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List of Publications by Year in descending order

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44
papers

635
citations

516215

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45
docs citations

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times ranked

881
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholinesterases and Cholinesterase Inhibitors. <i>Current Enzyme Inhibition</i> , 2008, 4, 160-171.	0.3	45
2	Acetylcholinesterase-Inhibiting Activity of Salicylanilide N-Alkylcarbamates and Their Molecular Docking. <i>Molecules</i> , 2012, 17, 10142-10158.	1.7	44
3	Novel Cholinesterase Inhibitors Based on O-Aromatic N,N-Disubstituted Carbamates and Thiocarbamates. <i>Molecules</i> , 2016, 21, 191.	1.7	35
4	Synthesis and in vitro evaluation of new derivatives of 2-substituted-6-fluorobenzo[d]thiazoles as cholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1735-1748.	1.4	33
5	Cholinesterase-based biosensors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 180-193.	2.5	32
6	Half-inhibition Concentrations of New Cholinesterase Inhibitors. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 293-296.	0.6	31
7	In Vitro Inhibitory Effects of 8-O-Demethylmaritidine and Undulatine on Acetylcholinesterase and Their Predicted Penetration across the Blood-Brain Barrier. <i>Journal of Natural Products</i> , 2015, 78, 1189-1192.	1.5	24
8	Synthesis and in vitro evaluation of novel rhodanine derivatives as potential cholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2016, 68, 23-29.	2.0	24
9	Synthesis, structural characterization, docking, lipophilicity and cytotoxicity of 1-[(1R)-1-(6-fluoro-1,3-benzothiazol-2-yl)ethyl]-3-alkyl carbamates, novel acetylcholinesterase and butyrylcholinesterase pseudo-irreversible inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1560-1572.	1.4	24
10	Isolation of Amaryllidaceae alkaloids from <i>Nerine bowdenii</i> W. Watson and their biological activities. <i>RSC Advances</i> , 2016, 6, 80114-80120.	1.7	23
11	In Vitro and In Silico Acetylcholinesterase Inhibitory Activity of Thalictricavine and Canadine and Their Predicted Penetration across the Blood-Brain Barrier. <i>Molecules</i> , 2019, 24, 1340.	1.7	23
12	1,3-Substituted Imidazolidine-2,4,5-triones: Synthesis and Inhibition of Cholinergic Enzymes. <i>Molecules</i> , 2011, 16, 7565-7582.	1.7	21
13	Salicylanilide diethyl phosphates as cholinesterases inhibitors. <i>Bioorganic Chemistry</i> , 2015, 58, 48-52.	2.0	19
14	Kinetics of Total Enzymatic Hydrolysis of Acetylcholine and Acetylthiocholine. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006, 61, 289-294.	0.6	18
15	Novel Benzene-Based Carbamates for AChE/BChE Inhibition: Synthesis and Ligand/Structure-Oriented SAR Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1524.	1.8	18
16	Synthesis and Hybrid SAR Property Modeling of Novel Cholinesterase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3444.	1.8	18
17	Proline-Based Carbamates as Cholinesterase Inhibitors. <i>Molecules</i> , 2017, 22, 1969.	1.7	17
18	2-Hydroxy-N-phenylbenzamides and Their Esters Inhibit Acetylcholinesterase and Butyrylcholinesterase. <i>Biomolecules</i> , 2019, 9, 698.	1.8	15

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19	Hydrazones of 4-(Trifluoromethyl)benzohydrazide as New Inhibitors of Acetyl- and Butyrylcholinesterase. <i>Molecules</i> , 2021, 26, 989.	1.7	15
20	Investigation of salicylanilide and 4-chlorophenol-based N-monosubstituted carbamates as potential inhibitors of acetyl- and butyrylcholinesterase. <i>Bioorganic Chemistry</i> , 2018, 80, 668-673.	2.0	12
21	Diethyl 2-(Phenylcarbamoyl)phenyl Phosphorothioates: Synthesis, Antimycobacterial Activity and Cholinesterase Inhibition. <i>Molecules</i> , 2014, 19, 7152-7168.	1.7	11
22	Novel Sulfonamide-Based Carbamates as Selective Inhibitors of BChE. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9447.	1.8	11
23	Novel propargylamine-based inhibitors of cholinesterases and monoamine oxidases: Synthesis, biological evaluation and docking study. <i>Bioorganic Chemistry</i> , 2021, 116, 105301.	2.0	11
24	The synthesis and cholinesterase inhibitory activities of solasodine analogues with seven-membered F ring. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 205, 105776.	1.2	10
25	Novel Iodinated Hydrazone-hydrazones and their Analogues as Acetyl- and Butyrylcholinesterase Inhibitors. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 2106-2117.	1.0	9
26	Synthesis of 1-(6-fluoro-1,3-benzothiazol-2-yl)ethyl-3-substituted phenyl ureas and their inhibition activity to acetylcholinesterase and butyrylcholinesterase. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 57-62.	1.4	8
27	Synthesis, characterization and in vitro evaluation of substituted N-(2-phenylcyclopropyl)carbamates as acetyl- and butyrylcholinesterase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 173-179.	2.5	8
28	Synthesis and characterization of new inhibitors of cholinesterases based on N-phenylcarbamates: In vitro study of inhibitory effect, type of inhibition, lipophilicity and molecular docking. <i>Bioorganic Chemistry</i> , 2018, 78, 280-289.	2.0	8
29	N-Alkyl-2-[4-(trifluoromethyl)benzoyl]hydrazine-1-carboxamides and Their Analogues: Synthesis and Multitarget Biological Activity. <i>Molecules</i> , 2020, 25, 2268.	1.7	8
30	Two New Methods Monitoring Kinetics of Hydrolysis of Acetylcholine and Acetylthiocholine. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2005, 60, 943-946.	0.6	7
31	Synthesis of readily available fluorophenylalanine derivatives and investigation of their biological activity. <i>Bioorganic Chemistry</i> , 2017, 71, 244-256.	2.0	7
32	Novel Aminoguanidine Hydrazone Analogues: From Potential Antimicrobial Agents to Potent Cholinesterase Inhibitors. <i>Pharmaceuticals</i> , 2021, 14, 1229.	1.7	6
33	Inhibition of acetylcholinesterase by 14 achiral and five chiral imidazole derivatives. <i>Bioresource Technology</i> , 2010, 101, 6281-6283.	4.8	5
34	Trimethoxycinnamates and Their Cholinesterase Inhibitory Activity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4691.	1.3	5
35	Kinetics of 13 New Cholinesterase Inhibitors. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006, 61, 611-617.	0.6	4
36	Electrochemical Sensors for the Estimation of the Inhibitory Effect of Phenylcarbamates to Cholinesterase. <i>Chemosensors</i> , 2015, 3, 274-283.	1.8	4

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37	N-[3,5-Bis(trifluoromethyl)phenyl]-5-bromo-2-hydroxybenzamide Analogues: Novel Acetyl- and Butyrylcholinesterase Inhibitors. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 2094-2105.	1.0	4
38	Synthesis and in vitro evaluation of novel N-cycloalkylcarbamates as potential cholinesterase inhibitors. <i>Monatshefte Für Chemie</i> , 2017, 148, 2143-2153.	0.9	3
39	Substituted benzyl N-phenylcarbamates – their solvolysis and inhibition activity to acetylcholinesterase and butyrylcholinesterase. <i>Arkivoc</i> , 2009, 2009, 1-11.	0.3	3
40	5-Aryl-1,3,4-oxadiazol-2-amines Decorated with Long Alkyl and Their Analogues: Synthesis, Acetyl- and Butyrylcholinesterase Inhibition and Docking Study. <i>Pharmaceuticals</i> , 2022, 15, 400.	1.7	3
41	In vitro Inhibition of Cholinesterases by Carbamates - A Kinetic Study. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 305-307.	0.6	2
42	Inhibition of Cholinesterase by Dialkylcarbamates. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 308-310.	0.6	2
43	Kinetics of the total hydrolysis of acetyl- ¹² -methylcholine by acetylcholinesterase. <i>Reaction Kinetics and Catalysis Letters</i> , 2008, 95, 205-211.	0.6	2
44	New Method for the Determination of the Half Inhibition Concentration (IC ₅₀) of Cholinesterase Inhibitors. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 133-138.	0.6	2