

Carlo De Micheli

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Anticonvulsant Activity of Novel and Potent 6,7-Methylenedioxyphthalazin-1(2H)-ones. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 2851-2859.	6.4	193
2	Drug Discovery Targeting Amino Acid Racemases. <i>Chemical Reviews</i> , 2011, 111, 6919-6946.	47.7	97
3	Chemoenzymatic synthesis of chiral isoxazole derivatives. <i>Journal of Organic Chemistry</i> , 1989, 54, 2646-2650.	3.2	81
4	synthesis of new α^2 -isoxazoline derivatives and their pharmacological characterization as α^2 -adrenergic receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 1998, 6, 401-408.	3.0	81
5	Nitrile oxides in medicinal chemistry-2. synthesis of the two enantiomers of dihydromuscimol. <i>Tetrahedron</i> , 1990, 46, 1975-1986.	1.9	79
6	Inhibition of Rhodesain as a Novel Therapeutic Modality for Human African Trypanosomiasis. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5637-5658.	6.4	77
7	A regioselective route to 5-substituted pyrazole- and pyrazoline-3-phosphonic acids and esters. <i>Tetrahedron</i> , 2007, 63, 5554-5560.	1.9	68
8	Investigating the Mechanism of Substrate Uptake and Release in the Glutamate Transporter Homologue Glt_{Ph} through Metadynamics Simulations. <i>Journal of the American Chemical Society</i> , 2012, 134, 453-463.	13.7	66
9	1-Aryl-6,7-methylenedioxy-3 H -quinazolin-4-ones as anticonvulsant agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 4427-4430.	2.2	59
10	1,3-Dipolar Cycloreversions. <i>Angewandte Chemie International Edition in English</i> , 1979, 18, 721-738.	4.4	57
11	Chemoenzymic synthesis of the eight stereoisomeric muscarines. <i>Journal of Organic Chemistry</i> , 1991, 56, 67-72.	3.2	56
12	Synthesis and Anticonvulsant Activity of Novel and Potent 2,3-Benzodiazepine AMPA/Kainate Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4414-4421.	6.4	48
13	Discovery of Covalent Inhibitors of Glyceraldehyde-3-phosphate Dehydrogenase, A Target for the Treatment of Malaria. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7465-7471.	6.4	47
14	Synthesis and functional characterization of novel derivatives related to oxotremorine and oxotremorine-M. <i>Bioorganic and Medicinal Chemistry</i> , 1999, 7, 1539-1547.	3.0	43
15	Synthesis, Binding Affinity at Glutamic Acid Receptors, Neuroprotective Effects, and Molecular Modeling Investigation of Novel Dihydroisoxazole Amino Acids. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 6315-6325.	6.4	43
16	Synthesis and Enantiopharmacology of New AMPA-Kainate Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4099-4107.	6.4	42
17	2-isoxazoline derivativesâ€™VIII. <i>Tetrahedron</i> , 1974, 30, 3765-3773.	1.9	40
18	Nitrile oxides in medicinal chemistry. 4. Chemoenzymic synthesis of chiral heterocyclic derivatives. <i>Journal of Organic Chemistry</i> , 1992, 57, 2825-2829.	3.2	37

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19	Development of Rhodesain Inhibitors with a 3-bromoisoxazoline Warhead. <i>ChemMedChem</i> , 2013, 8, 2070-2076.	3.2	37
20	Face selectivity of the nitrile oxide cycloaddition to unsaturated sugars. <i>Journal of Organic Chemistry</i> , 1989, 54, 793-798.	3.2	36
21	Neuroprotective Effects of the Novel Glutamate Transporter Inhibitor (S)-3-Hydroxy-4,5,6,6-tetrahydro-3H-pyrrolo[3,4-d]-isoxazole-4-carboxylic Acid, Which Preferentially Inhibits Reverse Transport (Glutamate Release) Compared with Glutamate Reuptake. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 646-656.	2.5	36
22	Alpha7 nicotinic acetylcholine receptor agonists: Prediction of their binding affinity through a molecular mechanics Poisson-Boltzmann surface area approach. <i>Journal of Computational Chemistry</i> , 2008, 29, 2593-2602.	3.3	35
23	Conversion of isoxazolines to 1 ² -hydroxy esters. Synthesis of 2-deoxy-D-ribose. <i>Tetrahedron Letters</i> , 1986, 27, 4647-4650.	1.4	34
24	Synthesis and in vitro/in vivo Evaluation of the Antitrypanosomal Activity of 3-bromoacivicin, a Potent CTP Synthetase Inhibitor. <i>ChemMedChem</i> , 2011, 6, 329-333.	3.2	33
25	Structural basis of subunit selectivity for competitive NMDA receptor antagonists with preference for GluN2A over GluN2B subunits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6942-E6951.	7.1	33
26	Design, Synthesis, and Pharmacological Characterization of Novel Spirocyclic Quinuclidinylisoxazoline Derivatives as Potent and Selective Agonists of $\alpha 7$ Nicotinic Acetylcholine Receptors. <i>ChemMedChem</i> , 2011, 6, 889-903.	3.2	32
27	Engineering of α -conotoxin MII-derived peptides with increased selectivity for native $\alpha 2 \beta 2$ nicotinic acetylcholine receptors. <i>FASEB Journal</i> , 2011, 25, 3775-3789.	0.5	32
28	Synthesis and Pharmacological Characterization at Glutamate Receptors of the Four Enantiopure Isomers of Tricholomic Acid. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2311-2315.	6.4	30
29	Design and synthesis of novel isoxazole-based HDAC inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4331-4338.	5.5	30
30	Synthesis and Biological Evaluation of Papain Family Cathepsin-Like Cysteine Protease Inhibitors Containing a 1,4-benzodiazepine Scaffold as Antiprotozoal Agents. <i>ChemMedChem</i> , 2014, 9, 1817-1825.	3.2	30
31	Synthesis and Biological Evaluation of CTP Synthetase Inhibitors as Potential Agents for the Treatment of African Trypanosomiasis. <i>ChemMedChem</i> , 2012, 7, 1623-1634.	3.2	29
32	synthesis and Structure-Activity Relationships of 2,3-Benzodiazepines as AMPA Receptor Antagonists. <i>Mini-Reviews in Medicinal Chemistry</i> , 2001, 1, 243-253.	2.4	28
33	Development of novel dipeptide-like rhodesain inhibitors containing the 3-bromoisoxazoline warhead in a constrained conformation. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7053-7060.	3.0	28
34	Site selectivity in the reactions of 1,3-dipoles with norbornadiene derivatives. <i>Tetrahedron</i> , 1981, 37, 1349-1357.	1.9	26
35	Synthesis of new bicyclic analogues of glutamic acid. <i>Tetrahedron</i> , 1999, 55, 5623-5634.	1.9	26
36	Synthesis and Anticonvulsant Activity of Novel Bicyclic Acidic Amino Acids. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3102-3108.	6.4	26

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37	Synthesis and pharmacological evaluation of novel conformationally constrained homologues of glutamic acid. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 1059-1068.	5.5	26
38	Cycloaddition of nitrile oxides to [60]fullerene. <i>Chemical Communications</i> , 1997, , 59-60.	4.1	25
39	Inspired by Nature: The 3- <i>Halo</i> -4,5-dihydroisoxazole Moiety as a Novel Molecular Warhead for the Design of Covalent Inhibitors. <i>ChemMedChem</i> , 2016, 11, 10-14.	3.2	25
40	Synthesis and anticonvulsant activity of novel and potent 1-aryl-7,8-methylenedioxy-1,2,3,5-tetrahydro-4H-2,3-benzodiazepin-4-ones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 463-466.	2.2	24
41	Mechanism of falcipain-2 inhibition by $\hat{1}\pm, \hat{1}^2$ -unsaturated benzo[1,4]diazepin-2-one methyl ester. <i>Journal of Computer-Aided Molecular Design</i> , 2012, 26, 1035-1043.	2.9	24
42	Chemoenzymatic synthesis of the enantiomers of iopanoic acid. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 1021-1030.	1.8	23
43	New 7,8-ethylenedioxy-2,3-benzodiazepines as noncompetitive AMPA receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 167-170.	2.2	23
44	Synthesis and pharmacological investigation of the enantiomers of muscarone and allo-muscarone. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 1915-1920.	6.4	22
45	Nitrile oxides in medicinal chemistry. 5. Lipase PS-catalyzed resolution of a set of heterocyclic derivatives.. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1063-1072.	1.8	22
46	New analogues of oxotremorine and oxotremorine-M. <i>Life Sciences</i> , 2000, 67, 717-723.	4.3	22
47	Enantiopure stereoisomeric homologues of glutamic acid: chemoenzymatic synthesis and assignment of their absolute configurations. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3079-3090.	1.8	22
48	Design, Synthesis, and Pharmacological Characterization of Novel, Potent NMDA Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 6740-6748.	6.4	22
49	Novel chiral isoxazole derivatives: Synthesis and pharmacological characterization at human $\hat{1}^2$ -adrenergic receptor subtypes. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 2533-2543.	3.0	22
50	Synthesis of enantiomerically pure HIP-A and HIP-B and investigation of their activity as inhibitors of excitatory amino acid transporters. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 867-875.	1.8	22
51	Novel 3- <i>Carboxy</i> - and 3- <i>Phosphonopyrazoline</i> Amino Acids as Potent and Selective NMDA Receptor Antagonists: Design, Synthesis, and Pharmacological Characterization. <i>ChemMedChem</i> , 2010, 5, 1465-1475.	3.2	22
52	Synthesis and pharmacological investigation of cholinergic ligands structurally related to muscarone. <i>European Journal of Medicinal Chemistry</i> , 1989, 24, 171-177.	5.5	21
53	A novel simplified synthesis of acivicin. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 508-511.	1.8	20
54	Syn-anti selectivity in cycloadditions. 6. Cycloadditions of benzonitrile oxide, 2-diazopropane, and diphenylnitrilimine to polychloronorbornadienes. <i>Journal of Organic Chemistry</i> , 1980, 45, 1209-1213.	3.2	19

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55	Synthesis of 3-Hydroxy- and 3-Carboxy- $\hat{1}^2$ -isoxazoline Amino Acids and Evaluation of Their Interaction with GABA Receptors and Transporters. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 5533-5542.	2.4	19
56	Metal-hydride reduction of isoxazoline-3-carboxylate esters. <i>Tetrahedron</i> , 1986, 42, 5267-5272.	1.9	18
57	Synthesis and pharmacological characterization at glutamate receptors of erythro- and threo-tricholomic acid and homologues thereof. <i>Tetrahedron</i> , 2007, 63, 2249-2256.	1.9	18
58	Selectivity of 3-bromo-isoxazoline inhibitors between human and <i>Plasmodium falciparum</i> glyceraldehyde-3-phosphate dehydrogenases. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2654-2659.	3.0	18
59	Characterization of the mechanism of anticonvulsant activity for a selected set of putative AMPA receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 443-446.	2.2	17
60	Synthesis of new $\hat{1}^2$ - and $\hat{1}^3$ -benzyloxy-S-glutamic acid derivatives and evaluation of their activity as inhibitors of excitatory amino acid transporters. <i>Tetrahedron</i> , 2009, 65, 6083-6089.	1.9	17
61	Chemoenzymatic synthesis of the enantiomers of desoxymuscarine. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 657-665.	1.8	16
62	Development of Radiolabeled Ligands Targeting the Glutamate Binding Site of the <i>N</i> -Methyl-D-aspartate Receptor as Potential Imaging Agents for Brain. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 11110-11119.	6.4	16
63	syn-Selectivity in the reaction of 1,3-dipoles with cis-cyclobut-3-ene-1,2-diol. <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 246.	2.0	15
64	Synthesis and Pharmacological Characterization of Enantiomerically Pure Muscarinic Agonists: $\hat{1}^2$ -Difluoromuscarnines. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 1099-1103.	6.4	15
65	Synthesis of enantiopure $\hat{1}^2$ -isoxazoline derivatives and evaluation of their affinity and efficacy profiles at human $\hat{1}^2$ -adrenergic receptor subtypes. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4393-4401.	3.0	15
66	Synthesis of new isoxazoline-based acidic amino acids and investigation of their affinity and selectivity profile at ionotropic glutamate receptors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 787-793.	5.5	15
67	An Efficient Synthesis of Isoxazoles and Isoxazolines. <i>Heterocycles</i> , 1985, 23, 2479.	0.7	14
68	An easy synthesis of dihydromuscimol. <i>Tetrahedron Letters</i> , 1986, 27, 4651-4652.	1.4	14
69	Stereoselectivities of mesitonitrile oxide cycloadditions to 7-substituted norbornadienes. <i>Tetrahedron Letters</i> , 1989, 30, 807-810.	1.4	14
70	Novel Potent AMPA/Kainate Receptor Antagonists: $\hat{1}^2$ -Synthesis and Anticonvulsant Activity of a Series of 2-[(4-Alkylsemicarbazono)-(4-amino-phenyl)methyl]-4,5-methylenedioxyphenylacetic Acid Alkyl Esters. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 4433-4442.	6.4	14
71	Synthesis of Epibatidine-Related $\hat{1}^2$ -Isoxazoline Derivatives and Evaluation of Their Binding Affinity at Neuronal Nicotinic Acetylcholine Receptors. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3746-3754.	2.4	14
72	Synthesis of Conformationally Constrained Glutamic Acid Homologues and Investigation of Their Pharmacological Profiles. <i>ChemMedChem</i> , 2007, 2, 1639-1647.	3.2	14

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73	Bicyclic β -amino acids as inhibitors of β -aminobutyrate aminotransferase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 295-301.	5.2	14
74	- selectivity in cycloadditions. Part II. Reaction of cyclic nitrones with 3,4-disubstituted cyclobutenes. <i>Tetrahedron Letters</i> , 1975, 16, 2493-2496.	1.4	13
75	Synthesis of novel chiral β -isoxazoline derivatives related to ABT-418 and estimation of their affinity at neuronal nicotinic acetylcholine receptor subtypes. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5594-5601.	5.5	13
76	NMR characterization and conformational analysis of a potent papain-family cathepsin L-like cysteine protease inhibitor with different behaviour in polar and apolar media. <i>Journal of Molecular Structure</i> , 2014, 1076, 337-343.	3.6	13
77	2-Isoxazoline derivatives. Part V. Regio- and stereo-selectivity in the cycloaddition of benzonitrile oxide to some cycloalkene and 2-isoxazoline derivatives. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1972, , 1711.	0.9	12
78	Synthesis and pharmacological investigation of stereoisomeric muscarines. <i>Chirality</i> , 1992, 4, 230-239.	2.6	12
79	A SIMPLE AND EFFICIENT SYNTHESIS OF GYKI 52466 AND GYKI 52895. <i>Synthetic Communications</i> , 2002, 32, 527-533.	2.1	12
80	A highly efficient flow reactor process for the synthesis of N-Boc-3,4-dehydro-l-proline methyl ester. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 222-225.	1.8	12
81	New spirocyclic β -isoxazoline derivatives related to selective agonists of $\alpha 7$ neuronal nicotinic acetylcholine receptors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5790-5799.	5.5	12
82	Mechanism of Inhibition of the Glutamate Transporter EAAC1 by the Conformationally Constrained Glutamate Analogue (+)-HIP-B. <i>Biochemistry</i> , 2012, 51, 5486-5495.	2.5	12
83	3-Carboxy-pyrazolinalanine as a new scaffold for developing potent and selective NMDA receptor antagonists. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 33-37.	5.5	12
84	Characterization of 2,4-Diamino-6-oxo-1,6-dihydropyrimidin-5-yl Ureido Based Inhibitors of <i>Trypanosoma brucei</i> FOLD and Testing for Antiparasitic Activity. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7938-7948.	6.4	12
85	Nitrile oxides in medicinal chemistry. 6. Enzymatic resolution of a set of bicyclic β -isoxazolines. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 787-796.	1.8	11
86	Synthesis and Pharmacology of a New AMPA α -Kainate Receptor Agonist with Potent Convulsant Activity. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 3759-3762.	6.4	11
87	Design of novel conformationally restricted analogues of glutamic acid. <i>Tetrahedron</i> , 2003, 59, 1443-1452.	1.9	11
88	A Regioselective Route to 5-Substituted Isoxazole- and Isoxazoline-3-phosphonates. <i>Synthesis</i> , 2009, 2009, 591-596.	2.3	11
89	Synthesis and binding affinity at $\alpha 4\beta 2$ and $\alpha 7$ nicotinic acetylcholine receptors of new analogs of epibatidine and epiboxidine containing the 7-azabicyclo[2.2.1]hept-2-ene ring system. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 829-832.	2.2	11
90	Selective Agonists and Antagonists for Kainate Receptors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2002, 2, 177-184.	2.4	10

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91	Design of 1-substituted 2-arylmethyl-4,5-methylenedioxybenzene derivatives as antiseizure agents. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3703-3709.	3.0	10
92	Chemoenzymatic synthesis of acetyl (R)-(+)- and (S)-(âˆ)—cycloserine. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 1073-1080.	1.8	9
93	Chiral separation of muscarinic antagonists by capillary zone electrophoresis with cyclodextrin additives. <i>Journal of Chromatography A</i> , 1996, 741, 287-294.	3.7	9
94	Synthesis and pharmacology of 3-hydroxy-Î²-isoxazoline-cyclopentane analogues of glutamic acid. <i>Il Farmaco</i> , 2002, 57, 889-895.	0.9	9
95	Synthesis and in vitro pharmacology of novel heterocyclic muscarinic ligands. <i>Il Farmaco</i> , 2003, 58, 739-748.	0.9	9
96	Development of a Three-Dimensional Model for the N-Methyl-D-aspartate NR2A Subunit. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5489-5494.	6.4	9
97	Synthesis of Novel Pyrrolo[3,4-d]pyrazole-6-carboxylic Acids and Evaluation of Their Interaction with Glutamate Receptors. <i>Chemistry and Biodiversity</i> , 2008, 5, 657-663.	2.1	9
98	Synthesis and binding affinity of new muscarinic ligands structurally related to oxotremorine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 1033-1036.	2.2	8
99	A chemoenzymatic approach to the synthesis of the stereoisomers of a Î²-adrenergic receptor antagonist. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 2741-2751.	1.8	8
100	Novel oxotremorine-related heterocyclic derivatives: Synthesis and in vitro pharmacology at the muscarinic receptor subtypes. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7626-7637.	3.0	8
101	Effects of 3-Bromo-4,5-dihydroisoxazole Derivatives on Nrf2 Activation and Heme Oxygenase-1 Expression. <i>ChemistryOpen</i> , 2018, 7, 858-864.	1.9	8
102	A novel spirocyclic tropanyl-Î²-isoxazoline derivative enhances citalopram and paroxetine binding to serotonin transporters as well as serotonin uptake. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6344-6355.	3.0	7
103	Synthesis of unusual isoxazoline containing Î² and Î³-dipeptides as potential glutamate receptor ligands. <i>MedChemComm</i> , 2015, 6, 1260-1266.	3.4	7
104	Folates in <i>Trypanosoma brucei</i> : Achievements and Opportunities. <i>ChemMedChem</i> , 2018, 13, 2150-2158.	3.2	7
105	Conformational studies of muscarone analogs: x-ray analysis and molecular mechanics calculations. <i>Journal of Medicinal Chemistry</i> , 1992, 35, 305-309.	6.4	6
106	Design of Cyclopentaisoxazoline Amino Acids as Conformationally Constrained Agonists at Glutamate Receptors. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4455-4461.	2.4	6
107	Nitrile oxides in medicinal chemistry. 3. Synthesis and bioenantioselectivity of (+)- and (-)-2-methyl-5-[(dimethylamino)-methyl]-3-oxo-isoxazolidine methiodide. <i>Il Farmaco</i> , 1990, 45, 859-66.	0.9	6
108	Synthesis and pharmacological investigation of new chiral muscarinic antagonists. <i>Il Farmaco</i> , 1995, 50, 21-7.	0.9	6

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109	Identification and full characterization of a new metabolite of metoclopramide. <i>European Journal of Medicinal Chemistry</i> , 1995, 30, 757-762.	5.5	5
110	Synthesis and pharmacological characterization of new chiral derivatives of muscarine and allo-muscarine. <i>Il Farmaco</i> , 2000, 55, 535-543.	0.9	5
111	The enantiomers of epiboxidine and of two related analogs: Synthesis and estimation of their binding affinity at $\alpha 4 \beta 2$ and $\alpha 7$ neuronal nicotinic acetylcholine receptors. <i>Chirality</i> , 2012, 24, 543-551.	2.6	5
112	Investigation on the chemoenzymatic synthesis of threo- and erythro- β -hydroxy-l-glutamic acid derivatives. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 75, 27-34.	1.8	5
113	Synthesis and muscarinic activity of the chiral forms of methylenemuscarones. <i>Il Farmaco</i> , 1993, 48, 1349-57.	0.9	5
114	Synthesis and pharmacological investigation of the 3-analogs of viminol. <i>European Journal of Medicinal Chemistry</i> , 1988, 23, 511-515.	5.5	4
115	β 3-Adrenergic receptor ligands: insight into structure-activity relationships using Monte-Carlo conformational analysis in water. <i>Tetrahedron</i> , 2001, 57, 1849-1855.	1.9	4
116	Efficient synthesis of novel glutamate homologues and investigation of their affinity and selectivity profile at ionotropic glutamate receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1980-1982.	2.2	4
117	Synthesis of (3-hydroxy-pyrazolin-5-yl)glycine based ligands interacting with ionotropic glutamate receptors. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 151-158.	5.5	4
118	Synthesis and pharmacological evaluation of conformationally constrained glutamic acid higher homologues. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5741-5747.	3.0	4
119	Design of new analogues of glutamic acid with a conformationally restricted structure. <i>Il Farmaco</i> , 2000, 55, 162-164.	0.9	3
120	Regioselective Preparation of Functionalized Isoxazoline Derivatives as Key Intermediates for the Synthesis of Selective N-Methyl-d-aspartate Receptor Antagonists. <i>Synthesis</i> , 2011, 2011, 1255-1260.	2.3	3
121	β -Glutamyl-dipeptides: Easy tools to rapidly probe the stereoelectronic properties of the ionotropic glutamate receptor binding pocket. <i>Tetrahedron</i> , 2016, 72, 8486-8492.	1.9	3
122	Synthesis of Tricholomic Acid Analogues and Pharmacological Characterization at Ionotropic Glutamate Receptors. <i>ChemistrySelect</i> , 2017, 2, 10295-10299.	1.5	3
123	Synthesis of novel epibatidine-related derivatives through 1,3-dipolar cycloaddition of pyridinenitrile oxides. <i>Arkivoc</i> , 2006, 2006, 17-23.	0.5	3
124	Pharmacological profile of enantiomerically pure chiral muscarinic agonists. <i>Life Sciences</i> , 2000, 67, 317-326.	4.3	2
125	Synthesis and Pharmacological Evaluation of $\alpha 4 \beta 2$ Nicotinic Ligands with a 3-Fluoropyrrolidine Nucleus. <i>ChemMedChem</i> , 2015, 10, 1071-1078.	3.2	2
126	Synthesis of 5-substituted 7,9-dihydro-8H-[1,3]dioxolo[4,5-h][2,3]benzodiazepin-8-ones as anticonvulsant agents. <i>Arkivoc</i> , 2004, 2004, 196-203.	0.5	2

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127	Stereoselective Synthesis of 4-Amino-3-hydroxy-4,5,6,6a-tetrahydro-3aH-cyclopenta[d]isoxazole-4-carboxylic Acid, a Conformationally Constrained Analogue of Aspartic Acid. <i>Synthesis</i> , 2007, 2007, 2145-2148.	2.3	1
128	Efficient synthesis of kainic acid analogues. <i>Arkivoc</i> , 2013, 2013, 377-387.	0.5	1
129	Synthesis and pharmacological investigation of chiral stereoisomeric difluoromuscarienes. <i>Life Sciences</i> , 1995, 56, 1012.	4.3	0
130	Synthesis and Pharmacology of 3-Hydroxy- β -2-isoxazolinecyclopentane Analogues of Glutamic Acid.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
131	Synthesis and in vitro Pharmacology of Novel Heterocyclic Muscarinic Ligands.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
132	1-Aryl-6,7-methylenedioxy-3H-quinazolin-4-ones as Anticonvulsant Agents.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
133	Design of 1-substituted 2-arylmethyl-4,5-methylenedioxybenzene derivatives as antiseizure agents. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3703-3703.	3.0	0