Suat Sari

List of Publications by Citations

40 papers	510 citations	14 h-index	21 g-index
47 ext. papers	678 ext. citations	4.2 avg, IF	4.41 L-index

#	Paper	IF	Citations
40	Discovery of potent □glucosidase inhibitor flavonols: Insights into mechanism of action through inhibition kinetics and docking simulations. *Bioorganic Chemistry*, **2018**, 79, 257-264	5.1	48
39	Tyrosinase inhibition by some flavonoids: Inhibitory activity, mechanism by in vitro and in silico studies. *Bioorganic Chemistry*, **2018**, 81, 168-174	5.1	46
38	□Glucosidase inhibitory effect of Potentilla astracanica and some isoflavones: Inhibition kinetics and mechanistic insights through in vitro and in silico studies. *International Journal of Biological Macromolecules*, **2017**, 105, 1062-1070	7.9	40
37	Potential of Potentilla inclinata and its polyphenolic compounds in □glucosidase inhibition: Kinetics and interaction mechanism merged with docking simulations. *International Journal of Biological Macromolecules*, **2018**, 108, 81-87	7.9	37
36	New azole derivatives showing antimicrobial effects and their mechanism of antifungal activity by molecular modeling studies. *European Journal of Medicinal Chemistry*, **2017**, 130, 124-138	6.8	36
35	Coumarin or benzoxazinone based novel carbonic anhydrase inhibitors: synthesis, molecular docking and anticonvulsant studies. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 760-72	5.6	27
34	Flavonoids as alpha-glucosidase inhibitors: mechanistic approaches merged with enzyme kinetics and molecular modelling. *Phytochemistry Reviews*, **2020**, 19, 1081-1092	7.7	21
33	□Glucosidase inhibitory effects of polyphenols from Geranium asphodeloides: Inhibition kinetics and mechanistic insights through in vitro and in silico studies. *Bioorganic Chemistry*, **2018**, 81, 545-552	5.1	20
32	Tyrosinase and □glucosidase inhibitory potential of compounds isolated from Quercus coccifera bark: In vitro and in silico perspectives. *Bioorganic Chemistry*, **2019**, 86, 296-304	5.1	17
31	Tyrosinase inhibition by a rare neolignan: Inhibition kinetics and mechanistic insights through in vitro and in silico studies. *Computational Biology and Chemistry*, **2018**, 76, 61-66	3.6	17
30	Novel water soluble BODIPY compounds: Synthesis, photochemical, DNA interaction, topoisomerases inhibition and photodynamic activity properties. *European Journal of Medicinal Chemistry*, **2019**, 183, 111685	6.8	16
29	Flavones as tyrosinase inhibitors: kinetic studies in vitro and in silico. *Phytochemical Analysis*, **2020**, 31, 314-321	3.4	16
28	New (arylalkyl)azole derivatives showing anticonvulsant effects could have VGSC and/or GABAR affinity according to molecular modeling studies. *European Journal of Medicinal Chemistry*, **2016**, 124, 407-416	6.8	15
27	Synthesis and anticonvulsant screening of 1,2,4-triazole derivatives. *Pharmacological Reports*, **2018**, 70, 1116-1123	3.9	15
26	Synthesis, in vivo anticonvulsant testing, and molecular modeling studies of new nafimidone derivatives. *Drug Development Research*, **2019**, 80, 606-616	5.1	12
25	A new series of pyridazinone derivatives as cholinesterases inhibitors: Synthesis, in vitro activity and molecular modeling studies. *Pharmacological Reports*, **2019**, 71, 1253-1263	3.9	12
24	Design, synthesis, and molecular modeling of new 3(2H)-pyridazinone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors. *Medicinal Chemistry Research*, **2017**, 26, 2293-2308	2.2	12

23	New Anti-Seizure (Arylalkyl)azole Derivatives: Synthesis, In Vivo and In Silico Studies. *Archiv Der Pharmazie*, **2017**, 350, e201700043	4.3	11
22	Synthesis, DNA interaction, in vitro/in silico topoisomerase II inhibition and photodynamic therapy activities of two cationic BODIPY derivatives. *Dyes and Pigments*, **2020**, 174, 108072	4.6	10
21	Discovery of new azoles with potent activity against Candida spp. and Candida albicans biofilms through virtual screening. *European Journal of Medicinal Chemistry*, **2019**, 179, 634-648	6.8	9
20	GPCR Modulation of Thieno[2,3-b]pyridine Anti-Proliferative Agents. *Molecules*, **2017**, 22,	4.8	8
19	Discovery and Characterisation of Dual Inhibitors of Tryptophan 2,3-Dioxygenase (TDO2) and Indoleamine 2,3-Dioxygenase 1 (IDO1) Using Virtual Screening. *Molecules*, **2019**, 24,	4.8	8
18	Synthesis, anticonvulsant screening, and molecular modeling studies of new arylalkylimidazole oxime ether derivatives. *Drug Development Research*, **2019**, 80, 269-280	5.1	8
17	Flavonoids as tyrosinase inhibitors in and models: basic framework of SAR using a statistical modelling approach.. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2022**, 37, 421-430	5.6	7
16	Synthesis, anticonvulsant activity, and molecular modeling studies of novel 1-phenyl/1-(4-chlorophenyl)-2-(1H-triazol-1-yl)ethanol ester derivatives. *Medicinal Chemistry Research*, **2018**, 27, 2171-2186	2.2	6
15	Tyrosinase inhibitory effects of Vinca major and its secondary metabolites: Enzyme kinetics and in silico inhibition model of the metabolites validated by pharmacophore modelling. *Bioorganic Chemistry*, **2019**, 92, 103259	5.1	5
14	Antifungal screening and in silico mechanistic studies of an in-house azole library. *Chemical Biology and Drug Design*, **2019**, 94, 1944-1955	2.9	4
13	Antibacterial azole derivatives: Antibacterial activity, cytotoxicity, and in silico mechanistic studies. *Drug Development Research*, **2020**, 81, 1026	5.1	4
12	Discovery of potent □glucosidase inhibitors through structure-based virtual screening of an in-house azole collection. *Chemical Biology and Drug Design*, **2021**, 97, 701-710	2.9	4
11	p-Trifluoroacetophenone Oxime Ester Derivatives: Synthesis, Antimicrobial and Cytotoxic Evaluation and Molecular Modeling Studies. *Letters in Drug Design and Discovery*, **2020**, 17, 169-183	0.8	3
10	Alpha-glucosidase and tyrosinase inhibiton of polyphenols isolated from Potentilla speciosa var. speciosa: In vitro and in silico perspectives. *Industrial Crops and Products*, **2021**, 170, 113806	5.9	3
9	Synthesis and cytotoxicity studies on new pyrazolecontaining oxime ester derivatives. *Tropical Journal of Pharmaceutical Research*, **2021**, 18, 1315-1322	0.8	2
8	Azoles containing naphthalene with activity against Gram-positive bacteria: studies and predictions for flavohemoglobin inhibition. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-10	3.6	2
7	Azole derivatives with naphthalene showing potent antifungal effects against planktonic and biofilm forms of Candida spp.: an in vitro and in silico study. *International Microbiology*, **2021**, 24, 93-102	3	2
6	In vitro and in silico assessment of DNA interaction, topoisomerase I and II inhibition properties of chrysosplenetin. *International Journal of Biological Macromolecules*, **2020**, 163, 1053-1059	7.9	1

5	Inhibition of cholinesterases by safranin O: Integration of inhibition kinetics with molecular docking simulations. *Archives of Biochemistry and Biophysics*, **2021**, 698, 108728	4.1	1
4	Repurposing of Drugs for pan-HDAC and pan-SIRT Inhibitors: Consensus Structure-based Virtual Screening and Pharmacophore Modeling Investigations.. *Turkish Journal of Pharmaceutical Sciences*, **2021**, 18, 730-737	1.1	0
3	Flavonoids as Inducers of Apoptosis and Autophagy in Breast Cancer **2021**, 147-196		0
2	Azole antifungal compounds could have dual cholinesterase inhibitory potential according to virtual screening, enzyme kinetics, and toxicity studies of an inhouse library. *Journal of Molecular Structure*, **2021**, 1235, 130268	3.4	0
1	Multiple biological effects of secondary metabolites of : isolation and mechanistic insights through in vitro and in silico studies.. *European Food Research and Technology*, **2022**, 1-9	3.4	