Veronika Opletalova

List of Publications by Year
in descending order

40	923	393982 19	454577 30
papers	citations	h-index	g-index

45	45	45	1252
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	7-MEOTAâ€“donepezil like compounds as cholinesterase inhibitors: Synthesis, pharmacological evaluation, molecular modeling and QSAR studies. European Journal of Medicinal Chemistry, 2014, 82, 426-438.	2.6	80
2	Synthesis and in vitro evaluation of N-alkyl-7-methoxytacrine hydrochlorides as potential cholinesterase inhibitors in Alzheimer disease. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6093-6095.	1.0	63
3	Identification and Characterization of Thiosemicarbazones with Antifungal and Antitumor Effects: Cellular Iron Chelation Mediating Cytotoxic Activity. Chemical Research in Toxicology, 2008, 21, 1878-1889.	1.7	62
4	Synthesis of monooxime-monocarbamoyl bispyridinium compounds bearing (E)-but-2-ene linker and evaluation of their reactivation activity against tabun- and paraoxon-inhibited acetylcholinesterase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2008, 23, 70-76.	2.5	61
5	Monooxime reactivators of acetylcholinesterase with (E)-but-2-ene linkerâ€”Preparation and reactivation of tabun- and paraoxon-inhibited acetylcholinesterase. Bioorganic and Medicinal Chemistry, 2007, 15, 6733-6741.	1.4	52
6	5-Lipoxygenase, Leukotrienes Biosynthesis and Potential Antileukotrienic Agents. Current Medicinal Chemistry, 2006, 13, 117-129.	1.2	48
7	Rhodanineacetic Acid Derivatives as Potential Drugs: Preparation, Hydrophobic Properties and Antifungal Activity of (5-Arylalkylidene-4-oxo-2-thioxo-1,3-thiazolidin-3-yl)acetic Acids. Molecules, 2009, 14, 4197-4212.	1.7	44
8	Novel series of bispyridinium compounds bearing a (Z)-but-2-ene linkerâ€”Synthesis and evaluation of their reactivation activity against tabun and paraoxon-inhibited acetylcholinesterase. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3172-3176.	1.0	40
9	Ring substituted 3-phenyl-1-(2-pyrazinyl)-2-propen-1-ones as potential photosynthesis-inhibiting, antifungal and antimycobacterial agents. Il Farmaco, 2002, 57, 135-144.	0.9	39
10	Monooximeâ€monocarbamoyl Bispyridinium Xyleneâ€Linked Reactivators of Acetylcholinesteraseâ€”Synthesis, In vitro and Toxicity Evaluation, and Docking Studies. ChemMedChem, 2010, 5, 247-254.	1.6	38
11	Russian VX: Inhibition and Reactivation of Acetylcholinesterase Compared with VX Agent. Basic and Clinical Pharmacology and Toxicology, 2006, 98, 389-394.	1.2	36
12	Novel Pyrazine Analogs of Chalcones: Synthesis and Evaluation of Their Antifungal and Antimycobacterial Activity. Molecules, 2015, 20, 1104-1117.	1.7	32
13	In VitroAntiplatelet Activity of Flavonoids fromLeuzea Carthamoides. Drug and Chemical Toxicology, 2008, 31, 27-35.	1.2	28
14	Novel Halogenated Pyrazine-Based Chalcones as Potential Antimicrobial Drugs. Molecules, 2016, 21, 1421.	1.7	28
15	Monoquaternary pyridinium salts with modified side chainâ€”synthesis and evaluation on model of tabun- and paraoxon-inhibited acetylcholinesterase. Bioorganic and Medicinal Chemistry, 2008, 16, 8218-8223.	1.4	25
16	5-Alkyl-2-pyrazinecarboxamides, 5-Alkyl-2-pyrazinecarbonitriles and 5-Alkyl-2-acetylpyrazines as Synthetic Intermediates for Antiinflammatory Agents. Collection of Czechoslovak Chemical Communications, 1996, 61, 1093-1101.	1.0	22
17	Synthesis and In Vitro Evaluation of N-(Bromobut-3-en-2-yl)-7-methoxy-1,2,3,4-tetrahydroacridin-9-amine as a Cholinesterase Inhibitor with Regard to Alzheimer's Disease Treatment. Molecules, 2010, 15, 8804-8812.	1.7	22
18	Synthesis and in vitro evaluation of 7-methoxy-N-(pent-4-enyl)-1,2,3,4-tetrahydroacridin-9-amineâ€”new tacrine derivate with cholinergic properties. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6563-6566.	1.0	21

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19	Synthesis and Characterization of (Z)-5-Arylmethylidene-rhodanines with Photosynthesis-Inhibiting Properties. Molecules, 2011, 16, 5207-5227.	1.7	21
20	Synthesis and Biological Evaluation of (E)-3-(Nitrophenyl)-1-(pyrazin-2-yl)prop-2-en-1-ones. Collection of Czechoslovak Chemical Communications, 2006, 71, 44-58.	1.0	20
21	Synthetic Studies Towards the Preparation of 2-Benzyl-2- hydroxybenzofuran-3(2H)-one, the Prototype of Naturally Occurring Hydrated Auronols. Helvetica Chimica Acta, 2004, 87, 2597-2601.	1.0	19
22	Development and validation of a liquid chromatography method for the simultaneous determination of Î±-tocopherol, retinol and retinyl esters in human serum using a monolithic column for the monitoring of anticancer therapy side effects. Journal of Separation Science, 2006, 29, 2485-2493.	1.3	18
23	Conformational analysis of 2-hydroxy-2â€²,5â€²-diazachalcones. Journal of Pharmaceutical and Biomedical Analysis, 2000, 23, 55-59.	1.4	17
24	New Hydrophobicity Constants of Substituents in Pyrazine Rings Derived from RP-HPLC Study. Collection of Czechoslovak Chemical Communications, 2008, 73, 1-18.	1.0	16
25	Preparation, in vitro screening and molecular modelling of symmetrical 4-tert-butylpyridinium cholinesterase inhibitorsâ€”Analogues of SAD-128. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 150-154.	1.0	16
26	Synthesis and In Vitro Evaluation of New Tacrine Derivates-Bis-Alkylene Linked 7-MEOTA. Letters in Organic Chemistry, 2010, 7, 327-331.	0.2	14
27	Synthesis and Antifungal Screening of 2-{[1-(5-Alkyl/arylalkylpyrazin-2-yl)ethylidene]hydrazono}-1,3-thiazolidin-4-ones. Molecules, 2016, 21, 1592.	1.7	8
28	In vitro antifungal activity of propolis samples of Czech and Slovak origin. Open Life Sciences, 2011, 6, 160-166.	0.6	6
29	(Z)-3-Amino-5-(pyridin-2-ylmethylidene)-2-thioxo-1,3-thiazolidin-4-one. MolBank, 2015, 2015, M872.	0.2	6
30	New Bisquaternary Isoquinolinium Inhibitors of Brain Cholinesterases - Synthesis and Anticholinesterase Activity. Letters in Drug Design and Discovery, 2010, 7, 1-4.	0.4	4
31	Reactivation of acetycholinesterase inhibited by the pesticide chlorpyrifos. Journal of Applied Biomedicine, 2006, 4, 147-151.	0.6	4
32	Homolytic Acetylation of 2,5-Dimethylpyrazine. Collection of Czechoslovak Chemical Communications, 1995, 60, 1551-1554.	1.0	3
33	Comparison of Novel Tacrine and 7-MEOTA Derivatives with Aromatic and Alicyclic Residues: Synthesis, Biological Evaluation and Docking Studies. Letters in Organic Chemistry, 2013, 10, 291-297.	0.2	3
34	Thiosemicarbazones and their antimycobacterial effects. Ceska A Slovenska Farmacie, 2013, 62, 78-83.	0.3	3
35	Some Anilides of 2-Alkylthio- and 2-Chloro-6-Alkylthio-4-Pyridinecarboxylic Acids: Synthesis and Photosynthesis-Inhibiting Activity. Molecules, 2001, 6, 603-613.	1.7	1
36	SAR Study on Reactivators of Ethyl-Paraoxon Inhibited Acetylcholinesterase. Letters in Drug Design and Discovery, 2012, 9, 587-594.	0.4	1

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37	Study of hydrophobic properties of biologically active open analogues of flavonoids. Journal of Molecular Graphics and Modelling, 2013, 39, 61-64.	1.3	1
38	Synthetic Studies Towards the Preparation of 2-Benzyl-2-hydroxybenzofuran-3(2H)-one, the Prototype of Naturally Occurring Hydrated Auronols.. ChemInform, 2005, 36, no.	0.1	0
39	Alzheimer's Disease Drugs- In Vitro Comparison of Cholinesterase Inhibition and beta-amyloid Modulation. Letters in Drug Design and Discovery, 2017, 14, .	0.4	0
40	In vitro Screening of Oxime Reactivators on the Model of Paraoxon-inhibited Acetylcholinesterase-SAR Study. Bulletin of the Korean Chemical Society, 2010, 31, 1609-1614.	1.0	0