Ozden Tacal

List of Publications by Year
in descending order

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31	328	840119 11	887659 17
papers	citations	h-index	g-index

31	31	31	491
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trafficking and proteolytic processing of amyloid precursor protein and secretases in Alzheimer's disease development: An up-to-date review. European Journal of Pharmacology, 2019, 856, 172415.	1.7	64
2	The prolineâ€rich tetramerization peptides in equine serum butyrylcholinesterase. FEBS Journal, 2012, 279, 3844-3858.	2.2	29
3	Comparative effects of cationic triarylmethane, phenoxazine and phenothiazine dyes on horse serum butyrylcholinesterase. Archives of Biochemistry and Biophysics, 2008, 478, 201-205.	1.4	23
4	Effects of phenothiazine-structured compounds on APP processing in Alzheimer's disease cellular model. Biochimie, 2017, 138, 82-89.	1.3	17
5	Method Dependence of Apparent Stoichiometry in the Binding of Salicylate Ion to Human Serum Albumin: A Comparison between Equilibrium Dialysis and Fluorescence Titration. Analytical Biochemistry, 2001, 294, 1-6.	1.1	16
6	Hupresin Retains Binding Capacity for Butyrylcholinesterase and Acetylcholinesterase after Sanitation with Sodium Hydroxide. Frontiers in Pharmacology, 2017, 8, 713.	1.6	15
7	Polyproline tetramer organizing peptides in fetal bovine serum acetylcholinesterase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 745-753.	1.1	14
8	Mass Spectral Detection of Diethoxyphospho-Tyrosine Adducts on Proteins from HEK293 Cells Using Monoclonal Antibody depY for Enrichment. Chemical Research in Toxicology, 2018, 31, 520-530.	1.7	14
9	Toluidine blue O is a potent inhibitor of human cholinesterases. Archives of Biochemistry and Biophysics, 2016, 604, 57-62.	1.4	12
10	Use of Hupresin To Capture Red Blood Cell Acetylcholinesterase for Detection of Soman Exposure. Analytical Chemistry, 2018, 90, 974-979.	3.2	12
11	Adduct-forming tendencies of cationic triarylmethane dyes with proteins: Metabolic and toxicological implications. Journal of Biochemical and Molecular Toxicology, 2004, 18, 253-256.	1.4	11
12	Methamidophos, dichlorvos, Oâ€methoate and diazinon pesticides used in Turkey make a covalent bond with butyrylcholinesterase detected by mass spectrometry. Journal of Applied Toxicology, 2010, 30, 469-475.	1.4	11
13	Toluidine blue O modifies hippocampal amyloid pathology in a transgenic mouse model of Alzheimer's disease. Biochimie, 2018, 146, 105-112.	1.3	11
14	Determination of binding points of methylene blue and cationic phenoxazine dyes on human butyrylcholinesterase. Archives of Biochemistry and Biophysics, 2013, 532, 32-38.	1.4	10
15	Azure B affects amyloid precursor protein metabolism in PS70â€¯cells. Chemico-Biological Interactions, 2019, 299, 88-93.	1.7	8
16	The role of Phe329 in binding of cationic triarylmethane dyes to human butyrylcholinesterase. Archives of Biochemistry and Biophysics, 2011, 511, 64-68.	1.4	6
17	Rabbit Antidiethoxyphosphotyrosine Antibody, Made by Single B Cell Cloning, Detects Chlorpyrifos Oxon-Modified Proteins in Cultured Cells and Immunopurifies Modified Peptides for Mass Spectrometry. Journal of Proteome Research, 2021, 20, 4728-4745.	1.8	6
18	Butyrylcholinesterase in SH-SY5Y human neuroblastoma cells. NeuroToxicology, 2022, 90, 1-9.	1.4	6

#	Article	IF	Citations
19	Healthy F-16 pilots show no evidence of exposure to tri-ortho-cresyl phosphate through the on-board oxygen generating system. Chemico-Biological Interactions, 2014, 215, 69-74.	1.7	5
20	Inhibition of choline oxidase by quinoid dyes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 783-787.	2.5	4
21	Monoclonal Antibody That Recognizes Diethoxyphosphotyrosine-Modified Proteins and Peptides Independent of Surrounding Amino Acids. Chemical Research in Toxicology, 2017, 30, 2218-2228.	1.7	4
22	Delipidation of Plasma Has Minimal Effects on Human Butyrylcholinesterase. Frontiers in Pharmacology, 2018, 9, 117.	1.6	4
23	Characteristic fragment ions associated with dansyl cadaverine and biotin cadaverine adducts on glutamine. Analytical Biochemistry, 2020, 600, 113718.	1.1	4
24	Chlorpyrifos Oxon-Induced Isopeptide Bond Formation in Human Butyrylcholinesterase. Molecules, 2020, 25, 533.	1.7	4
25	Inhibition of cholinesterases by safranin O: Integration of inhibition kinetics with molecular docking simulations. Archives of Biochemistry and Biophysics, 2021, 698, 108728.	1.4	4
26	Chlorpyrifos oxon crosslinking of amyloid beta 42 peptides is a new route for generation of self-aggregating amyloidogenic oligomers that promote Alzheimer's disease. Chemico-Biological Interactions, 2022, 363, 110029.	1.7	4
27	The kinetics of inhibition of human acetylcholinesterase and butyrylcholinesterase by methylene violet 3RAX. Chemico-Biological Interactions, 2019, 314, 108845.	1.7	3
28	Effects of toluidine blue O and methylene blue on growth and viability of pancreatic cancer cells. Drug Development Research, 2022, , .	1.4	3
29	An assessment of the role of intracellular reductive capacity in the biological clearance of triarylmethane dyes. Journal of Hazardous Materials, 2007, 149, 518-522.	6.5	2
30	A comparison between SDS-PAGE and size exclusion chromatography as analytical methods for determining product composition in protein conjugation reactions. Journal of Proteomics, 2002, 52, 161-168.	2.4	1
31	Resistance of Human Butyrylcholinesterase to Methylene Blueâ€Catalyzed Photoinactivation; Mass Spectrometry Analysis of Oxidation Products. Photochemistry and Photobiology, 2013, 89, 336-348.	1.3	1