

Bruno Botta

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

180
papers

3,661
citations

32
h-index

46
g-index

191
ext. papers

4,178
ext. citations

4.7
avg, IF

4.87
L-index

#	Paper	IF	Citations
180	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	4.9	0
179	Identification of Effective Anticancer G-Quadruplex-Targeting Chemotypes through the Exploration of a High Diversity Library of Natural Compounds. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
178	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	6.3	2
177	A Multimethodological Characterization of L. Inflorescences from Seven Dioecious Cultivars Grown in Italy: The Effect of Different Harvesting Stages. <i>Molecules</i> , 2021 , 26,	4.8	5
176	Design and Synthesis of New Withaferin A Inspired Hedgehog Pathway Inhibitors. <i>Chemistry - A European Journal</i> , 2021 , 27, 8350-8357	4.8	2
175	Neuro-Signals from Gut Microbiota: Perspectives for Brain Glioma. <i>Cancers</i> , 2021 , 13,	6.6	4
174	Δ-Tetrahydrocannabinol: Natural Occurrence, Chirality, and Pharmacology. <i>Journal of Natural Products</i> , 2021 , 84, 2502-2510	4.9	8
173	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	9.9	10
172	A unique high-diversity natural product collection as a reservoir of new therapeutic leads. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 996-1025	5.2	6
171	Esc peptides as novel potentiators of defective cystic fibrosis transmembrane conductance regulator: an unprecedented property of antimicrobial peptides.. <i>Cellular and Molecular Life Sciences</i> , 2021 , 79, 1	10.3	2
170	A novel colistin adjuvant identified by virtual screening for ArnT inhibitors. <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 2564-2572	5.1	11
169	Alvaxanthone, a Thymidylate Synthase Inhibitor with Nematocidal and Tumoricidal Activities. <i>Molecules</i> , 2020 , 25,	4.8	1
168	The Revaluation of Plant-Derived Terpenes to Fight Antibiotic-Resistant Infections. <i>Antibiotics</i> , 2020 , 9,	4.9	18
167	Improved identification of phytocannabinoids using a dedicated structure-based workflow. <i>Talanta</i> , 2020 , 219, 121310	6.2	16
166	Hedgehog signaling pathway inhibitors: an updated patent review (2015-present). <i>Expert Opinion on Therapeutic Patents</i> , 2020 , 30, 235-250	6.8	21
165	Structural Elucidation and Antimicrobial Characterization of Novel Diterpenoids from var.. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 760-765	4.3	10
164	Site-Directed Antibody Immobilization by Resorc[4]arene-Based Immunosensors. <i>Chemistry - A European Journal</i> , 2020 , 26, 8400-8406	4.8	4

163	L. Inflorescences from Monoecious Cultivars Grown in Central Italy: An Untargeted Chemical Characterization from Early Flowering to Ripening. <i>Molecules</i> , 2020 , 25,	4.8	21
162	Dual SMO/BRAF Inhibition by Flavonolignans from. <i>Antioxidants</i> , 2020 , 9,	7.1	7
161	The Pictet-Spengler Reaction Updates Its Habits. <i>Molecules</i> , 2020 , 25,	4.8	29
160	Statins interfere with the attachment of mtDNA to the inner mitochondrial membrane. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 129-137	5.6	2
159	Anti-Candida albicans biofilm activity of extracts from two selected indigenous Algerian plants: Clematis flammula and Fraxinus angustifolia. <i>Journal of Herbal Medicine</i> , 2020 , 20, 100319	2.3	5
158	Potent human dihydroorotate dehydrogenase inhibitory activity of new quinoline-4-carboxylic acids derived from phenolic aldehydes: Synthesis, cytotoxicity, lipophilicity and molecular docking studies. <i>Bioorganic Chemistry</i> , 2020 , 105, 104373	5.1	3
157	-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	4.2	7
156	Naturally-Occurring Alkaloids of Plant Origin as Potential Antimicrobials against Antibiotic-Resistant Infections. <i>Molecules</i> , 2020 , 25,	4.8	16
155	Sempervirine inhibits RNA polymerase I transcription independently from p53 in tumor cells. <i>Cell Death Discovery</i> , 2020 , 6, 111	6.9	5
154	H-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	7.5	20
153	Nigritanine as a New Potential Antimicrobial Alkaloid for the Treatment of -Induced Infections. <i>Toxins</i> , 2019 , 11,	4.9	23
152	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	1.9	16
151	Novel 1,3,4-thiadiazole conjugates derived from protocatechuic acid: Synthesis, antioxidant activity, and computational and electrochemical studies. <i>Comptes Rendus Chimie</i> , 2019 , 22, 585-598	2.7	5
150	A Smo/Gli Multitarget Hedgehog Pathway Inhibitor Impairs Tumor Growth. <i>Cancers</i> , 2019 , 11,	6.6	24
149	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	4.3	15
148	P300/CBP-associated factor regulates transcription and function of isocitrate dehydrogenase 2 during muscle differentiation. <i>FASEB Journal</i> , 2019 , 33, 4107-4123	0.9	10
147	A multi-methodological approach in the study of Italian PDO "Cornetto di Pontecorvo" red sweet pepper. <i>Food Chemistry</i> , 2018 , 255, 120-131	8.5	28
146	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	5.6	31

145	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	6.8	21
144	Olefin metathesis reaction as a locking tool for macrocycle and mechanomolecule construction. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 3022-3055	5.2	19
143	Oregonin from <i>Alnus incana</i> bark affects DNA methyltransferases expression and mitochondrial DNA copies in mouse embryonic fibroblasts. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018 , 33, 1055-1063	5.6	6
142	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	6.8	17
141	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	10.2	48
140	Stable Oxidative Cytosine Modifications Accumulate in Cardiac Mesenchymal Cells From Type 2 Diabetes Patients: Rescue by β -Ketoglutarate and TET-TDG Functional Reactivation. <i>Circulation Research</i> , 2018 , 122, 31-46	15.7	23
139	Design, Palladium-Catalyzed Synthesis, and Biological Investigation of 2-Substituted 3-Aroylquinolin-4(1H)-ones as Inhibitors of the Hedgehog Signaling Pathway. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 1469-1477	8.3	23
138	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	6.8	13
137	Front Cover: First Detection of a Ruthenium Carbene Resorcin[4]arene Complex During the Progress of a Metathesis Reaction (Eur. J. Org. Chem. 17/2017). <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2385-2385	3.2	
136	Identification of a novel chalcone derivative that inhibits Notch signaling in T-cell acute lymphoblastic leukemia. <i>Scientific Reports</i> , 2017 , 7, 2213	4.9	34
135	Polymeric glabrescione B nanocapsules for passive targeting of Hedgehog-dependent tumor therapy in vitro. <i>Nanomedicine</i> , 2017 , 12, 711-728	5.6	18
134	First Detection of a Ruthenium Carbene Resorcin[4]arene Complex During the Progress of a Metathesis Reaction. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2407-2415	3.2	4
133	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	4.6	11
132	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	5.6	8
131	Green Routes for the Production of Enantiopure Benzylisoquinoline Alkaloids. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	9
130	Resorcin[4]arenes as Preorganized Synthons for Surface Recognition and Host-Guest Chemistry 2016 , 175-193		3
129	Occurrence of Enantioselectivity in Nature: The Case of (S)-Norcoclaurine. <i>Chirality</i> , 2016 , 28, 169-80	2.1	17
128	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	5.4	13

127	Covalently assembled resorcin[4]arenes and molecular tweezers: a chiral recognition rationale by NMR. <i>Supramolecular Chemistry</i> , 2016 , 28, 647-655	1.8	6
126	Molecular Recognition of Natural Products by Resorc[4]arene Receptors. <i>Current Pharmaceutical Design</i> , 2016 , 22, 1715-29	3.3	3
125	One Hundred Faces of Cyclopamine. <i>Current Pharmaceutical Design</i> , 2016 , 22, 1658-81	3.3	17
124	Mycobacterium tuberculosis-Secreted Tyrosine Phosphatases as Targets Against Tuberculosis: Exploring Natural Sources in Searching for New Drugs. <i>Current Pharmaceutical Design</i> , 2016 , 22, 1561-9	3.3	14
123	The Therapeutic Aspects of the Endocannabinoid System (ECS) for Cancer and their Development: From Nature to Laboratory. <i>Current Pharmaceutical Design</i> , 2016 , 22, 1756-66	3.3	29
122	The Pictet-Spengler Reaction Still on Stage. <i>Current Pharmaceutical Design</i> , 2016 , 22, 1808-50	3.3	23
121	Yeast as a tool to select inhibitors of the cullin deneddylating enzyme Csn5. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 1632-7	5.6	11
120	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	9.8	45
119	A Novel Enzymatic Strategy for the Synthesis of Substituted Tetrahydroisoquinolines. <i>ChemistrySelect</i> , 2016 , 1, 1525-1528	1.8	18
118	The plant-derived triterpenoid tingenin B is a potent anticancer agent due to its cytotoxic activity on cancer stem cells of breast cancer in vitro. <i>Chemico-Biological Interactions</i> , 2016 , 260, 248-255	5	16
117	Total Synthesis of (±)-Kuwanol E. <i>Journal of Natural Products</i> , 2016 , 79, 2495-2503	4.9	11
116	Targeting GLI factors to inhibit the Hedgehog pathway. <i>Trends in Pharmacological Sciences</i> , 2015 , 36, 547-58	13.2	76
115	Exploring Oxidovanadium(IV) Complexes as YopH Inhibitors: Mechanism of Action and Modeling Studies. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 1035-40	4.3	13
114	Hydrolytic inhibition of β -chymotrypsin by 2,8,14,20-tetrakis(D-leucyl-D-valinamido)resorc[4]arene-carboxylic acid: a spectroscopic NMR and computational combined approach. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 916-24	3.9	2
113	Kuwanon-L as a New Allosteric HIV-1 Integrase Inhibitor: Molecular Modeling and Biological Evaluation. <i>ChemBioChem</i> , 2015 , 16, 2507-12	3.8	25
112	Click Reaction as a Tool to Combine Pharmacophores: The Case of Vismodegib. <i>ChemPlusChem</i> , 2015 , 80, 938-943	2.8	18
111	Gli1/DNA interaction is a druggable target for Hedgehog-dependent tumors. <i>EMBO Journal</i> , 2015 , 34, 200-17	13	118
110	Synthesis of a double-spanned resorc[4]arene via ring-closing metathesis and calculation of aggregation propensity. <i>Journal of Organic Chemistry</i> , 2014 , 79, 11051-60	4.2	6

109	Reaction of nitrosonium cation with resorc[4]arenes activated by supramolecular control: covalent bond formation. <i>Journal of Organic Chemistry</i> , 2013 , 78, 6935-46	4.2	7
108	Ultraviolet and infrared spectroscopy of neutral and ionic non-covalent diastereomeric complexes in the gas phase. <i>Rendiconti Lincei</i> , 2013 , 24, 259-267	1.7	5
107	Undecenyl resorc[4]arene in the chair conformation as preorganized synthon for olefin metathesis. <i>RSC Advances</i> , 2013 , 3, 17567	3.7	8
106	New Promising Compounds with in Vitro Nanomolar Activity against <i>Trypanosoma cruzi</i> . <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 538-41	4.3	13
105	NMR Characterization of Carboxymethyl Scleroglucan. <i>International Journal of Polymer Analysis and Characterization</i> , 2013 , 18, 587-595	1.7	3
104	Stereochemical preference of 2Rdeoxycytidine for chiral bis(diamido)-bridged basket resorcin[4]arenes. <i>Chirality</i> , 2013 , 25, 840-51	2.1	5
103	Discovery of Mycobacterium tuberculosis protein tyrosine phosphatase B (PtpB) inhibitors from natural products. <i>PLoS ONE</i> , 2013 , 8, e77081	3.7	37
102	Production of Bioactives Compounds: The Importance of Pictet-Spengler Reaction in the XXI Century 2012 , 453-487		3
101	Chirality effects on the IRMPD spectra of basket resorcinarene/nucleoside complexes. <i>Chemistry - A European Journal</i> , 2012 , 18, 8320-8	4.8	27
100	Unprecedented gas-phase chiroselective logic gates. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1717-9,9		8
99	N-linked peptidoresorc[4]arene-based receptors as noncompetitive inhibitors for β -chymotrypsin. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4396-407	4.2	17
98	Antioxidant properties of aminoethylcysteine ketimine decarboxylated dimer: a review. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 3072-84	6.3	10
97	An enzymatic, stereoselective synthesis of (S)-norcoclaurine. <i>Green Chemistry</i> , 2010 , 12, 1623	10	50
96	Effects of air pollution on production of essential oil in Feijoa Sellowiana Berg. grown in the Italian Triangle of Death. <i>International Journal of Environment and Health</i> , 2010 , 4, 250	1.3	6
95	Norcoclaurine synthase: mechanism of an enantioselective pictet-spengler catalyzing enzyme. <i>Molecules</i> , 2010 , 15, 2070-8	4.8	35
94	Diastereoselective gas-phase ion/molecule reactions of ethanolamine neurotransmitter/amido[4]resorcinarene adducts. <i>International Journal of Mass Spectrometry</i> , 2010 , 291, 84-89	1.9	5
93	Gas-phase enantioselectivity of chiral N-linked peptidoresorc[4]arene isomers toward dipeptides. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 14625-9	2.8	11
92	Prenylated isoflavonoids: Botanical distribution, structures, biological activities and biotechnological studies. An update (1995-2006). <i>Current Medicinal Chemistry</i> , 2009 , 16, 3414-68	4.3	49

91	Structural basis of enzymatic (S)-norcoclaurine biosynthesis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 897-904	5.4	93
90	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		9
89	Gas-phase enantioselective reactions in noncovalent ion-molecule complexes. <i>Chirality</i> , 2009 , 21, 69-86	2.1	26
88	Interactions of vinca alkaloid subunits with chiral amido[4]resorcinarenes: a dynamic, kinetic, and spectroscopic study. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 1798-806	3.9	12
87	New oxazolidinone derivatives as antibacterial agents with improved activity. <i>Expert Opinion on Therapeutic Patents</i> , 2008 , 18, 97-121	6.8	27
86	Synthesis of Amino and Ammonium Resorcin[4]arenes as Potential Receptors. <i>Synthesis</i> , 2008 , 2008, 2110-2116	2.9	5
85	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, 3585-95	4.8	11
84	Nitrosonium complexes of resorc[4]arenes: spectral, kinetic, and theoretical studies. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11202-12	16.4	23
83	Bis(diamido)-Bridged Basket Resorcin[4]arenes as Enantioselective Receptors for Amino Acids and Amines. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 5995-6002	3.2	18
82	Gaseous- versus solution-phase recognition of some aromatic amino esters by 2,8,14,20-tetrakis(L-valinamido)[4]resorcinarene. <i>International Journal of Mass Spectrometry</i> , 2007 , 267, 24-29	1.9	6
81	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	3.2	50
80	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	1.9	44
79	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	1.9	54
78	Synthesis and host-guest studies of chiral N-linked peptidoresorc[4]arenes. <i>Journal of Organic Chemistry</i> , 2007 , 72, 9283-90	4.2	13
77	Gas-phase enantioselectivity of chiral amido[4]resorcinarene receptors. <i>Chemistry - A European Journal</i> , 2006 , 12, 8096-105	4.8	21
76	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, 2717-20	16.4	26
75	Cover Picture: Flattened Cone 2,8,14,20-Tetrakis(L-valinamido)[4]resorcinarene: An Enantioselective Allosteric Receptor in the Gas Phase (Angew. Chem. Int. Ed. 17/2006). <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2641-2641	16.4	
74	Cyanoresorc[5]arenes: Isolation, Conformation and Crystal Structure. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3652-3660	3.2	7

73	Uncommon 5-Methoxyisoflavans from <i>Desmodium canum</i> . <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 5445-5448	3.2	7
72	Flattened Cone 2,8,14,20-Tetrakis(L-valinamido)[4]resorcinarene: An Enantioselective Allosteric Receptor in the Gas Phase. <i>Angewandte Chemie</i> , 2006 , 118, 2783-2786	3.6	5
71	Triterpenoids and ellagic acid derivatives from in vitro cultures of <i>Camptotheca acuminata</i> Decaisne. <i>Plant Physiology and Biochemistry</i> , 2006 , 44, 220-5	5.4	22
70	Purification and characterization of an antifungal thaumatin-like protein from <i>Cassia didymobotrya</i> cell culture. <i>Plant Physiology and Biochemistry</i> , 2006 , 44, 604-10	5.4	20
69	Xanthones from calli of <i>Hypericum perforatum</i> subsp. <i>perforatum</i> . <i>Natural Product Research</i> , 2005 , 19, 171-6	2.3	14
68	Novel prenyltransferase enzymes as a tool for flavonoid prenylation. <i>Trends in Pharmacological Sciences</i> , 2005 , 26, 606-8	13.2	71
67	Resorcarenes: Hollow Building Blocks for the Host-Guest Chemistry. <i>Current Organic Chemistry</i> , 2005 , 9, 1167-1202	1.7	26
66	Prenylated flavonoids: pharmacology and biotechnology. <i>Current Medicinal Chemistry</i> , 2005 , 12, 717-39	4.3	227
65	Cavity effects on the enantioselectivity of chiral amido[4]resorcinarene stereoisomers. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4767-70	16.4	30
64	Cavity Effects on the Enantioselectivity of Chiral Amido[4]resorcinarene Stereoisomers. <i>Angewandte Chemie</i> , 2004 , 116, 4871-4874	3.6	7
63	Chiral recognition by resorcin[4]arene receptors: intrinsic kinetics and dynamics. <i>Chemistry - A European Journal</i> , 2004 , 10, 4126-35	4.8	41
62	Chalcone dimethylallyltransferase from <i>Morus nigra</i> cell cultures. Substrate specificity studies. <i>FEBS Letters</i> , 2004 , 557, 33-8	3.8	22
61	Novel hypotensive agents from <i>Verbesina caracasana</i> : structure, synthesis and pharmacology. <i>Current Medicinal Chemistry</i> , 2003 , 10, 1845-62	4.3	8
60	Three isoflavanones with cannabinoid-like moieties from <i>Desmodium canum</i> . <i>Phytochemistry</i> , 2003 , 64, 599-602	4	17
59	Synthesis and molecular modelling studies of resorcin[4]arene-capped porphyrins. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 3131-7	3.9	9
58	Lipase-catalyzed regioselective acylation of resorcin[4]arenes. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002 , 16, 241-247		13
57	Effects of alkaloid precursor feeding on a <i>Camptotheca acuminata</i> cell line. <i>Plant Physiology and Biochemistry</i> , 2002 , 40, 749-753	5.4	31
56	Abietane diterpenoids from callus cultures of <i>Taxus baccata</i> . <i>Planta Medica</i> , 2002 , 68, 764-6	3.1	9

55	A Biphenyl, a Dihydrophenanthrene and a Xanthone from <i>Clusia paralycola</i> . <i>Heterocycles</i> , 2002 , 56, 589	0.8	10
54	Enantioselective guest exchange in a chiral resorcin[4]arene cavity. <i>Journal of the American Chemical Society</i> , 2002 , 124, 7658-9	16.4	50
53	Synthesis and interaction with copper(II) cations of cyano- and aminoresorcin[4]arenes. <i>Journal of Organic Chemistry</i> , 2002 , 67, 1178-83	4.2	14
52	Synthesis and biosynthesis of isocordoin. <i>Planta Medica</i> , 2001 , 67, 475-7	3.1	7
51	Aryltetralin lignans: chemistry, pharmacology and biotransformations. <i>Current Medicinal Chemistry</i> , 2001 , 8, 1363-81	4.3	64
50	Novel hypotensive agents from <i>Verbesina caracasana</i> . 8. Synthesis and pharmacology of (3,4-dimethoxycinnamoyl)-N(1)-agmatine and synthetic analogues. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 2950-8	8.3	25
49	The Interaction of Resorcin[4]arenes with FeIII in Chloroform. <i>European Journal of Organic Chemistry</i> , 2000 , 2000, 841-847	3.2	14
48	Further hypotensive metabolites from <i>Verbesina caracasana</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999 , 9, 3249-54	2.9	21
47	Novel hypotensive agents from <i>Verbesina caracasana</i> . 6. Synthesis and pharmacology of caracasandiamide. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 3116-25	8.3	16
46	Glycated human hemoglobin (HbA1c): functional characteristics and molecular modeling studies. <i>Biophysical Chemistry</i> , 1998 , 72, 323-35	3.5	46
45	Rational Synthesis of Resorcarenes with Alternating Substituents at Their Bridging Methine Carbons. <i>Journal of Organic Chemistry</i> , 1998 , 63, 9618-9619	4.2	22
44	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 (Pt 2), 513-9	3.8	28
43	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	4.2	39
42	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	4.2	19
41	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	0.8	19
40	Synthesis and preliminary pharmacological evaluation of analogues of caracasamide, a hypotensive natural product. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996 , 6, 653-658	2.9	18
39	Caracasandiamide, a truxinic hypotensive agent from <i>Verbesina caracasana</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996 , 6, 233-238	2.9	12
38	Antimicrobial isoflavanones from <i>Desmodium canum</i> . <i>Phytochemistry</i> , 1996 , 41, 537-44	4	34

37	Studies with Plant Cell Cultures of <i>Cassia didymobotrya</i> . VII. Enzyme Catalyzed Biotransformation of Dibenzylbutanolides to Podophyllotoxin Analogues and Related Compounds. <i>Heterocycles</i> , 1996 , 43, 2443	0.8	3
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