

Ozden Tacal

List of Publications by Year in descending order

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31
papers

328
citations

840119

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887659

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31
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491
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of toluidine blue O and methylene blue on growth and viability of pancreatic cancer cells. Drug Development Research, 2022, , . | 1.4 | 3 |
| 2 | Butyrylcholinesterase in SH-SY5Y human neuroblastoma cells. NeuroToxicology, 2022, 90, 1-9. | 1.4 | 6 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Characteristic fragment ions associated with dansyl cadaverine and biotin cadaverine adducts on glutamine. Analytical Biochemistry, 2020, 600, 113718. | 1.1 | 4 |
| 7 | Chlorpyrifos Oxon-Induced Isopeptide Bond Formation in Human Butyrylcholinesterase. Molecules, 2020, 25, 533. | 1.7 | 4 |
| 8 | The kinetics of inhibition of human acetylcholinesterase and butyrylcholinesterase by methylene violet 3RAX. Chemico-Biological Interactions, 2019, 314, 108845. | 1.7 | 3 |
| 9 | 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 |
| 10 | Azure B affects amyloid precursor protein metabolism in PS70 cells. Chemico-Biological Interactions, 2019, 299, 88-93. | 1.7 | 8 |
| 11 | Use of Hupresin To Capture Red Blood Cell Acetylcholinesterase for Detection of Soman Exposure. Analytical Chemistry, 2018, 90, 974-979. | 3.2 | 12 |
| 12 | Toluidine blue O modifies hippocampal amyloid pathology in a transgenic mouse model of Alzheimer's disease. Biochimie, 2018, 146, 105-112. | 1.3 | 11 |
| 13 | 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 |
| 14 | Delipidation of Plasma Has Minimal Effects on Human Butyrylcholinesterase. Frontiers in Pharmacology, 2018, 9, 117. | 1.6 | 4 |
| 15 | Effects of phenothiazine-structured compounds on APP processing in Alzheimer's disease cellular model. Biochimie, 2017, 138, 82-89. | 1.3 | 17 |
| 16 | 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 |
| 17 | Hupresin Retains Binding Capacity for Butyrylcholinesterase and Acetylcholinesterase after Sanitation with Sodium Hydroxide. Frontiers in Pharmacology, 2017, 8, 713. | 1.6 | 15 |
| 18 | Toluidine blue O is a potent inhibitor of human cholinesterases. Archives of Biochemistry and Biophysics, 2016, 604, 57-62. | 1.4 | 12 |

| # | 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. <i>Chemico-Biological Interactions</i> , 2014, 215, 69-74. | 1.7 | 5 |
| 20 | Polyproline tetramer organizing peptides in fetal bovine serum acetylcholinesterase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 745-753. | 1.1 | 14 |
| 21 | Determination of binding points of methylene blue and cationic phenoxazine dyes on human butyrylcholinesterase. <i>Archives of Biochemistry and Biophysics</i> , 2013, 532, 32-38. | 1.4 | 10 |
| 22 | Resistance of Human Butyrylcholinesterase to Methylene Blueâ€Catalyzed Photoinactivation; Mass Spectrometry Analysis of Oxidation Products. <i>Photochemistry and Photobiology</i> , 2013, 89, 336-348. | 1.3 | 1 |
| 23 | The prolineâ€Crich tetramerization peptides in equine serum butyrylcholinesterase. <i>FEBS Journal</i> , 2012, 279, 3844-3858. | 2.2 | 29 |
| 24 | The role of Phe329 in binding of cationic triarylmethane dyes to human butyrylcholinesterase. <i>Archives of Biochemistry and Biophysics</i> , 2011, 511, 64-68. | 1.4 | 6 |
| 25 | Methamidophos, dichlorvos, <i>O</i>-methoate and diazinon pesticides used in Turkey make a covalent bond with butyrylcholinesterase detected by mass spectrometry. <i>Journal of Applied Toxicology</i> , 2010, 30, 469-475. | 1.4 | 11 |
| 26 | Comparative effects of cationic triarylmethane, phenoxazine and phenothiazine dyes on horse serum butyrylcholinesterase. <i>Archives of Biochemistry and Biophysics</i> , 2008, 478, 201-205. | 1.4 | 23 |
| 27 | An assessment of the role of intracellular reductive capacity in the biological clearance of triarylmethane dyes. <i>Journal of Hazardous Materials</i> , 2007, 149, 518-522. | 6.5 | 2 |
| 28 | Inhibition of choline oxidase by quinoid dyes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2006, 21, 783-787. | 2.5 | 4 |
| 29 | Adduct-forming tendencies of cationic triarylmethane dyes with proteins: Metabolic and toxicological implications. <i>Journal of Biochemical and Molecular Toxicology</i> , 2004, 18, 253-256. | 1.4 | 11 |
| 30 | A comparison between SDS-PAGE and size exclusion chromatography as analytical methods for determining product composition in protein conjugation reactions. <i>Journal of Proteomics</i> , 2002, 52, 161-168. | 2.4 | 1 |
| 31 | Method Dependence of Apparent Stoichiometry in the Binding of Salicylate Ion to Human Serum Albumin: A Comparison between Equilibrium Dialysis and Fluorescence Titration. <i>Analytical Biochemistry</i> , 2001, 294, 1-6. | 1.1 | 16 |