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A new and rapid colorimetric determination of acetylcholinesterase activity

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2229	Rational Design and Multibiological Profiling of Novel DonepezilTrolox Hybrids against Alzheimers Disease, with Cholinergic, Antioxidant, Neuroprotective, and Cognition Enhancing Properties.		
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2227	.		
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2225	Cysteine-Targeted Insecticides against A. gambiae Acetylcholinesterase Are Neither Selective nor Reversible Inhibitors.		
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- 728 Zamamiphidins B and C, Manzamine-Related Alkaloids from an Amphimedon sp. Marine Sponge Collected in Okinawa. **2022**, 85, 2226-2231 0
- 727 Photolytic degradation of novel polymeric and monomeric brominated flame retardants: Investigation of endocrine disruption, physiological and ecotoxicological effects. **2022**, 120317 0
- 726 Interaction of Imidazo[4,5-a]Acridines with Acetylcholinesterase. 0
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- 712 Polydatin Increases Lifespan and Rescue Lead-induced Behavioural Deficits, Inflammatory and Oxidative Damage in *Drosophila melanogaster* Harwich Strain.. 0
- 711 Ethnomedicinal Plants with Protective Effects against Beta-Amyloid Peptide (A β)1-42 Indicate Therapeutic Potential in a New In Vivo Model of Alzheimerâs Disease. **2022**, 11, 1865 1

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709	Efficacy of hydroethanolic extract of <i>Randia aculeata</i> seed against the southern cattle tick <i>Rhipicephalus (Boophilus) microplus</i> (Acari: Ixodidae) on naturally infested cattle under field conditions.	o
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705	Novel 3-phenyl-1- (alkylphenyl)-9-oxa-4-azaphenanthren-10-ones as inhibitors of some enzymes: synthesis, characterization, biological evaluation and molecular docking studies. 1-17	o
704	Enzyme inhibitory activity of <i>Dioscorea nipponica</i> Makito hydroethanolic extracts of leaves and tubers in relation to their major secondary metabolites. 2022 , 102059	o
703	A comparative study of nutrient composition, bioactive properties and phytochemical characteristics of <i>Stauntonia obovatifoliola</i> flesh and pericarp. 9,	o
702	Investigation of Anticholinesterase and Anticancer Effects of <i>Verbascum insulare</i> Boiss. Et Heldr. Extracts Growing in Mus Region. 2022 , 11, 744-750	o
701	Realistic Scenarios of Pesticide Exposure Alters Multiple Biomarkers in Boana Pulchella (Anura) Adult Frogs.	o
700	Synthesis and Biological Activity Evaluation of Benzothiazole-isoquinoline Derivatives.	o
699	The palladium-based complexes bearing 1,3-dibenzylbenzimidazolium with morpholine, triphenylphosphine, and pyridine derivate ligands: synthesis, characterization, structure and enzyme inhibitions. 2022 , 8, e10625	1
698	Phytochemicals from African eggplants (<i>Solanum macrocarpon</i> L) and Black nightshade (<i>Solanum nigrum</i> L) leaves as acetylcholinesterase inhibitors: an in-silico study. 1-10	o
697	Anticholinergic, Antioxidant, and Antibacterial Properties of <i>Vitex Agnus-Castus</i> L. Seed Extract: Assessment of Its Phenolic Content by LC/MS/MS.	o
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- 690 A study on green synthesis, characterization of chromium oxide nanoparticles and their enzyme inhibitory potential. 13, o
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546	Evaluation of the toxicity of di-iso-pentyl-phthalate (DiPeP) using the fish <i>Danio rerio</i> as an experimental model.	0
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526	Nanoparticles encapsulating sesame seeds (<i>Sesamum indicum</i>) oil: Physicochemical, antioxidant and enzymatic inhibition properties. 2023 , 79, 104003	0
525	Recent advances in fluorescent and colorimetric chemosensors for the detection of chemical warfare agents: a legacy of the 21st century.	1
524	Multitargeting approaches to cognitive impairment: Synthesis of aryl-alkylpiperazines and assessment at cholinesterases, histamine H3 and dopamine D3 receptors. 2023 , 78, 117132	0
523	Palliative effect of <i>Moringa olifera</i> -mediated zinc oxide nanoparticles against acrylamide-induced neurotoxicity in rats. 2023 , 171, 113537	1
522	Study on the toxic effects of sodium pentachlorophenol (PCP) on razor clam (<i>Sinonovacula constricta</i>). 2023 , 183, 105845	0
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520	The chemical profiling and assessment of antioxidative, antidiabetic and antineurodegenerative potential of Kombucha fermented <i>Camellia sinensis</i> , <i>Coffea arabica</i> and <i>Ganoderma lucidum</i> extracts.	1
519	Glyphosate-based herbicide (GBH) causes damage in embryo-larval stages of zebrafish (<i>Danio rerio</i>). 2023 , 95, 107147	0
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513	Structural determination and anticholinesterase assay of C-glycosidic ellagitannins from <i>Lawsonia inermis</i> leaves: A study supported by DFT calculations and molecular docking. 2023 , 164, 105360	0

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- 490 *Voacanga grandifolia* (Miq.) Rolfe protects against alcohol-induced liver toxicity in rats. **2022**, 12, 504 o
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- 487 Chemical profile, acetylcholinesterase, butyrylcholinesterase, and prolyl oligopeptidase inhibitory activity of *Glaucium corniculatum* subsp. *refractum*. 58, o
- 486 Combined Effects of Cadmium- and Cyanide-Contaminated Diet on Oxidative Stress Biomarkers in Different Tissues of Rats. **2022**, 29, E202244 o
- 485 Synthesis and Biological Evaluation of 1,3,4-Oxadiazole Derivatives as Acetylcholinesterase Inhibitors. **2022**, 58, 1520-1526 o
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421	Chemical Profiling of <i>Hedyosmum cumbalense</i> and <i>Hedyosmum spectabile</i> (Chloranthaceae) Essential Oils, and Their Antimicrobial, Antioxidant, and Anticholinesterase Properties. 2023 , 12, 39	1
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419	N-Substituted piperidine-3-carbohydrazide-hydrazones against Alzheimer's disease: Synthesis and evaluation of cholinesterase, beta-amyloid inhibitory activity, and antioxidant capacity.	0
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417	Mixture Toxicity of Three Unconventional Gas Fracking Chemicals Barium, O-Cresol, and Sodium Chloride to the Freshwater Shrimp <i>Paratya australiensis</i> .	1
416	Synthesis and in vitro assessment of anticholinesterase and antioxidant properties of triazineamide derivatives.	0
415	Development and evaluation of clove and cinnamon oil-based nanoemulsions against adult fleas (<i>Xenopsylla cheopis</i>). 2022 , 102587	0
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412	Anti-Ovarian cancer potential, in silico studies and anti-alzheimer's disease effects of some natural compounds as cholinesterase inhibitors.	0
411	Investigation of biological activities of various 1,2,3-triazole compounds: Their effects on cholinesterase enzymes, determination of antioxidant capacity and antimicrobial activity.	0
410	Acetylphenyl-substituted imidazolium salts: synthesis, characterization, in silico studies and inhibitory properties against some metabolic enzymes.	0
409	Effects of long-term <i>Ailanthus altissima</i> extract supplementation on fear, cognition and brain antioxidant levels. 2022 ,	0
408	Reproductive and developmental toxicity following exposure to organophosphate ester flame retardants and plasticizers, triphenyl phosphate and isopropylated phenyl phosphate, in Sprague Dawley rats.	0
407	Identification of Molecular Network of Gut-Brain Axis Associated with Neuroprotective Effects of PPARELigand Erucic Acid in Rotenone-Induced Parkinson's Disease Model in Zebrafish.	0
406	<i>Pulicaria dysenterica</i> (L.) Bernh.âRightfully Earned Name? Identification and Biological Activity of New 3-Methoxycuminyl Esters from <i>P. dysenterica</i> Essential Oil. 2022 , 11, 3340	1
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- 404 Laboratory Evaluation of Chlorpyrifos Against Resistant and Susceptible Strains of a Moth Pest of Crop Plants, *Spodoptera littoralis* (Lepidoptera: Noctuidae). ○
- 403 Characterization of Orange Peel Extract and Its Potential Protective Effect against Aluminum Chloride-Induced Alzheimer's Disease. **2023**, 16, 12 ○
- 402 Design, Synthesis, and In Vitro and In Silico Approaches of Novel Indanone Derivatives as Multifunctional Anti-Alzheimer Agents. **2022**, 7, 47378-47404 1
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- 400 Design, synthesis, biological evaluation and molecular docking of cyclic biguanidine compounds as cholinesterase inhibitors. 1-15 ○
- 399 Powerful Potential of Polyfluoroalkyl-Containing 4-Arylhydrazinylidenepyrazol-3-Ones for Pharmaceuticals. **2023**, 28, 59 ○
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- 395 Design and evaluation of chrysin-loaded nanoemulsion against lithium/pilocarpine-induced status epilepticus in rats; emphasis on formulation, neuronal excitotoxicity, oxidative stress, microglia polarization, and AMPK/SIRT-1/PGC-1 β pathway. 1-16 ○
- 394 Synthesis of Benzothiazole Linked Triazole Conjugates and Their Evaluation Against Cholinesterase Enzymes. **2022**, 7, ○
- 393 Evaluation of antibacterial, antioxidant, cytotoxic, and acetylcholinesterase inhibition activities of novel [1,4] benzoxazepines fused to heterocyclic systems with a molecular modeling study. ○
- 392 Effect of water temperature on growth, blood biochemistry, digestive, metabolic enzymology, and antioxidant defences of *Trachinotus blochii* juveniles. ○
- 391 Antidepressant-Like Effects of Edaravone and Minocycline: Investigation of Oxidative Stress, Neuroinflammation, Neurotrophic, and Apoptotic Pathways. ○
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- 387 In vitro anticancer, antioxidant and enzyme inhibitory potentials of endemic *Cephalaria elazigensis* var. *purpurea* with in silico studies. 1-13 ○

- 386 Biomonitoring of Alterations in Fish That Inhabit Anthropic Aquatic Environments in a Basin from Semi-Arid Regions. **2023**, 11, 73 o
- 385 May PdCu@f-MWCNT NPs be an ecotoxicologic risk?. o
- 384 Comparative investigation of analgesic tolerance to taurine, sodium salicylate and morphine: Involvement of peripheral muscarinic receptors. **2023**, 795, 137041 o
- 383 Moderate hypoxia mitigates the physiological effects of high temperature on the tropical blue crab *Callinectes sapidus*. 13, o
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- 379 Pretreatment of rhesus monkeys with transdermal patches containing physostigmine and procyclidine: implications of the delivery system for the potential application against VX nerve agent intoxication in humans. o
- 378 Expression and functional analysis of ace1 and ace2 reveal their differential roles in larval growth and insecticide sensitivity in *Spodoptera frugiperda*. o
- 377 Lethal and sub-lethal effects of *Cordyceps fumosorosea* on the demography and biochemistry of *Phenacoccus solenopsis*. 1-22 o
- 376 Identification of New N-methyl-piperazine Chalcones as Dual MAO-B/AChE Inhibitors. **2023**, 16, 83 o
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- 374 Exploring the mechanisms underlying the toxicity of boric acid against the land snail, *Theba pisana* . o
- 373 DEVELOPMENT AND CHARACTERIZATION OF PLANT OIL-BASED POTENT ANTICHOLINESTERASE MICROEMULSION CONTAINING WITHANIA SOMNIFERA EXTRACT WITH ENHANCED TRANSDERMAL DELIVERY OF PHYTOCONSTITUENTS FOR THE TREATMENT OF COGNITIVE DISORDERS. 166-172 o
- 372 Design, synthesis, anti-acetylcholinesterase evaluation and molecular modelling studies of novel coumarin-chalcone hybrids. 1-13 o
- 371 Neuroprotective Effect of Quercetin and Memantine against AlCl₃-Induced Neurotoxicity in Albino Wistar Rats. **2023**, 28, 417 o
- 370 Effects of *Phoenix dactylifera* against Streptozotocin-Aluminium Chloride Induced Alzheimer's Rats and Their In Silico Study. **2023**, 2023, 1-21 o
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- 359 Neuroprotective role of DPP-4 inhibitor Linagliptin against neurodegeneration, neuronal insulin resistance and neuroinflammation induced by intracerebroventricular streptozotocin in rat model of Alzheimer's disease. 0
- 358 Assessment of Neurotoxic Effects of Oxycodone and Naloxone in SH-SY5Y Cell Line. **2023**, 24, 1424 0
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- 298 Alkaloid Profile in Wild Autumn-Flowering Daffodils and Their Acetylcholinesterase Inhibitory Activity. **2023**, 28, 1239 o
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- 178 Bioactive Diterpenoids Obtained from *Grindelia ventanensis* Bartola & Tortosa (Asteraceae). 0
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- 148 Crotofoligandrin, a new endoperoxide crotofolane-type diterpenoid from the twigs of *Croton oligandrus* Pierre ex. Hutch (Euphorbiaceae). **2022**, o
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- 143 Zn-Al layered double hydroxides induce embryo malformations and impair locomotion behavior in *Danio rerio*. **2023**, 30, 100457 o
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- 125 The biguanide-sulfonamide derivatives: synthesis, characterization and investigation of anticholinesterase inhibitory, antioxidant and DNA/BSA binding properties. 1-16 ○
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- 115 Biological Activities and Chemical Composition of Essential Oil from *Hedyosmum purpurascens* (Todzia)â€”An Endemic Plant in Ecuador. **2023**, 28, 2366 o
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- 105 Determination of Antioxidant, Anti-Alzheimer, Antidiabetic, Antiglaucoma and Antimicrobial Effects of Zivzik Pomegranate (*Punica granatum*)â€”A Chemical Profiling by LC-MS/MS. **2023**, 13, 735 o
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- 103 Relationship Between Phenolic Content Determined by LC/MS/MS and Antioxidant Capacity and Enzyme Inhibition of *Cyclotrichium niveum* L.. o
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- 66 Purification of Acetylcholinesterase from *Halyomorpha halys* (Stål) (Heteroptera: Pentatomidae) and Management of Control of The Pest Through Inhibition of The Enzyme. ○
- 65 DALACHOYNING KIMYOVIY TRKIBINI VA UNING XEQTBOBIDGHI MIYATINI TAHLILIY OÂRGANISH. **2023**, 1, 171-191 ○
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- 50 A New Antibacterial Dihydroisocoumarin from the Marine Sponge-Associated Fungus *Aspergillus* sp.. ○
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- 21 Molecular docking studies and biological activities of benzenesulfonamide-based thiourea and thiazolidinone derivatives targeting cholinesterases, α -glucosidase, and α -amylase enzymes. 385-424 ○
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- 18 Neuroprotective Role of DPP-4 Inhibitor Linagliptin Against Neurodegeneration, Neuronal Insulin Resistance and Neuroinflammation Induced by Intracerebroventricular Streptozotocin in Rat Model of Alzheimer's Disease. ○
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- 11 Development of quinazolinone and vanillin acrylamide hybrids as multi-target directed ligands against Alzheimer's disease and mechanistic insights into their binding with acetylcholinesterase. 1-18 ○
- 10 Effects of chlorpyrifos toxicity on brain, pseudobranchial neurosecretory system and swimming performance of a catfish, *Heteropneustes fossilis*. 1-14 ○
- 9 Effects of Chloramine T on zebrafish embryos malformations associated with cardiotoxicity and neurotoxicity. **2023**, 86, 372-381 ○

- 8 Persistent oxidative injury and neurobehavioral impairment in adult male and female *Nauphoeta cinerea* exposed to perfluorooctanoic acid. **2023**, 100, 104135 ○
- 7 Cognitive and Mitochondrial Alterations in Rat Striatum and Hippocampus Exposed to Imidacloprid: The Protective Role of Catechins. ○
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- 4 Nematicidal Coumarins from *Cnidium monnieri* Fruits and *Angelica dahurica* Roots and Their Physiological Effect on Pine Wood Nematode (*Bursaphelenchus xylophilus*). **2023**, 28, 4109 ○
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- 2 Dual-Mode Ratiometric Electrochemical and Turn-On Fluorescent Detection of Butyrylcholinesterase Utilizing a Single Probe for the Diagnosis of Alzheimer's Disease. ○
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