Katarina Vorcakova

List of Publications by Year
in descending order

23	318	933410 10	888047 17
papers	citations	h-index	g-index

23	23	23	501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	5-Aryl-1,3,4-oxadiazol-2-amines Decorated with Long Alkyl and Their Analogues: Synthesis, Acetyl- and Butyrylcholinesterase Inhibition and Docking Study. Pharmaceuticals, 2022, 15, 400.	3.8	3
2	The synthesis and cholinesterase inhibitory activities of solasodine analogues with seven-membered F ring. Journal of Steroid Biochemistry and Molecular Biology, 2021, 205, 105776.	2.5	10
3	Hydrazones of 4-(Trifluoromethyl)benzohydrazide as New Inhibitors of Acetyl- and Butyrylcholinesterase. Molecules, 2021, 26, 989.	3.8	15
4	Trimethoxycinnamates and Their Cholinesterase Inhibitory Activity. Applied Sciences (Switzerland), 2021, 11, 4691.	2.5	5
5	Novel Sulfonamide-Based Carbamates as Selective Inhibitors of BChE. International Journal of Molecular Sciences, 2021, 22, 9447.	4.1	11
6	Novel propargylamine-based inhibitors of cholinesterases and monoamine oxidases: Synthesis, biological evaluation and docking study. Bioorganic Chemistry, 2021, 116, 105301.	4.1	11
7	Novel Aminoguanidine Hydrazone Analogues: From Potential Antimicrobial Agents to Potent Cholinesterase Inhibitors. Pharmaceuticals, 2021, 14, 1229.	3.8	6
8	N-Alkyl-2-[4-(trifluoromethyl)benzoyl]hydrazine-1-carboxamides and Their Analogues: Synthesis and Multitarget Biological Activity. Molecules, 2020, 25, 2268.	3.8	8
9	N-[3,5-Bis(trifluoromethyl)phenyl]-5-bromo-2-hydroxybenzamide Analogues: Novel Acetyl- and Butyrylcholinesterase Inhibitors. Current Topics in Medicinal Chemistry, 2020, 20, 2094-2105.	2.1	4
10	Novel Iodinated Hydrazide-hydrazones and their Analogues as Acetyl- and Butyrylcholinesterase Inhibitors. Current Topics in Medicinal Chemistry, 2020, 20, 2106-2117.	2.1	9
11	SAR-mediated Similarity Assessment of the Property Profile for New, Silicon-Based AChE/BChE Inhibitors. International Journal of Molecular Sciences, 2019, 20, 5385.	4.1	10
12	2-Hydroxy-N-phenylbenzamides and Their Esters Inhibit Acetylcholinesterase and Butyrylcholinesterase. Biomolecules, 2019, 9, 698.	4.0	15
13	Derivatives of the Î²-Crinane Amaryllidaceae Alkaloid Haemanthamine as Multi-Target Directed Ligands for Alzheimerâ€™s Disease. Molecules, 2019, 24, 1307.	3.8	22
14	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. Bioorganic Chemistry, 2018, 78, 280-289.	4.1	8
15	Investigation of salicylanilide and 4-chlorophenol-based N-monosubstituted carbamates as potential inhibitors of acetyl- and butyrylcholinesterase. Bioorganic Chemistry, 2018, 80, 668-673.	4.1	12
16	Synthesis of readily available fluorophenylalanine derivatives and investigation of their biological activity. Bioorganic Chemistry, 2017, 71, 244-256.	4.1	7
17	Novel Cholinesterase Inhibitors Based on O-Aromatic N,N-Disubstituted Carbamates and Thiocarbamates. Molecules, 2016, 21, 191.	3.8	35
18	Synthesis and in vitro evaluation of novel rhodanine derivatives as potential cholinesterase inhibitors. Bioorganic Chemistry, 2016, 68, 23-29.	4.1	24

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19	Synthesis, characterization and in vitro evaluation of substituted N-(2-phenylcyclopropyl)carbamates as acetyl- and butyrylcholinesterase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 173-179.	5.2	8
20	Cholinesterase-based biosensors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 180-193.	5.2	32
21	Salicylanilide diethyl phosphates as cholinesterases inhibitors. Bioorganic Chemistry, 2015, 58, 48-52.	4.1	19
22	Diethyl 2-(Phenylcarbamoyl)phenyl Phosphorothioates: Synthesis, Antimycobacterial Activity and Cholinesterase Inhibition. Molecules, 2014, 19, 7152-7168.	3.8	11
23	Synthesis and in vitro evaluation of new derivatives of 2-substituted-6-fluorobenzo[d]thiazoles as cholinesterase inhibitors. Bioorganic and Medicinal Chemistry, 2013, 21, 1735-1748.	3.0	33