Momin Khan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7629688/publications.pdf

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26	533	933447	642732
papers	citations	10 h-index	23 g-index

27	27	27	712
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and molecular docking studies of potent Î±-glucosidase inhibitors based on biscoumarin skeleton. European Journal of Medicinal Chemistry, 2014, 81, 245-252.	5.5	128
2	Discovery of novel oxindole derivatives as potent Î±-glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 3441-3448.	3.0	51
3	Evaluation of bisindole as potent Î²-glucuronidase inhibitors: Synthesis and in silico based studies. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1825-1829.	2.2	47
4	Synthesis and structureâ€“activity relationship of thiobarbituric acid derivatives as potent inhibitors of urease. Bioorganic and Medicinal Chemistry, 2014, 22, 4119-4123.	3.0	43
5	Synthesis of AgNPs coated with secondary metabolites of Acacia nilotica: An efficient antimicrobial and detoxification agent for environmental toxic organic pollutants. Materials Science and Engineering C, 2020, 111, 110829.	7.3	43
6	Synthesis, biological activities, and molecular docking studies of 2-mercaptobenzimidazole based derivatives. Bioorganic Chemistry, 2018, 80, 472-479.	4.1	41
7	Flurbiprofen derivatives as novel Î±-amylase inhibitors: Biology-oriented drug synthesis (BIODS), in vitro, and in silico evaluation. Bioorganic Chemistry, 2018, 81, 157-167.	4.1	38
8	Oxindole Derivatives: Synthesis and Antiglycation Activity. Medicinal Chemistry, 2013, 9, 681-688.	1.5	35
9	Xanthine oxidase inhibitory activity of nicotino/isonicotinohydrazides: A systematic approach from in vitro , in silico to in vivo studies. Bioorganic and Medicinal Chemistry, 2017, 25, 2351-2371.	3.0	23
10	Synthesis, Molecular Modeling and Biological Evaluation of 5-arylidene-N,N-diethylthiobarbiturates as Potential Î±-glucosidase Inhibitors. Medicinal Chemistry, 2019, 15, 175-185.	1.5	12
11	Synthesis, in vitro urease inhibitory activity, and molecular docking studies of (perfluorophenyl)hydrazone derivatives. Medicinal Chemistry Research, 2019, 28, 873-883.	2.4	9
12	Green synthesis, characterization and biological activities of silver nanoparticles using the bark extract of ailanthus altissima. Materials Science-Poland, 2017, 36, 21-26.	1.0	9
13	Chalcones: As Potent Î±-amylase Enzyme Inhibitors; Synthesis, In Vitro, and In Silico Studies. Medicinal Chemistry, 2021, 17, 903-912.	1.5	8
14	Bis-1,3,4-Oxadiazole Derivatives as Novel and Potential Urease Inhibitors; Synthesis, In Vitro, and In Silico Studies. Medicinal Chemistry, 2022, 18, 820-830.	1.5	7
15	Effective performance of CeO2 based silica for preparation of octanal. Journal of Porous Materials, 2020, 27, 1101-1108.	2.6	6
16	Synthesis of Pyridinyl-benzo[d]imidazole/Pyridinyl-benzo[d]thiazole Derivatives and their Yeast Glucose Uptake Activity In Vitro. Letters in Drug Design and Discovery, 2019, 16, 984-993.	0.7	6
17	2-Mercaptobenzimidazole Based Hydrazone Derivatives as Potential Antioxidant and Î±-Glucosidase Inhibitors. Current Bioactive Compounds, 2022, 18, .	0.5	5
18	Physicochemical Study of Some Thiobarbiturate Derivatives and Their Interaction with DNA in Aqueous Media. Russian Journal of Physical Chemistry A, 2018, 92, 1987-1995.	0.6	4

#	Article	IF	Citations
19	Physicochemical Investigation of Some Thiobarbiturate Derivatives and Their Binding Study with Deoxyribonucleic Acid. Russian Journal of Physical Chemistry B, 2018, 12, 485-494.	1.3	4
20	Antimicrobial Activities of Synthetic Arylidine Nicotinic and Isonicotinic Hydrazones. Letters in Drug Design and Discovery, 2018, 15, 1057-1067.	0.7	4
21	Biology-oriented Drug Synthesis (BIODS), Structural Characterization and Bioactivities of Novel Albendazole Derivatives. Letters in Drug Design and Discovery, 2019, 16, 1329-1338.	0.7	4
22	Green Synthesis, Characterization, DPPH and Ferrous Ion-chelating (FIC) Activity of Tetrakis-Schiffâ€™s Bases of Terephthalaldehyde. Letters in Drug Design and Discovery, 2019, 16, 249-255.	0.7	2
23	Antiglycation Activity of N, N-Diethylthiobarbiturates Derivatives. Letters in Drug Design and Discovery, 2020, 17, 411-417.	0.7	2
24	Synthesis of Triazoleâ€Based Nonionic Surfactants for Nanostructured Drug Delivery: Investigation of Their Physicochemical and Biological Aspects. Journal of Surfactants and Detergents, 2019, 22, 1419-1427.	2.1	1
25	2-Indolinone Derivatives as Potent Urease Inhibitors. Letters in Drug Design and Discovery, 2018, 15, 814-821.	0.7	1
26	Design of New and Potent Diethyl Thiobarbiturates as Urease Inhibitors: A Computational Approach. Bioinformation, 2014, 10, 299-307.	0.5	0