

Zekiye Tuba Tuylu Kucukkiline

List of Publications by Year in descending order

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36
papers

616
citations

687363

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37
times ranked

906
citing authors

#	ARTICLE	IF	CITATIONS
1	A review: Biologically active 3,4-heterocycle-fused coumarins. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113034.	5.5	61
2	Design, synthesis and evaluation of novel multi-target-directed ligands for treatment of Alzheimer's disease based on coumarin and lipoic acid scaffolds. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 600-614.	5.5	59
3	Oxime-assisted Acetylcholinesterase Catalytic Scavengers of Organophosphates That Resist Aging. <i>Journal of Biological Chemistry</i> , 2011, 286, 29718-29724.	3.4	49
4	Multi-site inhibition of human plasma cholinesterase by cationic phenoxazine and phenothiazine dyes. <i>Archives of Biochemistry and Biophysics</i> , 2007, 461, 294-298.	3.0	45
5	Synthesis, molecular modeling and evaluation of novel N-2-(4-benzylpiperidin/piperazin-1-yl)acylhydrazone derivatives as dual inhibitors for cholinesterases and A β aggregation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 440-443.	2.2	36
6	Novel 3-phenylcoumarin-lipoic acid conjugates as multi-functional agents for potential treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2018, 79, 223-234.	4.1	34
7	Novel multi-targeted agents for Alzheimer's disease: Synthesis, biological evaluation, and molecular modeling of novel 2-[4-(4-substitutedpiperazin-1-yl)phenyl]benzimidazoles. <i>Bioorganic Chemistry</i> , 2017, 72, 208-214.	4.1	31
8	Design, Synthesis and <i>In Vitro</i> Study of 5,6-Diaryl-1,2,4-triazine-3-ylthioacetate Derivatives as COX-2 and A β Amyloid Aggregation Inhibitors. <i>Archiv Der Pharmazie</i> , 2015, 348, 179-187.	4.1	29
9	Design, synthesis and biological activity of novel tacrine-isatin Schiff base hybrid derivatives. <i>Bioorganic Chemistry</i> , 2019, 89, 103006.	4.1	29
10	Synthesis and biological evaluation of new N-benzylpyridinium-based benzoheterocycles as potential anti-Alzheimer's agents. <i>Bioorganic Chemistry</i> , 2019, 83, 559-568.	4.1	27
11	Highly fluorinated graphene oxide nanosheets for anticancer linoleic-curcumin conjugate delivery and T2-Weighted magnetic resonance imaging: In vitro and in vivo studies. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101967.	3.0	22
12	Synthesis and neuroprotective activity of novel 1,2,4-triazine derivatives with ethyl acetate moiety against H ₂ O ₂ and A β ² -induced neurotoxicity. <i>Medicinal Chemistry Research</i> , 2017, 26, 3057-3071.	2.4	16
13	Synthesis and cholinesterase inhibitory activity of new 2-benzofuran carboxamide-benzylpyridinium salts. <i>Bioorganic Chemistry</i> , 2018, 80, 180-188.	4.1	15
14	Chromone-lipoic acid conjugate: Neuroprotective agent having acceptable butyrylcholinesterase inhibition, antioxidant and copper-chelation activities. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 23-38.	2.0	15
15	New classes of carbazoles as potential multi-functional anti-Alzheimer's agents. <i>Bioorganic Chemistry</i> , 2019, 91, 103164.	4.1	14
16	Inhibition of human plasma cholinesterase by malachite green and related triarylmethane dyes: Mechanistic implications. <i>Archives of Biochemistry and Biophysics</i> , 2005, 440, 118-122.	3.0	13
17	Design, synthesis, and biological evaluation of novel indanone-based hybrids as multifunctional cholinesterase inhibitors for Alzheimer's disease. <i>Journal of Molecular Structure</i> , 2021, 1229, 129787.	3.6	13
18	1,2-Diaryl-2-hydroxyiminoethanones as Dual COX-1 and A β Amyloid Aggregation Inhibitors: Biological Evaluation and <i>In Silico</i> Study. <i>Chemical Biology and Drug Design</i> , 2015, 85, 494-503.	3.2	12

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19	3-Aryl Coumarin Derivatives Bearing Aminoalkoxy Moiety as Multi-Target Directed Ligands against Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800436.	2.1	11
20	Discovery of novel 1,2,4-triazolo-1,2,4-triazines with thiomethylpyridine hinge binders as potent c-Met kinase inhibitors. <i>Future Medicinal Chemistry</i> , 2019, 11, 1119-1136.	2.3	10
21	Inhibition of electric eel acetylcholinesterase by triarylmethane dyes. <i>Chemico-Biological Interactions</i> , 2008, 175, 309-311.	4.0	9
22	Novel 2-Arylbenzimidazole derivatives as multi-targeting agents to treat Alzheimer's disease. <i>Medicinal Chemistry Research</i> , 2017, 26, 1506-1515.	2.4	9
23	Low-dose bisphenol A induces RIPK1-mediated necroptosis in SH-SY5Y cells: Effects on TNF and acetylcholinesterase. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22233.	3.0	9
24	Synthesis and Anticancer Activity of Benzimidazole/Benzoxazole Substituted Triazolotriazines in Hepatocellular Carcinoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 19, 2120-2129.	1.7	9
25	Synthesis, molecular docking, and biological evaluation of novel 2-pyrazoline derivatives as multifunctional agents for the treatment of Alzheimer's disease. <i>MedChemComm</i> , 2019, 10, 1018-1026.	3.4	8
26	Hybridization-based design of novel anticholinesterase indanone-carbamates for Alzheimer's disease: Synthesis, biological evaluation, and docking studies. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000453.	4.1	7
27	Investigating the structural influence of surface mutations on acetylcholinesterase inhibition by organophosphorus compounds and oxime reactivation. <i>Chemico-Biological Interactions</i> , 2010, 187, 238-240.	4.0	5
28	Synthesis of New 3-Arylcoumarins Bearing N-Benzyl Triazole Moiety: Dual Lipoygenase and Butyrylcholinesterase Inhibitors With Anti-Amyloid Aggregation and Neuroprotective Properties Against Alzheimer's Disease. <i>Frontiers in Chemistry</i> , 2021, 9, 810233.	3.6	5
29	Novel Coumarin-Pyridine Hybrids as Potent Multi-Target Directed Ligands Aiming at Symptoms of Alzheimer's Disease. <i>Frontiers in Chemistry</i> , 0, 10, .	3.6	5
30	Novel benzofurane carbonyl analogs of donepezil as acetylcholinesterase inhibitors. <i>Journal of Molecular Structure</i> , 2022, 1264, 133193.	3.6	4
31	Design and Synthesis of 2-Substitutedphenyl Benzo[D]Thiazole Derivatives and Their β -Amyloid Aggregation and Cholinesterase Inhibitory Activities. <i>Pharmaceutical Chemistry Journal</i> , 2019, 53, 322-328.	0.8	2
32	In Vitro and In Silico Determination of Some N-ferrocenylmethylaniline Derivatives as Anti-Proliferative Agents Against MCF-7 Human Breast Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1426-1437.	1.7	2
33	Synthesis and Biological Assessment of 2-Hydroxyiminoethanones as Anti-Inflammatory and β -Amyloid Aggregation Inhibitors. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 1288-1298.	0.5	1
34	Usage potential of acetylcholinesterase as a bioscavenger in organophosphate poisoning. <i>Turkish Journal of Biochemistry</i> , 2014, 39, 126-131.	0.5	0
35	Combined effect of fulvestrant and low dose BPA: comparative implications on EMT, apoptosis, and TGF- β 1 signaling in HepG2 cells. <i>Drug and Chemical Toxicology</i> , 2021, , 1-7.	2.3	0
36	Neurotoxic effects of bisphenol A on SH-SY5Y neuroblastoma cells via nitric oxide. <i>Journal of Research in Pharmacy</i> , 2019, 23, 354-359.	0.2	0