Mariyana Atanasova

List of Publications by Year
in descending order

22	430	840776 11	713466 21
papers	citations	h-index	g-index

22	22	22	659
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Galantamine derivatives with indole moiety: Docking, design, synthesis and acetylcholinesterase inhibitory activity. Bioorganic and Medicinal Chemistry, 2015, 23, 5382-5389.	3.0	67
2	QSAR analysis of 1,4-dihydro-4-oxo-1-(2-thiazolyl)-1,8-naphthyridines with anticancer activity. European Journal of Medicinal Chemistry, 2007, 42, 1184-1192.	5.5	65
3	EpiDOCK: a molecular docking-based tool for MHC class II binding prediction. Protein Engineering, Design and Selection, 2013, 26, 631-634.	2.1	51
4	Curcumin Inhibits the Primary Nucleation of Amyloid-Beta Peptide: A Molecular Dynamics Study. Biomolecules, 2020, 10, 1323.	4.0	36
5	Novel hits for acetylcholinesterase inhibition derived by docking-based screening on ZINC database. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 768-776.	5.2	32
6	Molecular Docking Study on Galantamine Derivatives as Cholinesterase Inhibitors. Molecular Informatics, 2015, 34, 394-403.	2.5	24
7	Galantamine-Curcumin Hybrids as Dual-Site Binding Acetylcholinesterase Inhibitors. Molecules, 2020, 25, 3341.	3.8	19
8	A Novel Galantamine-Curcumin Hybrid as a Potential Multi-Target Agent against Neurodegenerative Disorders. Molecules, 2021, 26, 1865.	3.8	19
9	HLAâ€DP2 binding prediction by molecular dynamics simulations. Protein Science, 2011, 20, 1918-1928.	7.6	16
10	Docking-based Design of Galantamine Derivatives with Dual-site Binding to Acetylcholinesterase. Molecular Informatics, 2016, 35, 278-285.	2.5	16
11	Cellular polyamines condense hyperphosphorylated Tau, triggering Alzheimerâ€™s disease. Scientific Reports, 2020, 10, 10098.	3.3	12
12	Design, Synthesis, and Antimycobacterial Activity of Novel Theophyllineâ€7â€Acetic Acid Derivatives With Amino Acid Moieties. Chemical Biology and Drug Design, 2016, 87, 335-341.	3.2	11
13	Bone protective effects of purified extract from Ruscus aculeatus on ovariectomy-induced osteoporosis in rats. Food and Chemical Toxicology, 2019, 132, 110668.	3.6	11
14	Effects of Curcumin and Ferulic Acid on the Folding of Amyloid-Î² Peptide. Molecules, 2021, 26, 2815.	3.8	10
15	Virtual Screening and Hit Selection of Natural Compounds as Acetylcholinesterase Inhibitors. Molecules, 2022, 27, 3139.	3.8	10
16	Discovery of a Novel Acetylcholinesterase Inhibitor by Fragment-Based Design and Virtual Screening. Molecules, 2021, 26, 2058.	3.8	9
17	A Cohesive and Integrated Platform for Immunogenicity Prediction. Methods in Molecular Biology, 2016, 1404, 761-770.	0.9	6
18	Galantamine Derivatives as Acetylcholinesterase Inhibitors: Docking, Design, Synthesis, and Inhibitory Activity. Neuromethods, 2018, , 163-176.	0.3	6

#	Article	IF	Citations
19	The Amaryllidaceae alkaloids: an untapped source of acetylcholinesterase inhibitors. Phytochemistry Reviews, 2022, 21, 1415-1443.	6.5	6
20	A Galantamineâ€“Curcumin Hybrid Decreases the Cytotoxicity of Amyloid-Beta Peptide on SH-SY5Y Cells. International Journal of Molecular Sciences, 2021, 22, 7592.	4.1	3
21	Beneficial effects of the fructus Sophorae extract on experimentally induced osteoporosis in New Zealand white rabbits. Acta Pharmaceutica, 2022, 72, 289-302.	2.0	1
22	Substrate â€“ Inositol Transporter Interactions: Molecular Docking Study. Letters in Drug Design and Discovery, 2015, 12, 622-627.	0.7	0