Jan Korabecny

List of Publications by Year in descending order

149 papers	3,989 citations	117453 34 h-index	155451 55 g-index
152 all docs	152 docs citations	152 times ranked	4403 citing authors

#	Article	IF	Citations
1	Outcomes of Alzheimer's disease therapy with acetylcholinesterase inhibitors and memantine. Expert Opinion on Drug Safety, 2014, 13, 759-74.	1.0	209
2	A Perspective on Multi-target Drugs for Alzheimerâ€™s Disease. Trends in Pharmacological Sciences, 2020, 41, 434-445.	4.0	148
3	Multitarget Drug Design Strategy: Quinoneâ€“Tacrine Hybrids Designed To Block Amyloid-Î² Aggregation and To Exert Anticholinesterase and Antioxidant Effects. Journal of Medicinal Chemistry, 2014, 57, 8576-8589.	2.9	139
4	Adamantane â€“ A Lead Structure for Drugs in Clinical Practice. Current Medicinal Chemistry, 2016, 23, 3245-3266.	1.2	139
5	Phosphatidylinositol 3-Kinase (PI3K) and Phosphatidylinositol 3-Kinase-Related Kinase (PIKK) Inhibitors: Importance of the Morpholine Ring. Journal of Medicinal Chemistry, 2015, 58, 41-71.	2.9	122
6	Tacrineâ€“Trolox Hybrids: A Novel Class of Centrally Active, Nonhepatotoxic Multi-Target-Directed Ligands Exerting Anticholinesterase and Antioxidant Activities with Low In Vivo Toxicity. Journal of Medicinal Chemistry, 2015, 58, 8985-9003.	2.9	121
7	Synthesis and Biological Evaluation of Novel Tacrine Derivatives and Tacrineâ€“Coumarin Hybrids as Cholinesterase Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 7073-7084.	2.9	99
8	Tacrine-resveratrol fused hybrids as multi-target-directed ligands against Alzheimer's disease. European Journal of Medicinal Chemistry, 2017, 127, 250-262.	2.6	95
9	A Resurrection of 7-MEOTA: A Comparison with Tacrine. Current Alzheimer Research, 2013, 10, 893-906.	0.7	92
10	Design, synthesis and biological evaluation of new phthalimide and saccharin derivatives with alicyclic amines targeting cholinesterases, beta-secretase and amyloid beta aggregation. European Journal of Medicinal Chemistry, 2017, 125, 676-695.	2.6	85
11	Cardanol-derived AChE inhibitors: Towards the development of dual binding derivatives for Alzheimer's disease. European Journal of Medicinal Chemistry, 2016, 108, 687-700.	2.6	82
12	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
13	SAR study to find optimal cholinesterase reactivator against organophosphorous nerve agents and pesticides. Archives of Toxicology, 2016, 90, 2831-2859.	1.9	75
14	Multitarget Tacrine Hybrids with Neuroprotective Properties to Confront Alzheimerâ€™s Disease. Current Topics in Medicinal Chemistry, 2017, 17, 1006-1026.	1.0	75
15	Novel tacrine-tryptophan hybrids: Multi-target directed ligands as potential treatment for Alzheimer's disease. European Journal of Medicinal Chemistry, 2019, 168, 491-514.	2.6	75
16	Colorimetric dipstick for assay of organophosphate pesticides and nerve agents represented by paraoxon, sarin and VX. Talanta, 2010, 81, 621-624.	2.9	70
17	Novel 8â€Hydroxyquinoline Derivatives as Multitarget Compounds for the Treatment of Alzheimerâ€²s Disease. ChemMedChem, 2016, 11, 1284-1295.	1.6	69
18	Discovery of ATR kinase inhibitor berzosertib (VX-970, M6620): Clinical candidate for cancer therapy. , 2020, 210, 107518.		66

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19	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
20	7-Methoxytacrine-Adamantylamine Heterodimers as Cholinesterase Inhibitors in Alzheimerâ€™s Disease Treatment â€" Synthesis, Biological Evaluation and Molecular Modeling Studies. Molecules, 2013, 18, 2397-2418.	1.7	63
21	Isoquinoline Alkaloids from Berberis vulgaris as Potential Lead Compounds for the Treatment of Alzheimerâ€™s Disease. Journal of Natural Products, 2019, 82, 239-248.	1.5	55
22	Clinical Candidates Targeting the ATRâ€“CHK1â€“WEE1 Axis in Cancer. Cancers, 2021, 13, 795.	1.7	50
23	The pharmacology of tacrine at N -methyl- d -aspartate receptors. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 75, 54-62.	2.5	49
24	Prolyl oligopeptidase and its role in the organism: attention to the most promising and clinically relevant inhibitors. Future Medicinal Chemistry, 2017, 9, 1015-1038.	1.1	48
25	Newly Developed Drugs for Alzheimerâ€™s Disease in Relation to Energy Metabolism, Cholinergic and Monoaminergic Neurotransmission. Neuroscience, 2018, 370, 191-206.	1.1	48
26	Design, Synthesis, and Biological Evaluation of 1-Benzylamino-2-hydroxyalkyl Derivatives as New Potential Disease-Modifying Multifunctional Anti-Alzheimerâ€™s Agents. ACS Chemical Neuroscience, 2018, 9, 1074-1094.	1.7	47
27	Novel Multitarget-Directed Ligands Aiming at Symptoms and Causes of Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2018, 9, 1195-1214.	1.7	44
28	Profiling donepezil template into multipotent hybrids with antioxidant properties. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 583-606.	2.5	44
29	From Pyridinium-based to Centrally Active Acetylcholinesterase Reactivators. Mini-Reviews in Medicinal Chemistry, 2014, 14, 215-221.	1.1	44
30	Amaryllidaceae alkaloids from Narcissus pseudonarcissus L. cv. Dutch Master as potential drugs in treatment of Alzheimer's disease. Phytochemistry, 2019, 165, 112055.	1.4	43
31	Oximes: Inhibitors of Human Recombinant Acetylcholinesterase. A Structure-Activity Relationship (SAR) Study. International Journal of Molecular Sciences, 2013, 14, 16882-16900.	1.8	38
32	Towards understanding the mechanism of action of antibacterial N-alkyl-3-hydroxypyridinium salts: Biological activities, molecular modeling and QSAR studies. European Journal of Medicinal Chemistry, 2016, 121, 699-711.	2.6	37
33	Multi-target-directed therapeutic potential of 7-methoxytacrine-adamantylamine heterodimers in the Alzheimer's disease treatment. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 607-619.	1.8	37
34	Development of 3,5-Dinitrophenyl-Containing 1,2,4-Triazoles and Their Trifluoromethyl Analogues as Highly Efficient Antitubercular Agents Inhibiting Decaprenylphosphoryl-Î²-<scp>d</scp>-ribofuranose 2â€²-Oxidase. Journal of Medicinal Chemistry, 2019, 62, 8115-8139.	2.9	37
35	6-Hydroxyquinolinium salts differing in the length of alkyl side-chain: Synthesis and antimicrobial activity. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5238-5241.	1.0	35
36	7-Methoxytacrine-p-Anisidine Hybrids as Novel Dual Binding Site Acetylcholinesterase Inhibitors for Alzheimerâ€™s Disease Treatment. Molecules, 2015, 20, 22084-22101.	1.7	35

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37	Current approaches to enhancing oxime reactivator delivery into the brain. Toxicology, 2019, 423, 75-83.	2.0	34
38	Preparation of the Pyridinium Salts Differing in the Length of the N-Alkyl Substituent. Molecules, 2010, 15, 1967-1972.	1.7	32
39	Novel Tacrine-Scutellarin Hybrids as Multipotent Anti-Alzheimerâ€™s Agents: Design, Synthesis and Biological Evaluation. Molecules, 2017, 22, 1006.	1.7	32
40	Orexin supplementation in narcolepsy treatment: A review. Medicinal Research Reviews, 2019, 39, 961-975.	5.0	31
41	Recent advances with 5â€HT‹sub›3‹/sub› modulators for neuropsychiatric and gastrointestinal disorders. Medicinal Research Reviews, 2020, 40, 1593-1678.	5.0	30
42	Design, synthesis and in vitro testing of 7-methoxytacrine-amantadine analogues: a novel cholinesterase inhibitors for the treatment of Alzheimerâ€™s disease. Medicinal Chemistry Research, 2015, 24, 2645-2655.	1.1	28
43	Progress in acetylcholinesterase reactivators and in the treatment of organophosphorus intoxication: a patent review (2006â€“2016). Expert Opinion on Therapeutic Patents, 2017, 27, 971-985.	2.4	28
44	Development of 2-Methoxyhuprine as Novel Lead for Alzheimerâ€™s Disease Therapy. Molecules, 2017, 22, 1265.	1.7	26
45	Cholinesterase Inhibitor 6-Chlorotacrine - In Vivo Toxicological Profile and Behavioural Effects. Current Alzheimer Research, 2018, 15, 552-560.	0.7	26
46	Discovery of novel berberine derivatives with balanced cholinesterase and prolyl oligopeptidase inhibition profile. European Journal of Medicinal Chemistry, 2020, 203, 112593.	2.6	24
47	7-Methoxyderivative of tacrine is a â€˜foot-in-the-doorâ€™ open-channel blocker of GluN1/GluN2 and GluN1/GluN3 NMDA receptors with neuroprotective activity in vivo. Neuropharmacology, 2018, 140, 217-232.	2.0	23
48	Exploring Structure-Activity Relationship in Tacrine-Squaramide Derivatives as Potent Cholinesterase Inhibitors. Biomolecules, 2019, 9, 379.	1.8	23
49	In Vitro and In Silico Acetylcholinesterase Inhibitory Activity of Thalictricavine and Canadine and Their Predicted Penetration across the Blood-Brain Barrier. Molecules, 2019, 24, 1340.	1.7	23
50	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
51	Derivatives of the Î²-Crinane Amaryllidaceae Alkaloid Haemanthamine as Multi-Target Directed Ligands for Alzheimerâ€™s Disease. Molecules, 2019, 24, 1307.	1.7	22
52	The wide-spectrum antimicrobial effect of novel N-alkyl monoquaternary ammonium salts and their mixtures; the QSAR study against bacteria. European Journal of Medicinal Chemistry, 2020, 206, 112584.	2.6	22
53	Amiridine-piperazine hybrids as cholinesterase inhibitors and potential multitarget agents for Alzheimer's disease treatment. Bioorganic Chemistry, 2021, 112, 104974.	2.0	22
54	A Systematic Review on Donepezil-based Derivatives as Potential Cholinesterase Inhibitors for Alzheimerâ€™s Disease. Current Medicinal Chemistry, 2019, 26, 5625-5648.	1.2	22

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55	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
56	Amaryllidaceae Alkaloids of Belladine-Type from Narcissus pseudonarcissus cv. Carlton as New Selective Inhibitors of Butyrylcholinesterase. Biomolecules, 2020, 10, 800.	1.8	21
57	(Â±)-BIGI-3h: Pentatarget-Directed Ligand combining Cholinesterase, Monoamine Oxidase, and Glycogen Synthase Kinase 3Î² Inhibition with Calcium Channel Antagonism and Antiaggregating Properties for Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2021, 12, 1328-1342.	1.7	21
58	Effects of novel tacrine-related cholinesterase inhibitors in the reversal of 3-quinuclidinyl benzilate-induced cognitive deficit in rats â€”Is there a potential for Alzheimerâ€™s disease treatment?. Neuroscience Letters, 2016, 612, 261-268.	1.0	20
59	Alkaloids of Zephyranthes citrina (Amaryllidaceae) and their implication to Alzheimer's disease: Isolation, structural elucidation and biological activity. Bioorganic Chemistry, 2021, 107, 104567.	2.0	20
60	Oxime K203: a drug candidate for the treatment of tabun intoxication. Archives of Toxicology, 2019, 93, 673-691.	1.9	19
61	Aromatic Esters of the Crinane Amaryllidaceae Alkaloid Ambelline as Selective Inhibitors of Butyrylcholinesterase. Journal of Natural Products, 2020, 83, 1359-1367.	1.5	19
62	2-Propargylamino-naphthoquinone derivatives as multipotent agents for the treatment of Alzheimerâ€™s disease. European Journal of Medicinal Chemistry, 2021, 211, 113112.	2.6	19
63	In vitro and in silico Evaluation of Non-Quaternary Reactivators of AChE as Antidotes of Organophosphorus Poisoning - a New Hope or a Blind Alley?. Medicinal Chemistry, 2018, 14, 281-292.	0.7	19
64	Common yew intoxication: a case report. Journal of Medical Case Reports, 2014, 8, 4.	0.4	18
65	Donepezil Derivatives Targeting Amyloid-Î² Cascade in Alzheimer's Disease. Current Alzheimer Research, 2019, 16, 772-800.	0.7	18
66	The development of ataxia telangiectasia mutated kinase inhibitors. Mini-Reviews in Medicinal Chemistry, 2014, 14, 1-1.	1.1	18
67	Cholinergic properties ofÂnew 7-methoxytacrine-donepezil derivatives. General Physiology and Biophysics, 2015, 34, 189-200.	0.4	17
68	Ligand-based 3D QSAR analysis of reactivation potency of mono- and bis-pyridinium aldoximes toward VX-inhibited rat acetylcholinesterase. Journal of Molecular Graphics and Modelling, 2015, 56, 113-129.	1.3	17
69	In vitro investigating of anticancer activity of new 7-MEOTA-tacrine heterodimers. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 877-897.	2.5	17
70	Investigation on the effect of alkyl chain linked mono-thioureas as Jack bean urease inhibitors, SAR, pharmacokinetics ADMET parameters and molecular docking studies. Bioorganic Chemistry, 2019, 86, 473-481.	2.0	17
71	Combination of Memantine and 6-Chlorotacrine as Novel Multi-Target Compound against Alzheimerâ€™s Disease. Current Alzheimer Research, 2019, 16, 821-833.	0.7	17
72	Synthesis, inhibition studies against AChE and BChE, drug-like profiling, kinetic analysis and molecular docking studies of N-(4-phenyl-3-aroyl-2(3H)-ylidene) substituted acetamides. Journal of Molecular Structure, 2020, 1203, 127459.	1.8	17

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73	Tacrine â€“ Benzothiazoles: Novel class of potential multitarget anti-AlzheimeÅ•s drugs dealing with cholinergic, amyloid and mitochondrial systems. Bioorganic Chemistry, 2021, 107, 104596.	2.0	17
74	The effects of novel 7-MEOTA-donepezil like hybrids and N-alkylated tacrine analogues in the treatment of quinuclidinyl benzilate-induced behavioural deficits in rats performing the multiple T-maze test. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2015, 159, 547-553.	0.2	17
75	Phenothiazine-Tacrine Heterodimers: Pursuing Multitarget Directed Approach in Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2021, 12, 1698-1715.	1.7	16
76	Rare genetic variability in human drug target genes modulates drug response and can guide precision medicine. Science Advances, 2021, 7, eabi6856.	4.7	16
77	Countermeasures in organophosphorus intoxication: pitfalls and prospects. Trends in Pharmacological Sciences, 2022, 43, 593-606.	4.0	16
78	Synthesis, antimicrobial evaluation and molecular modeling of 5-hydroxyisoquinolinium salt series; the effect of the hydroxyl moiety. Bioorganic and Medicinal Chemistry, 2016, 24, 841-848.	1.4	15
79	Synthesis, inÂvitro screening and molecular docking of isoquinolinium-5-carbaldoximes as acetylcholinesterase and butyrylcholinesterase reactivators. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 478-488.	2.5	15
80	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
81	Discovery of multifunctional anti-Alzheimerâ€™s agents with a unique mechanism of action including inhibition of the enzyme butyrylcholinesterase and l3-aminobutyric acid transporters. European Journal of Medicinal Chemistry, 2021, 218, 113397.	2.6	14
82	Search for multifunctional agents against Alzheimerâ€™s disease among non-imidazole histamine H3 receptor ligands. In vitro and in vivo pharmacological evaluation and computational studies of piperazine derivatives. Bioorganic Chemistry, 2019, 90, 103084.	2.0	13
83	The pathogenic S688Y mutation in the ligand-binding domain of the GluN1 subunit regulates the properties of NMDA receptors. Scientific Reports, 2020, 10, 18576.	1.6	13
84	Current Approaches Against Alzheimer's Disease in Clinical Trials. Journal of the Brazilian Chemical Society, 2016, , .	0.6	12
85	Novel caffeine derivatives with antiproliferative activity. RSC Advances, 2016, 6, 32534-32539.	1.7	12
86	Interaction of synthesized nitrogen enriched graphene quantum dots with novel anti-Alzheimerâ€™s drugs: spectroscopic insights. Journal of Biomolecular Structure and Dynamics, 2020, 38, 1-16.	2.0	12
87	7-phenoxytacrine is a dually acting drug with neuroprotective efficacy in vivo. Biochemical Pharmacology, 2021, 186, 114460.	2.0	12
88	Cysteine-Targeted Insecticides against A. gambiae Acetylcholinesterase Are Neither Selective nor Reversible Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 65-71.	1.3	11
89	Discovery of sustainable drugs for Alzheimer's disease: cardanol-derived cholinesterase inhibitors with antioxidant and anti-amyloid properties. RSC Medicinal Chemistry, 2021, 12, 1154-1163.	1.7	11
90	Small Molecules Targeting Ataxia Telangiectasia and Rad3-Related (ATR) Kinase: An Emerging way to Enhance Existing Cancer Therapy. Current Cancer Drug Targets, 2016, 16, 200-208.	0.8	11

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91	In vitro effects of acetylcholinesterase reactivators on monoamine oxidase activity. Toxicology Letters, 2011, 201, 176-180.	0.4	10
92	HPC Cloud Technologies for Virtual Screening in Drug Discovery. Lecture Notes in Computer Science, 2015, , 440-449.	1.0	10
93	The New Acetylcholinesterase Inhibitors <scp>PC</scp>â€37 and <scp>PC</scp>â€48 (7â€Methoxytacrineâ€Donepezilâ€Like Compounds): Characterization of Their Metabolites in Human Liver Microsomes, Pharmacokinetics and In Vivo Formation of the Major Metabolites in Rats. Basic and Clinical Pharmacology and Toxicology, 2018, 122, 373-382.	1.2	10
94	Bis-Amiridines as Acetylcholinesterase and Butyrylcholinesterase Inhibitors: N-Functionalization Determines the Multitarget Anti-Alzheimerâ€™s Activity Profile. Molecules, 2022, 27, 1060.	1.7	10
95	Preparation of 7â€Methoxy Tacrine Dimer Analogs and Their In vitro/In silico Evaluation as Potential Cholinesterase Inhibitors. Bulletin of the Korean Chemical Society, 2015, 36, 1654-1660.	1.0	9
96	Functionalized aromatic esters of the Amaryllidaceae alkaloid haemanthamine and their in vitro and in silico biological activity connected to Alzheimerâ€™s disease. Bioorganic Chemistry, 2020, 100, 103928.	2.0	9
97	Structure-activity relationships of dually-acting acetylcholinesterase inhibitors derived from tacrine on N-methyl-d-Aspartate receptors. European Journal of Medicinal Chemistry, 2021, 219, 113434.	2.6	9
98	Multi-spectroscopic monitoring of molecular interactions between an amino acid-functionalized ionic liquid and potential anti-Alzheimer's drugs. RSC Advances, 2020, 10, 38873-38883.	1.7	8
99	The Evaluation of Prophylactic Efficacy of Newly Developed Reversible Inhibitors of Acetylcholinesterase in Somanâ€Poisoned Mice â€“ A Comparison with Commonly Used Pyridostigmine. Basic and Clinical Pharmacology and Toxicology, 2014, 115, 571-576.	1.2	7
100	An HPLCâ€“MS method for the quantification of new acetylcholinesterase inhibitor PC 48 (7-MEOTA-donepezil like compound) in rat plasma: Application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1020, 85-89.	1.2	7
101	Development of versatile and potent monoquaternary reactivators of acetylcholinesterase. Archives of Toxicology, 2021, 95, 985-1001.	1.9	7
102	Structure Elucidation and Cholinesterase Inhibition Activity of Two New Minor Amaryllidaceae Alkaloids. Molecules, 2021, 26, 1279.	1.7	7
103	Monoterpene indole alkaloids from Vinca minor L. (Apocynaceae): Identification of new structural scaffold for treatment of Alzheimer's disease. Phytochemistry, 2022, 194, 113017.	1.4	7
104	Bis-isoquinolinium and bis-pyridinium acetylcholinesterase inhibitors: in vitro screening of probes for novel selective insecticides. RSC Advances, 2017, 7, 39279-39291.	1.7	6
105	Investigation of New Orexin 2 Receptor Modulators Using In Silico and In Vitro Methods. Molecules, 2018, 23, 2926.	1.7	6
106	Tacroximes: novel unique compounds for the recovery of organophosphorus-inhibited acetylcholinesterase. Future Medicinal Chemistry, 2019, 11, 2625-2634.	1.1	6
107	Tacrine and its 7-methoxy derivate; time-change concentration in plasma and brain tissue and basic toxicological profile in rats. Drug and Chemical Toxicology, 2021, 44, 207-214.	1.2	6
108	Cholinesterase Research. Biomolecules, 2021, 11, 1121.	1.8	6

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109	Huprines â€" an insight into the synthesis and biological properties. Russian Chemical Reviews, 2020, 89, 999-1039.	2.5	6
110	A Review of the Synthesis of Quaternary Acetylcholinesterase Reactivators. Current Organic Chemistry, 2018, 22, 1619-1648.	0.9	6
111	In vitro effects of acetylcholinesterase inhibitors and reactivators on Complex I of electron transport chain. Neuroendocrinology Letters, 2011, 32, 259-63.	0.2	6
112	Pharmacotherapy of Alzheimerâ€™s Disease: Current State and Future Perspectives. , 2014, , 3-39.		5
113	1-Benzyl-4-methylpiperidinyl moiety in donepezil: The priority ticket across the blood-brain-barrier in rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1092, 350-358.	1.2	5
114	Oxime K074 â€" in vitro and in silico reactivation of acetylcholinesterase inhibited by nerve agents and pesticides. Toxin Reviews, 2020, 39, 157-166.	1.5	5
115	From orexin receptor agonist YNT-185 to novel antagonists with drug-like properties for the treatment of insomnia. Bioorganic Chemistry, 2020, 103, 104179.	2.0	5
116	Effects of Novel Tacrine Derivatives on Mitochondrial Energy Metabolism and Monoamine Oxidase Activityâ€"In Vitro Study. Molecular Neurobiology, 2021, 58, 1102-1113.	1.9	5
117	Design and synthesis of novel tacrineâ€"indole hybrids as potential multitarget-directed ligands for the treatment of Alzheimer's disease. Future Medicinal Chemistry, 2021, 13, 785-804.	1.1	5
118	Huprine Y â€" Tryptophan heterodimers with potential implication to Alzheimerâ€™s disease treatment. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128100.	1.0	5
119	Synthesis and In Vitro Evaluation of Novel Dopamine Receptor D2 3,4-dihydroquinolin-2(1H)-one Derivatives Related to Aripiprazole. Biomolecules, 2021, 11, 1262.	1.8	5
120	Amaryllidaceae Alkaloids of Norbelladine-Type as Inspiration for Development of Highly Selective Butyrylcholinesterase Inhibitors: Synthesis, Biological Activity Evaluation, and Docking Studies. International Journal of Molecular Sciences, 2021, 22, 8308.	1.8	5
121	A Review of the Total Synthesis of (+)-Lactacystin and its Analogs. Current Organic Chemistry, 2015, 19, 1980-2001.	0.9	5
122	N-alkylated Tacrine Derivatives as Potential Agents in Alzheimerâ€™s Disease Therapy. Current Alzheimer Research, 2019, 16, 333-343.	0.7	5
123	Novel D2/5-HT receptor modulators related to cariprazine with potential implication to schizophrenia treatment. European Journal of Medicinal Chemistry, 2022, 232, 114193.	2.6	5
124	Novel Acetylcholinesterase Reactivator â€" Oxime K048 â€" Reactivation Activity In Vitro. Medicinal Chemistry, 2010, 6, 1-5.	0.7	4
125	Novel Cholinesterase Reactivators. , 2015, , 1071-1087.		4
126	Inhibitors of Acetylcholinesterase Derived from 7-Methoxytacrine and Their Effects on the Choline Transporter CHT1. Dementia and Geriatric Cognitive Disorders, 2017, 43, 45-58.	0.7	4

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127	The influence of modulators of acetylcholinesterase on the resistance of mice against soman and on the effectiveness of antidotal treatment of soman poisoning in mice. Journal of Applied Biomedicine, 2018, 16, 10-14.	0.6	4
128	Exploring spectroscopic insights into molecular recognition of potential anti-Alzheimer's drugs within the hydrophobic pockets of Î²-cycloamylose. Journal of Molecular Liquids, 2020, 311, 113269.	2.3	4
129	Derivatives of montanine-type alkaloids and their implication for the treatment of Alzheimer's disease: Synthesis, biological activity and in silico study. Bioorganic and Medicinal Chemistry Letters, 2021, 51, 128374.	1.0	4
130	The Evaluation of Benefit of Newly Prepared Reversible Inhibitors of Acetylcholinesterase and Commonly Used Pyridostigmine as Pharmacological Pretreatment of Soman-Poisoned Mice. Acta Medica (Hradec Kralove), 2017, 60, 37-43.	0.2	4
131	Pursuing the Complexity of Alzheimerâ€™s Disease: Discovery of Fluoren-9-Amines as Selective Butyrylcholinesterase Inhibitors and N-Methyl-d-Aspartate Receptor Antagonists. Biomolecules, 2021, 11, 3.	1.8	4
132	Alkaloids of Dicranostigma franchetianum (Papaveraceae) and Berberine Derivatives as a New Class of Antimycobacterial Agents. Biomolecules, 2022, 12, 844.	1.8	4
133	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
134	Variable Elimination Approaches for Data-Noise Reduction in 3D QSAR Calculations. Lecture Notes in Computer Science, 2015, , 313-325.	1.0	3
135	Synthesis of New Biscoumarin Derivatives, In Vitro Cholinesterase Inhibition, Molecular Modelling and Antiproliferative Effect in A549 Human Lung Carcinoma Cells. International Journal of Molecular Sciences, 2021, 22, 3830.	1.8	3
136	7-Azaindole, 2,7-diazaindole, and 1H-pyrazole as core structures for novel anticancer agents with potential chemosensitizing properties. European Journal of Medicinal Chemistry, 2022, 240, 114580.	2.6	3
137	Purin-6-one and pyrrolo[2,3-d]pyrimidin-4-one derivatives as potentiating agents of doxorubicin cytotoxicity. Future Medicinal Chemistry, 2018, 10, 2029-2038.	1.1	2
138	Novel quinazolin-4-one derivatives as potentiating agents of doxorubicin cytotoxicity. Bioorganic Chemistry, 2019, 82, 204-210.	2.0	2
139	HLÃ¶-7 - A REVIEW OF ACETYLCHOLINESTERASE REACTIVATOR AGAINST ORGANOPHOSPHOROUS INTOXICATION. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2017, 86, 70-83.	0.2	2
140	PRO-COGNITIVE EFFECT OF BIS(7)-TACRINE AS POTENTIAL THERAPEUTIC AGENT AGAINST NEURODEGENERATIVE DISORDERS. Military Medical Science Letters (Vojenske Zdravotnicke Listy), 2018, 87, 34-44.	0.2	2
141	SEARCHING FOR NEW ANTIMICROBIAL AGENTS BYÂTARGETING BACTERIAL NAD METABOLISM: EVALUATION OF FRENTIZOLE DERIVATIVES SELECTED BY MOLECULAR DOCKING. Military Medical Science Letters (Vojenske) Tj ETQq1 1 0.784314 rgBT	0.2	1
142	Editorial: Multi Target - Directed Ligands in the Treatment of Alzheimerâ€™s Disease. Current Alzheimer Research, 2019, 16, 771-771.	0.7	1
143	Dose Dependent Prophylactic Efficacy of 6-Chlorotacrine in Soman-Poisoned Mice. Acta Medica (Hradec Kralove), 2017, 60, 140-145.	0.2	1
144	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

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145	Inside Front Cover Image, Volume 40, Issue 5. Medicinal Research Reviews, 2020, 40, ii.	5.0	0
146	Review of Synthetic Approaches to Dizocilpine. Current Organic Chemistry, 2021, 25, 580-600.	0.9	0
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