

Lubica Muckova

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

428
citations

933447

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23
all docs

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23
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Tacrine-Trolox Hybrids: A Novel Class of Centrally Active, Nonhepatotoxic Multi-Target-Directed Ligands Exerting Anticholinesterase and Antioxidant Activities with Low In Vivo Toxicity. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8985-9003.	6.4	121
2	Novel tacrine-tryptophan hybrids: Multi-target directed ligands as potential treatment for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 491-514.	5.5	75
3	Novel Tacrine-Scutellarin Hybrids as Multipotent Anti-Alzheimer's Agents: Design, Synthesis and Biological Evaluation. <i>Molecules</i> , 2017, 22, 1006.	3.8	32
4	Development of 2-Methoxyhuprine as Novel Lead for Alzheimer's Disease Therapy. <i>Molecules</i> , 2017, 22, 1265.	3.8	26
5	Exploring Structure-Activity Relationship in Tacrine-Squaramide Derivatives as Potent Cholinesterase Inhibitors. <i>Biomolecules</i> , 2019, 9, 379.	4.0	23
6	Cytotoxicity of acetylcholinesterase reactivators evaluated <i>in vitro</i> and its relation to their structure. <i>Drug and Chemical Toxicology</i> , 2019, 42, 252-256.	2.3	22
7	2-Propargylamino-naphthoquinone derivatives as multipotent agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113112.	5.5	19
8	Tacrine Benzothiazoles: Novel class of potential multitarget anti-Alzheimer's drugs dealing with cholinergic, amyloid and mitochondrial systems. <i>Bioorganic Chemistry</i> , 2021, 107, 104596.	4.1	17
9	Phenothiazine-Tacrine Heterodimers: Pursuing Multitarget Directed Approach in Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1698-1715.	3.5	16
10	Simultaneous determination of malondialdehyde and 3-nitrotyrosine in cultured human hepatoma cells by liquid chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2018, 32, e4349.	1.7	12
11	Encapsulation of oxime K027 into cucurbit[7]uril: In vivo evaluation of safety, absorption, brain distribution and reactivation effectiveness. <i>Toxicology Letters</i> , 2020, 320, 64-72.	0.8	10
12	Strong Antimicrobial Effects of Xanthohumol and Beta-Acids from Hops against <i>Clostridioides difficile</i> Infection In Vivo. <i>Antibiotics</i> , 2021, 10, 392.	3.7	8
13	A novel class of small molecule inhibitors with radioprotective properties. <i>European Journal of Medicinal Chemistry</i> , 2020, 187, 111606.	5.5	7
14	Tacroximes: novel unique compounds for the recovery of organophosphorus-inhibited acetylcholinesterase. <i>Future Medicinal Chemistry</i> , 2019, 11, 2625-2634.	2.3	6
15	Pharmacological and toxicological in vitro and in vivo effect of higher doses of oxime reactivators. <i>Toxicology and Applied Pharmacology</i> , 2019, 383, 114776.	2.8	5
16	Huprine Y-Tryptophan heterodimers with potential implication to Alzheimer's disease treatment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 43, 128100.	2.2	5
17	Synthesis and In Vitro Evaluation of Novel Dopamine Receptor D2 3,4-dihydroquinolin-2(1H)-one Derivatives Related to Aripiprazole. <i>Biomolecules</i> , 2021, 11, 1262.	4.0	5
18	Amaryllidaceae Alkaloids of Norbelladine-Type as Inspiration for Development of Highly Selective Butyrylcholinesterase Inhibitors: Synthesis, Biological Activity Evaluation, and Docking Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8308.	4.1	5

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19	N-alkylated Tacrine Derivatives as Potential Agents in Alzheimer's Disease Therapy. <i>Current Alzheimer Research</i> , 2019, 16, 333-343.	1.4	5
20	Oxidative stress induced by oxime reactivators of acetylcholinesterase in vitro. <i>Toxicology in Vitro</i> , 2019, 56, 110-117.	2.4	4
21	Substituted Piperazines as Novel Potential Radioprotective Agents. <i>Molecules</i> , 2020, 25, 532.	3.8	4
22	In vitro stress response induced by sulfur mustard in lung fibroblasts NHLF and human pulmonary epithelial cells A-549. <i>Archives of Toxicology</i> , 2020, 94, 3503-3514.	4.2	1
23	SULFUR MUSTARD: PERSISTING THREAT. <i>Military Medical Science Letters (Vojenske Zdravotnicke Listy)</i> , 2018, 87, 106-118.	0.5	0