

# JosÃ© Marco-Contelles

## List of Publications by Year in descending order

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216  
papers

8,593  
citations

43973

48  
h-index

56606

83  
g-index

235  
all docs

235  
docs citations

235  
times ranked

7328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in the FriedlÄnder Reaction. <i>Chemical Reviews</i> , 2009, 109, 2652-2671.	23.0	572
2	Recent advances in the multitargetÄ directed ligands approach for the treatment of Alzheimer's disease. <i>Medicinal Research Reviews</i> , 2013, 33, 139-189.	5.0	394
3	Recent Developments in the Metal-Catalyzed Reactions of Metallocarbenoids from Propargylic Esters. <i>Chemistry - A European Journal</i> , 2007, 13, 1350-1357.	1.7	253
4	Synthesis and Pharmacology of Galantamine. <i>Chemical Reviews</i> , 2006, 106, 116-133.	23.0	240
5	Naturally Occurring Cyclohexane Epoxides:Ä Sources, Biological Activities, and Synthesis. <i>Chemical Reviews</i> , 2004, 104, 2857-2900.	23.0	238
6	The Effect of a Hydroxy Protecting Group on the PtCl <sub>2</sub> -Catalyzed Cyclization of DiynesÄ A Novel, Efficient, and Selective Synthesis of Carbocycles Acknowledgement is made to the EU for the COST D12 Action Ä Cascade Free Radical ReactionsÄ and for a short-term scientific mission to Madrid (EM). We thank Nieves Arroyo (CSIC) for preliminary experiments, Dr. J. Vaissermann (UPMC) for the X-ray analysis of 3Ä, Dr. M. L. Jimeno (CNOO) for NMR studies on 3Ä, Dr. M.-N. Rager (ENSCP) for NMR studies	7.2	206
7	Synthesis, Biological Evaluation, and Molecular Modeling of Donepezil and <i>N</i> -(5-(Benzyloxy)-1-methyl-1 <i>H</i> -indol-2-yl)methyl- <i>N</i> -methylprop-2-yn-1-amine Hybrids as New Multipotent Cholinesterase/Monoamine Oxidase Inhibitors for the Treatment of AlzheimerÄs Disease. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8251-8270.	2.9	198
8	Mechanistic Insights on the Cycloisomerization of Polyunsaturated Precursors Catalyzed by Platinum and Gold Complexes. <i>Accounts of Chemical Research</i> , 2009, 42, 1026-1036.	7.6	194
9	Mechanisms of the Transition Metal-Mediated Hydroarylation of Alkynes and Allenes. <i>Organometallics</i> , 2006, 25, 4542-4553.	1.1	148
10	Tacripyrines, the First TacrineÄ Dihydropyridine Hybrids, as Multitarget-Directed Ligands for the Treatment of AlzheimerÄs Disease. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 2724-2732.	2.9	134
11	Novel tacrine-related drugs as potential candidates for the treatment of AlzheimerÄs disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1916-1922.	1.0	134
12	DonepezilÄ propargylamineÄ 8-hydroxyquinoline hybrids as new multifunctional metal-chelators, ChE and MAO inhibitors for the potential treatment of AlzheimerÄs disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 543-561.	2.6	128
13	Multitarget compounds bearing tacrine- and donepezil-like structural and functional motifs for the potential treatment of AlzheimerÄs disease. <i>Progress in Neurobiology</i> , 2017, 151, 4-34.	2.8	128
14	AlzheimerÄs Disease, the Ä One-Molecule, One-TargetÄ Paradigm, and the Multitarget Directed Ligand Approach. <i>ACS Chemical Neuroscience</i> , 2018, 9, 401-403.	1.7	122
15	Synthesis of Enantiomerically Pure, Highly Functionalized, Medium-Sized Carbocycles from Carbohydrates:Ä Formal Total Synthesis of (+)-Calystegine B2. <i>Journal of Organic Chemistry</i> , 2002, 67, 3705-3717.	1.7	117
16	Multi-Target Directed Donepezil-Like Ligands for Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2016, 10, 205.	1.4	111
17	Design, synthesis, pharmacological evaluation, QSAR analysis, molecular modeling and ADMET of novel donepezilÄ indolyl hybrids as multipotent cholinesterase/monoamine oxidase inhibitors for the potential treatment of AlzheimerÄs disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 82-95.	2.6	109
18	PtCl <sub>2</sub> -Catalyzed Cycloisomerizations of Allenynes. <i>Journal of the American Chemical Society</i> , 2004, 126, 3408-3409.	6.6	108

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19	$\beta$ -Lactam Synthesis by the Kinugasa Reaction. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2198-2200.	7.2	107
20	Novel Multipotent Tacrine-Dihydropyridine Hybrids with Improved Acetylcholinesterase Inhibitory and Neuroprotective Activities as Potential Drugs for the Treatment of Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7607-7610.	2.9	107
21	Carbocycles from carbohydrates via free radical cyclizations: new synthetic approaches to glycomimetics. <i>Chemical Society Reviews</i> , 1998, 27, 155.	18.7	91
22	Theoretical Analysis of the High Versatility in PtCl <sub>2</sub> -Mediated Cycloisomerization of Enynes on a Common Mechanistic Basis. <i>Journal of Organic Chemistry</i> , 2005, 70, 9345-9353.	1.7	83
23	The Antioxidant Additive Approach for Alzheimer's Disease Therapy: New Ferulic (Lipoic) Acid Plus Melatonin Modified Tacrines as Cholinesterases Inhibitors, Direct Antioxidants, and Nuclear Factor (Erythroid-Derived 2)-Like 2 Activators. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9967-9973.	2.9	83
24	Multitarget-Directed Ligands Combining Cholinesterase and Monoamine Oxidase Inhibition with Histamine H <sub>3</sub> R Antagonism for Neurodegenerative Diseases. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12765-12769.	7.2	83
25	Donepezil-like multifunctional agents: Design, synthesis, molecular modeling and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 864-879.	2.6	80
26	Synthesis and biological evaluation of 3,6-diamino-1H-pyrazolo[3,4-b]pyridine derivatives as protein kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4566-4569.	1.0	79
27	New tacrine-dihydropyridine hybrids that inhibit acetylcholinesterase, calcium entry, and exhibit neuroprotection properties. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7759-7769.	1.4	75
28	Theoretical Investigation on the Mechanisms of the PtCl <sub>2</sub> -Mediated Cycloisomerization of Polyfunctionalized 1,6-Enynes. 2. Propargylic Carboxylates. <i>Organometallics</i> , 2005, 24, 3182-3191.	1.1	73
29	<a href="#">The Effect of a Hydroxy Protecting Group on the PtCl<sub>2</sub>-Catalyzed Cyclization of Dienynes</a> A Novel Efficient, and Selective Synthesis of Carbocycles Acknowledgement is made to the EU for the COST D12 Action "Cascade Free Radical Reactions" and for a short-term scientific mission to Madrid (EM). We thank Nieves Arroyo (CSIC) for preliminary experiments, Dr. J. Vaissermann (UPMC) for the X-ray analysis of <a href="#">3</a> , Dr. M. L. Jimeno (CNOO) for NMR studies on <a href="#">3</a> , Dr. M.-N. Rager (ENSCP) for NMR studies on <a href="#">3</a> , and <i>Angewandte Chemie</i> , 2002, 114, 2236.	1.6	71
30	Synthesis, Inhibitory Activity of Cholinesterases, and Neuroprotective Profile of Novel 1,8-Naphthyridine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5129-5143.	2.9	69
31	A Theoretical Investigation on the Mechanism of the PtCl <sub>2</sub> -Mediated Cycloisomerization of Heteroatom-Tethered 1,6-Enynes. <i>Journal of Organic Chemistry</i> , 2004, 69, 8018-8023.	1.7	67
32	Synthesis, biological assessment, and molecular modeling of racemic 7-aryl-9,10,11,12-tetrahydro-7H-benzo[7,8]chromeno[2,3-b]quinolin-8-amines as potential drugs for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 750-763.	2.6	66
33	PtCl <sub>2</sub> -mediated cycloisomerization of unsaturated propargylic carboxylates. <i>Tetrahedron</i> , 2005, 61, 4793-4803.	1.0	65
34	6-Exo free radical cyclization of acyclic carbohydrate intermediates: a new synthetic route to enantiomerically pure polyhydroxylated cyclohexane derivatives. <i>Journal of Organic Chemistry</i> , 1992, 57, 2625-2631.	1.7	64
35	Multipotent MAO and cholinesterase inhibitors for the treatment of Alzheimer's disease: Synthesis, pharmacological analysis and molecular modeling of heterocyclic substituted alkyl and cycloalkyl propargyl amine. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 251-262.	2.6	62
36	Novel Tacrine-Grafted Ugi Adducts as Multipotent Anti-Alzheimer Drugs: A Synthetic Renewal in Tacrine-Ferulic Acid Hybrids. <i>ChemMedChem</i> , 2015, 10, 523-539.	1.6	62

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37	Synthesis, biological assessment and molecular modeling of new multipotent MAO and cholinesterase inhibitors as potential drugs for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4665-4668.	2.6	60
38	±-Aryl-alkyl Nitrones, as Potential Agents for Stroke Treatment: Synthesis, Theoretical Calculations, Antioxidant, Anti-inflammatory, Neuroprotective, and Brain Blood Barrier Permeability Properties. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 153-168.	2.9	59
39	Theoretical Investigation on the Mechanisms of the PtCl <sub>2</sub> -Mediated Cycloisomerization of Polyfunctionalized 1,6-Enynes. 1. Role of the Propargylic Substituents. <i>Organometallics</i> , 2005, 24, 3172-3181.	1.1	58
40	ASS234, As a New Multi-Target Directed Propargylamine for Alzheimer's Disease Therapy. <i>Frontiers in Neuroscience</i> , 2016, 10, 294.	1.4	58
41	Donepezil-ferulic acid hybrids as anti-Alzheimer drugs. <i>Future Medicinal Chemistry</i> , 2015, 7, 15-21.	1.1	57
42	N-Methyl-N-((1-methyl-5-(3-(1-(2-methylbenzyl)piperidin-4-yl)propoxy)-1H-indol-2-yl)methyl)prop-2-yn-1-amine, a New Cholinesterase and Monoamine Oxidase Dual Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10455-10463.	2.9	56
43	Synthesis, acetylcholinesterase inhibition and neuroprotective activity of new tacrine analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 1167-1175.	1.4	55
44	PtCl <sub>2</sub> - and PtCl <sub>4</sub> -Catalyzed Cycloisomerization of Polyunsaturated Precursors. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4618-4633.	1.2	54
45	Pyridonepezils, new dual AChE inhibitors as potential drugs for the treatment of Alzheimer's disease: Synthesis, biological assessment, and molecular modeling. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 296-301.	2.6	53
46	Synthesis and pharmacological assessment of diversely substituted pyrazolo[3,4-b]quinoline, and benzo[b]pyrazolo[4,3-g][1,8]naphthyridine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4676-4681.	2.6	52
47	Mechanism of the Gold-Catalyzed Rearrangement of (3-Acyloxyprop-1-ynyl)oxiranes: A Dual Role of the Catalyst. <i>Journal of Organic Chemistry</i> , 2009, 74, 2982-2991.	1.7	50
48	Synthesis, Pharmacological Assessment, and Molecular Modeling of Acetylcholinesterase/Butyrylcholinesterase Inhibitors: Effect against Amyloid- $\beta$ -Induced Neurotoxicity. <i>ACS Chemical Neuroscience</i> , 2013, 4, 547-565.	1.7	49
49	Multipotent drugs with cholinergic and neuroprotective properties for the treatment of Alzheimer and neuronal vascular diseases. I. Synthesis, biological assessment, and molecular modeling of simple and readily available 2-aminopyridine-, and 2-chloropyridine-3,5-dicarbonitriles. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5861-5872.	1.4	48
50	Kinetic and structural analysis of the irreversible inhibition of human monoamine oxidases by ASS234, a multi-target compound designed for use in Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1104-1110.	1.1	48
51	Synthesis and biological assessment of diversely substituted furo[2,3-b]quinolin-4-amine and pyrrolo[2,3-b]quinolin-4-amine derivatives, as novel tacrine analogues. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 6119-6130.	2.6	46
52	Synthesis, biological assessment and molecular modeling of new dihydroquinoline-3-carboxamides and dihydroquinoline-3-carbohydrazide derivatives as cholinesterase inhibitors, and Ca channel antagonists. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1-10.	2.6	46
53	Multipotent, Permeable Drug ASS234 Inhibits $\beta$ -Aggregation, Possesses Antioxidant Properties and Protects from $\beta$ -induced Apoptosis In Vitro. <i>Current Alzheimer Research</i> , 2013, 10, 797-808.	0.7	45
54	Cholinergic and neuroprotective drugs for the treatment of Alzheimer and neuronal vascular diseases. II. Synthesis, biological assessment, and molecular modelling of new tacrine analogues from highly substituted 2-aminopyridine-3-carbonitriles. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 122-133.	1.4	44

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55	Silver-catalyzed Cyclization of <i>N</i> -(Prop-2-yn-1-yl)pyridin-2-amines. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 35-39.	1.2	44
56	Toxicological and pharmacological evaluation, antioxidant, ADMET and molecular modeling of selected racemic chromenotacrine {11-amino-12-aryl-8,9,10,12-tetrahydro-7H-chromeno[2,3-b]quinolin-3-ols} for the potential prevention and treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2014, 74, 491-501.	2.6	44
57	Avarol derivatives as competitive AChE inhibitors, non hepatotoxic and neuroprotective agents for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 326-338.	2.6	43
58	Synthesis and biological evaluation of new 4H-pyrano[2,3-b]quinoline derivatives that block acetylcholinesterase and cell calcium signals, and cause neuroprotection against calcium overload and free radicals. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 1464-1469.	2.6	42
59	Potent anticholinesterasic and neuroprotective pyranotacrine as inhibitors of beta-amyloid aggregation, oxidative stress and tau-phosphorylation for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2016, 118, 178-192.	2.6	42
60	Contilisant, a Tetra-target Small Molecule for Alzheimer's Disease Therapy Combining Cholinesterase, Monoamine Oxidase Inhibition, and H3R Antagonism with S1R Agonism Profile. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 6937-6943.	2.9	42
61	Donepezil-chromone-melatonin hybrids as promising agents for Alzheimer's disease therapy. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 479-489.	2.3	42
62	Novel indanone derivatives as MAO B/H3R dual-targeting ligands for treatment of Parkinson's disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 487-497.	2.6	41
63	Tacripyrimidines, the first tacrine-dihydropyrimidine hybrids, as multi-target-directed ligands for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 839-846.	2.6	41
64	New multipotent tetracyclic tacrine with neuroprotective activity. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 8176-8185.	1.4	40
65	A practical two-step synthesis of imidazo[1,2-a]pyridines from <i>N</i> -(prop-2-yn-1-yl)pyridin-2-amines. <i>Chemical Communications</i> , 2011, 47, 5043.	2.2	39
66	Tacrine for Alzheimer's disease therapy. III. The PyridoTacrine. <i>European Journal of Medicinal Chemistry</i> , 2019, 166, 381-389.	2.6	39
67	On Accounting for the Stereoselective Control of the Metal-Catalyzed Rautenstrauch Cyclopropanation by Computational Methods. <i>Journal of Organic Chemistry</i> , 2007, 72, 2651-2654.	1.7	38
68	New Insights on the Mechanism of the Transition-Metal Stereoselective Olefin Cyclopropanation. <i>Chemistry - A European Journal</i> , 2008, 14, 6771-6779.	1.7	38
69	The pauson-khand reaction on carbohydrate templates.I. Synthesis of bis-heteroannulated-pyranosides. <i>Tetrahedron Letters</i> , 1994, 35, 5059-5062.	0.7	37
70	Cyclohexane Epoxides: Chemistry and Biochemistry of (+)-Cyclophellitol. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 1607-1618.	1.2	36
71	Multipotent cholinesterase/monoamine oxidase inhibitors for the treatment of Alzheimer's disease: design, synthesis, biochemical evaluation, ADMET, molecular modeling, and QSAR analysis of novel donepezil-pyridyl hybrids. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1893.	2.0	35
72	Design, Synthesis and in vitro Evaluation of Indolotacrine Analogues as Multitarget-Directed Ligands for the Treatment of Alzheimer's Disease. <i>ChemMedChem</i> , 2016, 11, 1264-1269.	1.6	35

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73	New Quinolylnitrones for Stroke Therapy: Antioxidant and Neuroprotective (<i>Z</i>)-<i>N</i>-<i>tert</i>-Butyl-1-(2-chloro-6-methoxyquinolin-3-yl)methanimine Oxide as a New Lead-Compound for Ischemic Stroke Treatment. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2184-2201.	2.9	35
74	Synthesis, biological assessment and molecular modeling of 14-aryl-10,11,12,14-tetrahydro-9H-benzo[5,6]chromeno[2,3-b]quinolin-13-amines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2384-2388.	1.0	34
75	Tetrahydropyranodiquinolin-8-amines as new, non hepatotoxic, antioxidant, and acetylcholinesterase inhibitors for Alzheimer's disease therapy. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 576-589.	2.6	34
76	Carbocycles from Carbohydrates via Free Radical Cyclizations: Synthesis and Manipulation of Annulated Furanoses. <i>Synlett</i> , 1998, 1998, 693-699.	1.0	33
77	DFT-Based Mechanism for the Unexpected Formation of Dienes in the PtCl <sub>2</sub> Isomerization of Propargylic Acetates: A Examples of Inhibition of the Rautenstrauch Process. <i>Journal of Organic Chemistry</i> , 2007, 72, 1443-1448.	1.7	33
78	Synthesis of 6-amino-1,4-dihydropyridines that prevent calcium overload and neuronal death. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 668-674.	2.6	33
79	Nontoxic and Neuroprotective Î <sup>2</sup> -Naphthotacrine for Alzheimer's Disease. <i>Chemical Research in Toxicology</i> , 2013, 26, 986-992.	1.7	33
80	Synthesis of higher-carbon sugars by addition of organometallic reagents to aldehydes or lactols derived from carbohydrates. <i>Tetrahedron</i> , 2001, 57, 4729-4739.	1.0	32
81	Propargylamine-derived multi-target directed ligands for Alzheimer's disease therapy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126880.	1.0	32
82	Strategies and tactics for free radical carbocyclization: synthesis of polyfunctionalized cyclopentanoid molecules from carbohydrates. <i>Tetrahedron</i> , 1993, 49, 6669-6694.	1.0	31
83	Efficacy of Acetylcholinesterase Inhibitors on Cognitive Function in Alzheimer's Disease. <i>Review of Reviews. Biomedicines</i> , 2021, 9, 1689.	1.4	31
84	Synthesis, pharmacological assessment, and molecular modeling of 6-chloro-pyridonepezils: New dual AChE inhibitors as potential drugs for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 64-74.	2.6	30
85	New Dual Small Molecules for Alzheimer's Disease Therapy Combining Histamine H <sub>3</sub> Receptor (H <sub>3</sub> R) Antagonism and Calcium Channels Blockade with Additional Cholinesterase Inhibition. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 11416-11422.	2.9	30
86	A DFT-Based Theoretical Investigation of the Mechanism of the PtCl <sub>2</sub> -Mediated Cycloisomerization of Allenynes. <i>Chemistry - A European Journal</i> , 2005, 11, 521-533.	1.7	29
87	Synthesis, structure, theoretical and experimental in vitro antioxidant/pharmacological properties of Î±-aryl, N-alkyl nitrones, as potential agents for the treatment of cerebral ischemia. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 951-960.	1.4	29
88	6-endo-dig Free-Radical Carbocyclizations: A New Strategy for the Synthesis of Cyclitols. <i>Journal of Organic Chemistry</i> , 1994, 59, 1234-1235.	1.7	28
89	Synthesis of chiral, densely functionalized medium-sized rings from carbohydrate precursors via regioselective exo/endo-primary alkyl radical cyclizations. <i>Tetrahedron Letters</i> , 2000, 41, 5341-5345.	0.7	28
90	Asymmetric Pauson-Khand Reaction. Cobalt-Mediated Cycloisomerization of 1,6-Enynes in Carbohydrate Templates: A Synthesis of Bis-Heteroannulated Pyranosides. <i>Journal of Organic Chemistry</i> , 1996, 61, 7666-7670.	1.7	27



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91	Synthesis of Cycloheptenols from Carbohydrates by Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 2000, 65, 5416-5419.	1.7	27
92	Effects of Novel Monoamine Oxidases and Cholinesterases Targeting Compounds on Brain Neurotransmitters and Behavior in Rat Model of Vascular Dementia. <i>Current Pharmaceutical Design</i> , 2014, 20, 161-171.	0.9	27
93	Multi-target 1,4-dihydropyridines showing calcium channel blockade and antioxidant capacity for Alzheimer's disease therapy. <i>Bioorganic Chemistry</i> , 2019, 91, 103205.	2.0	27
94	Chiral, densely functionalized cycloheptanes from carbohydrates. I. The nitron route. <i>Tetrahedron Letters</i> , 1999, 40, 4445-4448.	0.7	26
95	Cholesteronitrones for Stroke. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6704-6709.	2.9	26
96	Synthesis of 4-Amino-5-H-2,3-dihydroisothiazole-1,1-dioxide Ring Systems on Sugar Templates via Carbanion-Mediated Sulfonamide Intramolecular Cyclization Reactions (CSIC Protocols) of Glyco- $\pm$ -sulfonamidonitriles. <i>Journal of Organic Chemistry</i> , 2004, 69, 843-856.	1.7	25
97	Microwave Irradiation-Assisted Amination of 2-Chloropyridine Derivatives with Amide Solvents. <i>Synthetic Communications</i> , 2011, 41, 2859-2869.	1.1	25
98	Synthesis of polycyclic molecules via cascade radical carbocyclizations of dienyne: the first SnPh <sub>3</sub> radical-mediated [2 + 2 + 2] formal cycloaddition of dodeca-1,6-dien-11-yne. <i>Chemical Communications</i> , 1996, , 2629.	2.2	24
99	Chemical and Pharmacological Studies on Enantiomerically Pure <i>p</i> -Methoxytacripyrines, Promising Multi-Target-Directed Ligands for the Treatment of Alzheimer's Disease. <i>ChemMedChem</i> , 2011, 6, 1990-1997.	1.6	24
100	Synthesis and Biological Assessment of Racemic Benzochromenopyrimidinimines as Antioxidant, Cholinesterase, and A $\beta$ <sup>2</sup> Aggregation Inhibitors for Alzheimer's Disease Therapy. <i>ChemMedChem</i> , 2016, 11, 1318-1327.	1.6	24
101	A new and extremely efficient, general strategy for the synthesis of enantiomerically pure iridoid aglycones. <i>Tetrahedron Letters</i> , 1998, 39, 6393-6394.	0.7	23
102	Quinolinyl Nitron RP19 Induces Neuroprotection after Transient Brain Ischemia. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2202-2213.	1.7	23
103	Synthesis and Biological Evaluation of Benzochromenopyrimidinones as Cholinesterase Inhibitors and Potent Antioxidant, Non-Hepatotoxic Agents for Alzheimer's Disease. <i>Molecules</i> , 2016, 21, 634.	1.7	22
104	Comparative Analysis of the Neurochemical Profile and MAO Inhibition Properties of <i>N</i> -(Furan-2-ylmethyl)- <i>N</i> -methylprop-2-yn-1-amine. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1026-1035.	1.7	22
105	Recent Advances on Nitrones Design for Stroke Treatment. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 13413-13427.	2.9	22
106	Stereoelectronic effects in the 6-exo free radical cyclization of acyclic sugar derivatives: synthesis of branched chain cyclitols. <i>Journal of Organic Chemistry</i> , 1993, 58, 4293-4297.	1.7	21
107	Iridoids from Carbohydrates via Pauson-Khand Reaction: Synthesis of Advanced Highly Oxygenated Cyclopentane-Annulated Pyranosides from Glucal Derivatives. <i>Journal of Organic Chemistry</i> , 1999, 64, 8302-8310.	1.7	21
108	Synthesis of 7-Azabicyclo[2.2.1]heptane and 2-Oxa-4-azabicyclo[3.3.1]non-3-ene Derivatives by Base-Promoted Heterocyclization of Alkyl <i>N</i> -(cis(trans)-3,trans(cis)-4-Dibromocyclohex-1-yl)carbamates and <i>N</i> -(cis(trans)-3,trans(cis)-4-Dibromocyclohex-1-yl)-2,2,2-trifluoroacetamides. <i>Journal of Organic Chemistry</i> , 2007, 72, 8656-8670.	1.7	21

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109	Melatonin as a versatile molecule to design novel multitarget hybrids against neurodegeneration. <i>Future Medicinal Chemistry</i> , 2017, 9, 765-780.	1.1	21
110	The proof-of-concept of ASS234: Peripherally administered ASS234 enters the central nervous system and reduces pathology in a male mouse model of Alzheimer disease. <i>Journal of Psychiatry and Neuroscience</i> , 2017, 42, 59-69.	1.4	21
111	From Seeds of <i>Apium graveolens</i> Linn. to a Cerebral Ischemia Medicine: The Long Journey of 3- <i>n</i> -Butylphthalide. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12485-12510.	2.9	21
112	( $\pm$ )- <b>BIGI-3h</b> : Pentatarget-Directed Ligand combining Cholinesterase, Monoamine Oxidase, and Glycogen Synthase Kinase 3 $\beta$ Inhibition with Calcium Channel Antagonism and Antiaggregating Properties for Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1328-1342.	1.7	21
113	PP2A Ligand ITH12246 Protects against Memory Impairment and Focal Cerebral Ischemia in Mice. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1267-1277.	1.7	20
114	Tacrines as Therapeutic Agents for Alzheimer's Disease. IV. The Tacipyridines and Related Annulated Tacrines. <i>Chemical Record</i> , 2019, 19, 927-937.	2.9	20
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