Mahmud Tareq Hassan Khan

List of Publications by Citations

32 papers	1,853 citations	22 h-index	32 g-index
32 ext. papers	2,120 ext. citations	3.9 avg, IF	4.86 L-index

#	Paper	IF	Citations
32	A comprehensive review on tyrosinase inhibitors. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2019**, 34, 279-309	5.6	331
31	Extracts and molecules from medicinal plants against herpes simplex viruses. *Antiviral Research*, **2005**, 67, 107-19	10.8	200
30	Cholinesterase inhibitory activities of some flavonoid derivatives and chosen xanthone and their molecular docking studies. *Chemico-Biological Interactions*, **2009**, 181, 383-9	5	156
29	Structure-activity relationships of tyrosinase inhibitory combinatorial library of 2,5-disubstituted-1,3,4-oxadiazole analogues. *Bioorganic and Medicinal Chemistry*, **2005**, 13, 3385-95	3.4	144
28	Predictions of the ADMET properties of candidate drug molecules utilizing different QSAR/QSPR modelling approaches. *Current Drug Metabolism*, **2010**, 11, 285-95	3.5	107
27	Tetraketones: a new class of tyrosinase inhibitors. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 344-51	3.4	83
26	Oxazolones: new tyrosinase inhibitors; synthesis and their structure-activity relationships. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 6027-33	3.4	79
25	Recent advancements for the evaluation of anti-viral activities of natural products. *New Biotechnology*, **2009**, 25, 347-68	6.4	71
24	Molecular design of tyrosinase inhibitors: A critical review of promising novel inhibitors from synthetic origins. *Pure and Applied Chemistry*, **2007**, 79, 2277-2295	2.1	70
23	TOMOCOMD-CARDD descriptors-based virtual screening of tyrosinase inhibitors: evaluation of different classification model combinations using bond-based linear indices. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 1483-503	3.4	68
22	Dragon method for finding novel tyrosinase inhibitors: Biosilico identification and experimental in vitro assays. *European Journal of Medicinal Chemistry*, **2007**, 42, 1370-81	6.8	57
21	Molecular interactions of cholinesterases inhibitors using in silico methods: current status and future prospects. *New Biotechnology*, **2009**, 25, 331-46	6.4	48
20	New tyrosinase inhibitors selected by atomic linear indices-based classification models. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 324-30	2.9	48
19	Prediction of tyrosinase inhibition activity using atom-based bilinear indices. *ChemMedChem*, **2007**, 2, 449-78	3.7	43
18	Tyrosinase inhibitors from Rhododendron collettianum and their structure-activity relationship (SAR) studies. *Chemical and Pharmaceutical Bulletin*, **2004**, 52, 1458-61	1.9	41
17	Ligand-based computer-aided discovery of tyrosinase inhibitors. Applications of the TOMOCOMD-CARDD method to the elucidation of new compounds. *Current Pharmaceutical Design*, **2010**, 16, 2601-24	3.3	33
16	Microbial transformation of 17alpha-ethynyl- and 17alpha-ethylsteroids, and tyrosinase inhibitory activity of transformed products. *Steroids*, **2005**, 70, 798-802	2.8	30

15	Discovery of potent thermolysin inhibitors using structure based virtual screening and binding assays. *Journal of Medicinal Chemistry*, **2009**, 52, 48-61	8.3	26
14	Ethnomedicines and ethnomedicinal phytophores against herpesviruses. *Biotechnology Annual Review*, **2008**, 14, 297-348		26
13	Predictive QSAR modeling for the successful predictions of the ADMET properties of candidate drug molecules. *Current Drug Discovery Technologies*, **2007**, 4, 141-9	1.5	26
12	Tyrosinase inhibition studies of cycloartane and cucurbitane glycosides and their structure-activity relationships. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 6085-8	3.4	24
11	Atom- and bond-based 2D TOMOCOMD-CARDD approach and ligand-based virtual screening for the drug discovery of new tyrosinase inhibitors. *Journal of Biomolecular Screening*, **2008**, 13, 1014-24		23
10	Identification of novel quinazolin-4(3H)-ones as inhibitors of thermolysin, the prototype of the M4 family of proteinases. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 4317-27	3.4	21
9	Expression of Estrogen Receptor Gene in Breast Cancer Cells Treated With Transcription Factor Decoy Is Modulated by Bangladeshi Natural Plant Extracts. *Oncology Research*, **2005**, 15, 69-79	4.8	21
8	Potentials of phenolic molecules of natural origin and their derivatives as anti-HIV agents. *Biotechnology Annual Review*, **2007**, 13, 223-64		18
7	Bond-based 2D TOMOCOMD-CARDD approach for drug discovery: aiding decision-making in 'in silico' selection of new lead tyrosinase inhibitors. *Journal of Computer-Aided Molecular Design*, **2007**, 21, 167-88	4.2	18
6	Synthesis of methyl ether analogues of sildenafil (Viagra) possessing tyrosinase inhibitory potential. *Chemistry and Biodiversity*, **2005**, 2, 470-6	2.5	17
5	Heterocyclic Compounds Against the Enzyme Tyrosinase Essential for Melanin Production: Biochemical Features of Inhibition **2007**, 119-138		11
4	Tyrosinase inhibitory effect of benzoic acid derivatives and their structure-activity relationships. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2010**, 25, 812-7	5.6	8
3	Dipeptide inhibitors of thermolysin and angiotensin I-converting enzyme. *Current Topics in Medicinal Chemistry*, **2012**, 12, 1748-62	3	3
2	Determinants for psychrophilic and thermophilic features of metallopeptidases of the M4 family. *In Silico Biology*, **2009**, 9, 105-24	2	2
1	Retrained Classification of Tyrosinase Inhibitors and In Silico Potency Estimation by Using Atom-Type Linear Indices. *International Journal of Chemoinformatics and Chemical Engineering*, **2012**, 2, 42-144	0.3	