcones and Chalcone-mimetic Derivatives as Notch Inhibitors in a Model of T-cell Acute Lymphoblastic Leukemia. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 639-643.	1.3	23
76	Novel Hypotensive Agents from <i>Verbescina caracasana</i> . 6. Synthesis and Pharmacology of Caracasandiamide. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 3116-3125.	2.9	22
77	IR ion spectroscopy in a combined approach with MS/MS and IM-MS to discriminate epimeric anthocyanin glycosides (cyanidin 3-O-glucoside and -galactoside). <i>International Journal of Mass Spectrometry</i> , 2019, 444, 116179.	0.7	22
78	Glabrescione B delivery by self-assembling micelles efficiently inhibits tumor growth in preclinical models of Hedgehog-dependent medulloblastoma. <i>Cancer Letters</i> , 2021, 499, 220-231.	3.2	22
79	Studies in Cell Suspension Cultures of <i>Cassia didymobotrya</i> . Part VI. The Biotransformation of Chalcones to Aurones and Auronols. <i>Heterocycles</i> , 1996, 43, 1415.	0.4	21
80	Gas-Phase Enantioselectivity of Chiral Amido[4]resorcinarene Receptors. <i>Chemistry - A European Journal</i> , 2006, 12, 8096-8105.	1.7	21
81	A Novel Enzymatic Strategy for the Synthesis of Substituted Tetrahydroisoquinolines. <i>ChemistrySelect</i> , 2016, 1, 1525-1528.	0.7	21
82	One Hundred Faces of Cyclophosphamide. <i>Current Pharmaceutical Design</i> , 2016, 22, 1658-1681.	0.9	21
83	Three new xanthenes and macluraxanthone from <i>Rheedia benthamiana</i> Pl. Triana (guttiferae). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1981, , 484-488.	0.9	20
84	Synthesis and preliminary pharmacological evaluation of analogues of caracasamide, a hypotensive natural product. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 653-658.	1.0	20
85	Synthesis of C-Alkylcalix[4]arenes. 5. Design, Synthesis, Computational Studies, and Homodimerization of Polymethylene-Bridged Resorc[4]arenes. <i>Journal of Organic Chemistry</i> , 1997, 62, 1788-1794.	1.7	20
86	Bis(diamido)-Bridged Basket Resorc[4]arenes as Enantioselective Receptors for Amino Acids and Amines. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5995-6002.	1.2	20
87	The plant-derived triterpenoid tingenin B is a potent anticancer agent due to its cytotoxic activity on cancer stem cells of breast cancer <i>in vitro</i> . <i>Chemico-Biological Interactions</i> , 2016, 260, 248-255.	1.7	20
88	A unique high-diversity natural product collection as a reservoir of new therapeutic leads. <i>Organic Chemistry Frontiers</i> , 2021, 8, 996-1025.	2.3	20
89	<i>Mycobacterium tuberculosis</i> -Secreted Tyrosine Phosphatases as Targets Against Tuberculosis: Exploring Natural Sources in Searching for New Drugs. <i>Current Pharmaceutical Design</i> , 2016, 22, 1561-1569.	0.9	20
90	N-Linked Peptidoresorc[4]arene-Based Receptors as Noncompetitive Inhibitors for $\beta$ -Chymotrypsin. <i>Journal of Organic Chemistry</i> , 2011, 76, 4396-4407.	1.7	19

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91	Click Reaction as a Tool to Combine Pharmacophores: The Case of Vismodegib. <i>ChemPlusChem</i> , 2015, 80, 938-943.	1.3	19
92	Occurrence of Enantioselectivity in Nature: The Case of (S)-Norcoclaurine. <i>Chirality</i> , 2016, 28, 169-180.	1.3	19
93	Total Synthesis of (±)-Kuwanol E. <i>Journal of Natural Products</i> , 2016, 79, 2495-2503.	1.5	18
94	Prenylated anthranoids from <i>Psorospermum</i> species. <i>Phytochemistry</i> , 1985, 24, 1855-1856.	1.4	17
95	The Interaction of Resorcin[4]arenes with Fe(III) in Chloroform. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 841-847.	1.2	17
96	Xanthones from calli of <i>Hypericum perforatum</i> subsp. <i>perforatum</i> . <i>Natural Product Research</i> , 2005, 19, 171-176.	1.0	17
97	Exploring Oxidovanadium(IV) Complexes as YopH Inhibitors: Mechanism of Action and Modeling Studies. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1035-1040.	1.3	17
98	Nuclear Factor of Activated T Cells-dependent Down-regulation of the Transcription Factor Glioma-associated Protein 1 (GLI1) Underlies the Growth Inhibitory Properties of Arachidonic Acid. <i>Journal of Biological Chemistry</i> , 2016, 291, 1933-1947.	1.6	17
99	Styrenes from <i>Dorstenia barnimiana</i> . <i>Phytochemistry</i> , 1988, 27, 1227-1228.	1.4	16
100	Synthesis and Interaction with Copper(II) Cations of Cyano- and Aminoresorcin[4]arenes. <i>Journal of Organic Chemistry</i> , 2002, 67, 1178-1183.	1.7	16
101	ent-Beyerane Diterpenes as a Key Platform for the Development of ArnT-Mediated Colistin Resistance Inhibitors. <i>Journal of Organic Chemistry</i> , 2020, 85, 10891-10901.	1.7	16
102	Synthesis of 4-arylcoumarins from <i>Coutarea hexandra</i> . <i>Phytochemistry</i> , 1985, 24, 1355-1357.	1.4	15
103	Acetylvismione D from <i>Psorospermum febrifugum</i> . <i>Phytochemistry</i> , 1986, 25, 766.	1.4	15
104	Caracasandiamide, a truxinic hypotensive agent from <i>Verbesina caracasana</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 233-238.	1.0	15
105	A Biphenyl, a Dihydrophenanthrene and a Xanthone from <i>Clusia paralycola</i> . <i>Heterocycles</i> , 2002, 56, 589.	0.4	15
106	Yeast as a tool to select inhibitors of the cullin deneddylating enzyme Csn5. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1632-1637.	2.5	15
107	A novel colistin adjuvant identified by virtual screening for ArnT inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2564-2572.	1.3	15
108	A Multimethodological Characterization of <i>Cannabis sativa</i> L. Inflorescences from Seven Dioecious Cultivars Grown in Italy: The Effect of Different Harvesting Stages. <i>Molecules</i> , 2021, 26, 2912.	1.7	15

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109	A novel type of prenylated anthranoid from. <i>Tetrahedron Letters</i> , 1987, 28, 567-570.	0.7	14
110	Non-oxidative dimerization of 3,4-dioxygenated cinnamates to aryltetralin lignans.. <i>Chemical and Pharmaceutical Bulletin</i> , 1990, 38, 3238-3241.	0.6	14
111	Peroxidase-like activity of <i>Thermobifida fusca</i> hemoglobin: The oxidation of dibenzylbutanolide. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 61, 303-308.	1.8	14
112	New Promising Compounds with in Vitro Nanomolar Activity against <i>Trypanosoma cruzi</i> . <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 538-541.	1.3	14
113	Natural modulators of nonalcoholic fatty liver disease: Mode of action analysis and in silico ADME-Tox prediction. <i>Toxicology and Applied Pharmacology</i> , 2017, 337, 45-66.	1.3	14
114	Anti- <i>Candida albicans</i> biofilm activity of extracts from two selected indigenous Algerian plants: <i>Clematis flammula</i> and <i>Fraxinus angustifolia</i> . <i>Journal of Herbal Medicine</i> , 2020, 20, 100319.	1.0	14
115	Structural Elucidation and Antimicrobial Characterization of Novel Diterpenoids from <i>Fabiana densa</i> var. <i>ramulosa</i> . <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 760-765.	1.3	14
116	Design and Synthesis of Piperazine-Based Compounds Conjugated to Humanized Ferritin as Delivery System of siRNA in Cancer Cells. <i>Bioconjugate Chemistry</i> , 2021, 32, 1105-1116.	1.8	14
117	Neuro-Signals from Gut Microbiota: Perspectives for Brain Glioma. <i>Cancers</i> , 2021, 13, 2810.	1.7	14
118	The Anthracyclinic Complex Retamycin, 1. Structure Determination of the Major Constituents. <i>Journal of Natural Products</i> , 1989, 52, 385-388.	1.5	13
119	4-arylcoumarins from <i>Coutarea hexandra</i> . <i>Phytochemistry</i> , 1990, 29, 3984-3986.	1.4	13
120	Caracasamide, a novel hypotensive agent from <i>Verbesina caracasana</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 415-418.	1.0	13
121	Abietane Diterpenoids from Callus Cultures of <i>Taxus baccata</i> . <i>Planta Medica</i> , 2002, 68, 764-766.	0.7	13
122	Lipase-catalyzed regioselective acylation of resorcin[4]arenes. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002, 16, 241-247.	1.8	13
123	Synthesis and Host-Guest Studies of Chiral N-Linked Peptidoresorcin[4]arenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 9283-9290.	1.7	13
124	Interactions of vinca alkaloid subunits with chiral amido[4]resorcinarenes: a dynamic, kinetic, and spectroscopic study. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1798.	1.5	13
125	Dual SMO/BRAF Inhibition by Flavonolignans from <i>Silybum marianum</i> . <i>Antioxidants</i> , 2020, 9, 384.	2.2	13
126	Psorolactones and other metabolites from. <i>Tetrahedron</i> , 1988, 44, 7193-7198.	1.0	12



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127	Accumulation of vismione A in regenerated plants of <i>Vismia guianensis</i> DC. <i>Protoplasma</i> , 1995, 189, 9-16.	1.0	12
128	Antioxidant Properties of Aminoethylcysteine Ketimine Decarboxylated Dimer: A Review. <i>International Journal of Molecular Sciences</i> , 2011, 12, 3072-3084.	1.8	12
129	Green Routes for the Production of Enantiopure Benzylisoquinoline Alkaloids. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2464.	1.8	12
130	Identification of Effective Anticancer G-Quadruplex-Targeting Chemotypes through the Exploration of a High Diversity Library of Natural Compounds. <i>Pharmaceutics</i> , 2021, 13, 1611.	2.0	12
131	Modelling Amphetamine/Receptor Interactions: A Gas-Phase Study of Complexes Formed between Amphetamine and Some Chiral Amido[4]resorcinarenes. <i>Chemistry - A European Journal</i> , 2008, 14, 3585-3595.	1.7	11
132	Gas-Phase Enantioselectivity of Chiral <i>N</i> -Linked Peptidoresorc[4]arene Isomers toward Dipeptides. <i>Journal of Physical Chemistry A</i> , 2009, 113, 14625-14629.	1.1	11
133	Synthesis, biological evaluation and molecular modeling studies on novel quinonoid inhibitors of CDC25 phosphatases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 113-118.	2.5	11
134	P300/CBP-associated factor regulates transcription and function of isocitrate dehydrogenase 2 during muscle differentiation. <i>FASEB Journal</i> , 2019, 33, 4107-4123.	0.2	11
135	Site-Directed Antibody Immobilization by Resorc[4]arene-Based Immunosensors. <i>Chemistry - A European Journal</i> , 2020, 26, 8400-8406.	1.7	11
136	Rational design and synthesis of a novel BODIPY-based probe for selective imaging of tau tangles in human iPSC-derived cortical neurons. <i>Scientific Reports</i> , 2022, 12, 5257.	1.6	11
137	Synthesis of C-Alkyl Calix[4]arenes. 3. Acid-Catalyzed Rearrangement of 2,6-Dimethoxycinnamate Prior to Tetramerization to Calix[4]arenes. <i>Journal of Organic Chemistry</i> , 1995, 60, 3657-3662.	1.7	10
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