## CITATION REPORT List of articles citing

Accurate prediction of the bound conformation of galanthamine in the active site of Torpedo californica acetylcholinesterase using molecular docking

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#	Paper	IF	Citations
45	Galanthamine as bis-functional ligand for the acetylcholinesterase. <i>Journal of Molecular Modeling</i> , <b>2002</b> , 8, 208-16	2	24
44	Acetylcholinesterase: a multifaceted target for structure-based drug design of anticholinesterase agents for the treatment of Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , <b>2003</b> , 20, 369-83	3.3	85
43	QSAR modeling using chirality descriptors derived from molecular topology. <i>Journal of Chemical Information and Computer Sciences</i> , <b>2003</b> , 43, 144-54		89
42	Quantum mechanical/molecular mechanical (QM/MM) docking: an evaluation for known test systems. <i>Molecular Physics</i> , <b>2003</b> , 101, 2469-2480	1.7	32
41	Conformational Analysis and Docking Study of Potent Acetylcholinesterase Inhibitors Having a Benzylamine Moiety. <i>Chem-Bio Informatics Journal</i> , <b>2003</b> , 3, 46-57	0.8	1
40	Two- and three-dimensional QSAR of carrier-mediated transport of beta-lactam antibiotics in Caco-2 cells. <i>Journal of Pharmaceutical Sciences</i> , <b>2004</b> , 93, 3057-65	3.9	17
39	Design and activity of cationic fullerene derivatives as inhibitors of acetylcholinesterase. <i>Organic and Biomolecular Chemistry</i> , <b>2006</b> , 4, 2556-62	3.9	50
38	A QXP-based multistep docking procedure for accurate prediction of protein-ligand complexes. <i>Journal of Chemical Information and Modeling</i> , <b>2006</b> , 46, 1174-87	6.1	13
37	Nicotinic cholinergic modulation: galantamine as a prototype. <i>CNS Neuroscience &amp; Therapeutics</i> , <b>2002</b> , 8, 405-26		39
36	Structural features of neutral and protonated galanthamine: A crystallographic database and computational investigation. <i>Chemical Physics</i> , <b>2006</b> , 328, 307-317	2.3	8
35	Investigation of the binding mode of (-)-meptazinol and bis-meptazinol derivatives on acetylcholinesterase using a molecular docking method. <i>Journal of Molecular Modeling</i> , <b>2006</b> , 12, 390-7	2	18
34	Targeting acetylcholinesterase to treat neurodegeneration. <i>Expert Opinion on Therapeutic Targets</i> , <b>2007</b> , 11, 161-79	6.4	132
33	Design, synthesis and evaluation of galanthamine derivatives as acetylcholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 772-84	6.8	55
32	Galantamine inhibits beta-amyloid aggregation and cytotoxicity. <i>Journal of the Neurological Sciences</i> , <b>2009</b> , 280, 49-58	3.2	74
31	In silico modeling of the specific inhibitory potential of thiophene-2,3-dihydro-1,5-benzothiazepine against BChE in the formation of beta-amyloid plaques associated with Alzheimer's disease. <i>Theoretical Biology and Medical Modelling</i> , <b>2010</b> , 7, 22	2.3	20
30	Probing Torpedo californica acetylcholinesterase catalytic gorge with two novel bis-functional galanthamine derivatives. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 745-51	8.3	39
29	Targeting acetylcholinesterase: identification of chemical leads by high throughput screening, structure determination and molecular modeling. <i>PLoS ONE</i> , <b>2011</b> , 6, e26039	3.7	45

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28	Exploring the conformation, charge density distribution and the electrostatic properties of galanthamine molecule in the active site of AChE using DFT and AIM theory. <i>International Journal of Quantum Chemistry</i> , <b>2013</b> , 113, 1200-1208	2.1	7
27	Research Strategies Developed for the Treatment of Alzheimer Disease. Reversible and Pseudo-Irreversible Inhibitors of Acetylcholinesterase: Structure-Activity Relationships and Drug Design. <b>2014</b> , 426-477		1
26	QSAR, docking, dynamic simulation and quantum mechanics studies to explore the recognition properties of cholinesterase binding sites. <i>Chemico-Biological Interactions</i> , <b>2014</b> , 209, 1-13	5	27
25	Acetylcholinesterase inhibitory activity and molecular docking study of 1-nitro-2-phenylethane, the main constituent of Aniba canelilla essential oil. <i>Chemical Biology and Drug Design</i> , <b>2014</b> , 84, 192-8	2.9	13
24	Effect of reversible ligands on oxime-induced reactivation of sarin- and cyclosarin-inhibited human acetylcholinesterase. <i>Toxicology Letters</i> , <b>2015</b> , 232, 557-65	4.4	4
23	A combined molecular docking and charge density analysis is a new approach for medicinal research to understand drug-receptor interaction: curcumin-AChE model. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 225, 21-31	5	21
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20	Anti-choline esterase activity of ceramides from the Red Sea marine sponge Mycale euplectellioides. <i>RSC Advances</i> , <b>2016</b> , 6, 20422-20430	3.7	15
19	Biochemical efficacy, molecular docking and inhibitory effect of 2, 3-dimethylmaleic anhydride on insect acetylcholinesterase. <i>Scientific Reports</i> , <b>2017</b> , 7, 12483	4.9	13
18	Design, synthesis and biological evaluation of 1,3-dihydroxyxanthone derivatives: Effective agents against acetylcholinesterase. <i>Bioorganic Chemistry</i> , <b>2017</b> , 75, 201-209	5.1	8
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16	Studies on the interaction mechanisms of Garcinia kolaviron constituents with selected diabetes and neurodegenerative disease targets. <i>Journal of Proteins and Proteomics</i> , <b>2019</b> , 10, 221-234	1.8	2
15	Chemical profile of Lippia thymoides, evaluation of the acetylcholinesterase inhibitory activity of its essential oil, and molecular docking and molecular dynamics simulations. <i>PLoS ONE</i> , <b>2019</b> , 14, e0213393	<sub>3</sub> 3.7	23
14	Insights into the inhibitory mechanism and molecular interaction of novel alkaloids from Beilschmiedia glabra with lipoxygenase and acetylcholinesterase. <i>Journal of Theoretical and Computational Chemistry</i> , <b>2019</b> , 18, 1950038	1.8	
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12	Binding interaction of allethrin with esterase: Bioremediation potential and mechanism. <i>Bioresource Technology</i> , <b>2020</b> , 315, 123845	11	68
11	Design and Development of Cholinesterase Dual Inhibitors towards Alzheimer's Disease Treatment: A Focus on Recent Contributions from Computational and Theoretical Perspective. <i>ChemistrySelect</i> , <b>2020</b> , 5, 14136-14152	1.8	4

10	Identification of thelimost potent acetylcholinesterase inhibitors from plants for possible treatment of Alzheimer disease: a computational approach. <i>Egyptian Journal of Medical Human Genetics</i> , <b>2021</b> , 22,	2	3
9	Leveraging hallmark Alzheimer's molecular targets using phytoconstituents: Current perspective and emerging trends. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 139, 111634	7.5	O
8	Synthesis of a Series of Novel 2-Amino-5-Substituted 1,3,4-oxadiazole and 1,3,4-thiadiazole Derivatives as Potential Anticancer, Antifungal and Antibacterial Agents. <i>Medicinal Chemistry</i> , <b>2021</b> ,	1.8	7
7	Synthesis, structural properties and potent bioactivities supported by molecular docking and DFT studies of new hydrazones derived from 5-chloroisatin and 2-thiophenecarboxaldehyde. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1246, 131204	3.4	2
6	Acetylcholinesterase inhibitors: pharmacology and toxicology. <i>Current Neuropharmacology</i> , <b>2013</b> , 11, 315-35	7.6	1213
5	Development of kNN QSAR Models for 3-Arylisoquinoline Antitumor Agents. <i>Bulletin of the Korean Chemical Society</i> , <b>2011</b> , 32, 2397-2404	1.2	24
4	Cholinesterases, a target of pharmacology and toxicology. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2011</b> , 155, 219-29	1.7	214
3	The Amaryllidaceae alkaloids: an untapped source of acetylcholinesterase inhibitors. <i>Phytochemistry Reviews</i> , 1	7.7	1
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1	Some Thiocyanate Containing Heterocyclic Compounds: Synthesis, Bioactivity and Molecular Docking Study. <b>2023</b> , 8,		O