

Srka Stepankov

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.

40
papers

417
citations

14
h-index

18
g-index

45
ext. papers

549
ext. citations

3.9
avg, IF

3.4
L-index

#	Paper	IF	Citations
40	Synthesis and Hybrid SAR Property Modeling of Novel Cholinesterase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
39	Trimethoxycinnamates and Their Cholinesterase Inhibitory Activity. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4691	2.6	1
38	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	5.1	2
37	Novel propargylamine-based inhibitors of cholinesterases and monoamine oxidases: Synthesis, biological evaluation and docking study. <i>Bioorganic Chemistry</i> , 2021 , 116, 105301	5.1	3
36	-Alkyl-2-[4-(trifluoromethyl)benzoyl]hydrazine-1-carboxamides and Their Analogues: Synthesis and Multitarget Biological Activity. <i>Molecules</i> , 2020 , 25,	4.8	2
35	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	3	1
34	Novel Iodinated Hydrazide-hydrazones and their Analogues as Acetyl- and Butyrylcholinesterase Inhibitors. <i>Current Topics in Medicinal Chemistry</i> , 2020 , 20, 2106-2117	3	3
33	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,	4.8	13
32	Novel Benzene-Based Carbamates for AChE/BChE Inhibition: Synthesis and Ligand/Structure-Oriented SAR Study. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
31	2-Hydroxy--phenylbenzamides and Their Esters Inhibit Acetylcholinesterase and Butyrylcholinesterase. <i>Biomolecules</i> , 2019 , 9,	5.9	6
30	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	5.1	3
29	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	5.1	8
28	Synthesis of readily available fluorophenylalanine derivatives and investigation of their biological activity. <i>Bioorganic Chemistry</i> , 2017 , 71, 244-256	5.1	5
27	Proline-Based Carbamates as Cholinesterase Inhibitors. <i>Molecules</i> , 2017 , 22,	4.8	17
26	Synthesis and in vitro evaluation of novel N-cycloalkylcarbamates as potential cholinesterase inhibitors. <i>Monatshefte für Chemie</i> , 2017 , 148, 2143-2153	1.4	2
25	Isolation of Amaryllidaceae alkaloids from <i>Nerine bowdenii</i> W. Watson and their biological activities. <i>RSC Advances</i> , 2016 , 6, 80114-80120	3.7	20
24	Cholinesterase-based biosensors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 180-193	3.6	22

23	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, 1560-72	3.4	19
22	Novel Cholinesterase Inhibitors Based on O-Aromatic N,N-Disubstituted Carbamates and Thiocarbamates. <i>Molecules</i> , 2016 , 21,	4.8	24
21	Synthesis and in vitro evaluation of novel rhodanine derivatives as potential cholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2016 , 68, 23-9	5.1	17
20	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	5.6	7
19	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, 1189-92	4.9	24
18	Salicylanilide diethyl phosphates as cholinesterases inhibitors. <i>Bioorganic Chemistry</i> , 2015 , 58, 48-52	5.1	15
17	Electrochemical Sensors for the Estimation of the Inhibitory Effect of Phenylcarbamates to Cholinesterase. <i>Chemosensors</i> , 2015 , 3, 274-283	4	4
16	Diethyl 2-(phenylcarbamoyl)phenyl phosphorothioates: synthesis, antimycobacterial activity and cholinesterase inhibition. <i>Molecules</i> , 2014 , 19, 7152-68	4.8	10
15	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, 1735-48	3.4	30
14	New Method for the Determination of the Half Inhibition Concentration (IC50) of Cholinesterase Inhibitors. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013 , 68, 133-138	1.7	1
13	Acetylcholinesterase-inhibiting activity of salicylanilide N-alkylcarbamates and their molecular docking. <i>Molecules</i> , 2012 , 17, 10142-58	4.8	33
12	1,3-substituted imidazolidine-2,4,5-triones: synthesis and inhibition of cholinergic enzymes. <i>Molecules</i> , 2011 , 16, 7565-82	4.8	18
11	Synthesis of 1-[(1R)-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	1.9	5
10	Inhibition of acetylcholinesterase by 14 achiral and five chiral imidazole derivates. <i>Bioresource Technology</i> , 2010 , 101, 6281-3	11	4
9	Substituted benzyl N-phenylcarbamates II their solvolysis and inhibition activity to acetylcholinesterase and butyrylcholinesterase. <i>Arkivoc</i> , 2009 , 2009, 1-11	0.9	3
8	Cholinesterases and Cholinesterase Inhibitors. <i>Current Enzyme Inhibition</i> , 2008 , 4, 160-171	0.5	19
7	Kinetics of the total hydrolysis of acetyl-β-methylcholine by acetylcholinesterase. <i>Reaction Kinetics and Catalysis Letters</i> , 2008 , 95, 205-211		2
6	Inhibition of cholinesterase by dialkylcarbamates. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007 , 62, 308-10	1.7	2

5	In vitro inhibition of cholinesterases by carbamates--a kinetic study. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007 , 62, 305-7	1.7	2
4	Kinetics of total enzymatic hydrolysis of acetylcholine and acetylthiocholine. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006 , 61, 289-94	1.7	14
3	Kinetics of 13 new cholinesterase inhibitors. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006 , 61, 611-7	1.7	4
2	Two new methods monitoring kinetics of hydrolysis of acetylcholine and acetylthiocholine. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2005 , 60, 943-6	1.7	6
1	Half-inhibition concentrations of new cholinesterase inhibitors. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004 , 59, 293-6	1.7	27