

Ruya Kaya

List of Publications by Year in descending order

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32
papers

1,389
citations

331670
21
h-index

414414
32
g-index

32
all docs

32
docs citations

32
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and biological evaluation of novel tris-chalcones as potent carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and β -glycosidase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 85, 191-197.	4.1	145
2	Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties. <i>Bioorganic Chemistry</i> , 2019, 91, 103134.	4.1	132
3	Anticholinergic, antidiabetic and antioxidant activities of cinnamon (<i>Cinnamomum verum</i>) bark extracts: polyphenol contents analysis by LC-MS/MS. <i>International Journal of Food Properties</i> , 2019, 22, 1511-1526.	3.0	85
4	Imidazolinium chloride salts bearing wingtip groups: Synthesis, molecular docking and metabolic enzymes inhibition. <i>Journal of Molecular Structure</i> , 2019, 1179, 709-718.	3.6	84
5	Synthesis and characterization of novel bromophenols: Determination of their anticholinergic, antidiabetic and antioxidant activities. <i>Bioorganic Chemistry</i> , 2019, 87, 91-102.	4.1	78
6	Synthesis and discovery of potent carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase, and β -glycosidase enzymes inhibitors: The novel <i>N,N</i> -bis(cyanomethyl)amine and alkoxymethylamine derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22042.	3.0	72
7	Synthesis, characterization and crystal structure of 2-(4-hydroxyphenyl)ethyl and 2-(4-nitrophenyl)ethyl Substituted Benzimidazole Bromide Salts: Their inhibitory properties against carbonic anhydrase and acetylcholinesterase. <i>Journal of Molecular Structure</i> , 2018, 1170, 160-169.	3.6	72
8	Novel morpholine liganded Pd-based N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, antidiabetic and anticholinergic properties. <i>Polyhedron</i> , 2019, 159, 345-354.	2.2	69
9	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds and Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and β -glycosidase inhibition properties. <i>Bioorganic Chemistry</i> , 2020, 103, 104171.	4.1	64
10	Synthesis of oxazolidinone from enantiomerically enriched allylic alcohols and determination of their molecular docking and biologic activities. <i>Bioorganic Chemistry</i> , 2019, 88, 102980.	4.1	54
11	Synthesis, crystal structure, and biological evaluation of optically active <i>N</i> -(4-amino-7-dimethyl-5-oxo-5,6,7,8-tetrahydro-4 <i>H</i> -chromen-3-yl)carbonitriles: Antiepileptic, antidiabetic, and anticholinergics potentials. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800317.	4.1	49
12	Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties. <i>Bioorganic Chemistry</i> , 2020, 94, 103468.	4.1	49
13	Discovery of potent carbonic anhydrase, acetylcholinesterase, and butyrylcholinesterase enzymes inhibitors: The new amides and thiazolidine-4-ones synthesized on an acetophenone base. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, e21931.	3.0	43
14	Synthesis of novel organohalogen chalcone derivatives and screening of their molecular docking study and some enzymes inhibition effects. <i>Journal of Molecular Structure</i> , 2020, 1208, 127868.	3.6	40
15	Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds. <i>Polyhedron</i> , 2021, 193, 114866.	2.2	38
16	Screening of Carbonic Anhydrase, Acetylcholinesterase, Butyrylcholinesterase, and β -Glycosidase Enzyme Inhibition Effects and Antioxidant Activity of Coumestrol. <i>Molecules</i> , 2022, 27, 3091.	3.8	37
17	Anticholinergic and antioxidant activities of avocado (<i>Folium perseae</i>) leaves phytochemical content by LC-MS/MS analysis. <i>International Journal of Food Properties</i> , 2020, 23, 878-893.	3.0	36
18	Synthesis of novel β -amino carbonyl derivatives and their inhibition effects on some metabolic enzymes. <i>Journal of Molecular Structure</i> , 2020, 1204, 127453.	3.6	34

#	ARTICLE	IF	CITATIONS
19	Design, synthesis, characterization, biological evaluation, and molecular docking studies of novel 1,2-aminopropanthiols substituted derivatives as selective carbonic anhydrase, acetylcholinesterase and α -glycosidase enzymes inhibitors. Journal of Biomolecular Structure and Dynamics, 2022, 40, 236-248.	3.5	32
20	Synthesis of novel tris-chalcones and determination of their inhibition profiles against some metabolic enzymes. Archives of Physiology and Biochemistry, 2021, 127, 153-161.	2.1	28
21	Isolation of Some Phenolic Compounds from <i>Plantago subulata</i> L. and Determination of Their Antidiabetic, Anticholinesterase, Antiepileptic and Antioxidant Activity. Chemistry and Biodiversity, 2022, 19, .	2.1	27
22	Synthesis, molecular docking and some metabolic enzyme inhibition properties of biphenyl-substituted chalcone derivatives. Journal of Molecular Structure, 2022, 1254, 132358.	3.6	25
23	Novel sulphonamides incorporating triazene moieties show powerful carbonic anhydrase I and II inhibitory properties. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 325-329.	5.2	24
24	Anticancer, anticholinesterase and antidiabetic activities of tunceli garlic (<i>Allium tuncelianum</i>): determining its phytochemical content by LC-MS/MS analysis. Journal of Food Measurement and Characterization, 2021, 15, 3323-3335.	3.2	23
25	Novel silver(I) N -heterocyclic carbene complexes bearing 2-(4-hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties. Journal of Heterocyclic Chemistry, 2021, 58, 603-611.	2.6	10
26	Synthesis of novel bis-sulfone derivatives and their inhibition properties on some metabolic enzymes including carbonic anhydrase, acetylcholinesterase, and butyrylcholinesterase. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22401.	3.0	8
27	Synthesis, characterization and biological evaluation of N -substituted triazinane-2-thiones and theoretical-experimental mechanism of condensation reaction. Applied Organometallic Chemistry, 2020, 34, e5329.	3.5	8
28	The Impacts of Some Sedative Drugs on α -Glycosidase, Acetylcholinesterase and Butyrylcholinesterase Enzymes-potential Drugs for Some Metabolic Diseases. Letters in Drug Design and Discovery, 2019, 16, 592-596.	0.7	6
29	A new specific method for isolation of tomentosin with a high yield from <i>Inula viscosa</i> (L.) and determination of its bioactivities. Phytochemical Analysis, 2022, 33, 612-618.	2.4	6
30	Synthesis and some enzyme inhibition effects of isoxazoline and pyrazoline derivatives including benzonorbornene unit. Journal of Biochemical and Molecular Toxicology, 2022, 36, e22952.	3.0	5
31	Synthesis and biological evaluation of new pyrazolebenzene-sulphonamides as potential anticancer agents and hCA I and II inhibitors. Turkish Journal of Chemistry, 2021, 45, 528-539.	1.2	3
32	Boric acid and Borax Supplementation Reduces Weight Gain in Overweight Rats and Alter L-Carnitine and IGF-I Levels. International Journal for Vitamin and Nutrition Research, 2020, 90, 221-227.	1.5	3