Mohammed Gollapalli

List of Publications by Year
in descending order

25 papers	504 citations	759233 12 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	456 citing authors

#	Article	IF	Citations
1	Ensemble Machine Learning Model to Predict the Waterborne Syndrome. Algorithms, 2022, 15, 93.	2.1	10
2	Rainfall Prediction System Using Machine Learning Fusion for Smart Cities. Sensors, 2022, 22, 3504.	3.8	47
3	Supervised Machine Learning Empowered Multifactorial Genetic Inheritance Disorder Prediction. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	47
4	A novel stacking ensemble for detecting three types of diabetes mellitus using a Saudi Arabian dataset: Pre-diabetes, T1DM, and T2DM. Computers in Biology and Medicine, 2022, 147, 105757.	7.0	35
5	Advance Genome Disorder Prediction Model Empowered With Deep Learning. IEEE Access, 2022, 10, 70317-70328.	4.2	15
6	Exploring indole-based-thiadiazole derivatives as potent acetylcholinesterase and butyrylcholinesterase enzyme inhibitors. International Journal of Biological Macromolecules, 2021, 188, 1025-1036.	7.5	20
7	Inhibition potential of phenyl linked benzimidazole-triazolothiadiazole modular hybrids against Î²-glucuronidase and their interactions thereof. International Journal of Biological Macromolecules, 2020, 161, 355-363.	7.5	9
8	Synthesis, anti-leishmanial and molecular docking study of bis-indole derivatives. BMC Chemistry, 2019, 13, 102.	3.8	18
9	Synthesis of new arylhydrazide bearing Schiff bases/thiazolidinone: Î±-Amylase, urease activities and their molecular docking studies. Bioorganic Chemistry, 2019, 91, 103112.	4.1	33
10	2,5-Disubstituted thiadiazoles as potent Î²-glucuronidase inhibitors; Synthesis, in vitro and in silico studies. Bioorganic Chemistry, 2019, 91, 103126.	4.1	12
11	Synthesis, thymidine phosphorylase, angiogenic inhibition and molecular docking study of isoquinoline derivatives. Bioorganic Chemistry, 2019, 89, 102999.	4.1	8
12	Synthesis, in vitro urease inhibitory potential and molecular docking study of Benzimidazole analogues. Bioorganic Chemistry, 2019, 89, 103024.	4.1	45
13	Synthesis of oxadiazole-coupled-thiadiazole derivatives as a potent Î²-glucuronidase inhibitors and their molecular docking study. Bioorganic and Medicinal Chemistry, 2019, 27, 3145-3155.	3.0	13
14	Synthesis of Chromen-4-One-Oxadiazole Substituted Analogs as Potent Î²-Glucuronidase Inhibitors. Molecules, 2019, 24, 1528.	3.8	5
15	Synthesis of Thymidine Phosphorylase Inhibitor Based on Quinoxaline Derivatives and Their Molecular Docking Study. Molecules, 2019, 24, 1002.	3.8	9
16	Indole bearing thiadiazole analogs: synthesis, Î²-glucuronidase inhibition and molecular docking study. BMC Chemistry, 2019, 13, 14.	3.8	10
17	Synthesis of benzothiazole derivatives as a potent Î±-glucosidase inhibitor. Bioorganic Chemistry, 2019, 85, 33-48.	4.1	54
18	Synthesis of novel quinoline-based thiadiazole, evaluation of their antileishmanial potential and molecular docking studies. Bioorganic Chemistry, 2019, 85, 109-116.	4.1	25

#	Article	IF	Citations
19	Synthesis of Bis-indolylmethane sulfonohydrazides derivatives as potent Î±-Glucosidase inhibitors. Bioorganic Chemistry, 2018, 80, 112-120.	4.1	49
20	Saudi Rural Breast Cancer Prevention Framework. , 2015, , .		6
21	Literature Review of Attribute Level and Structure Level Data Linkage Techniques. International Journal of Data Mining & Knowledge Management Process, 2015, 5, 01-20.	0.1	10
22	The Saudi Recycling eCommerce Framework. , 2015, , .		1
23	Automated discovery of multi-faceted ontologies for accurate query answering and future semantic reasoning. Data and Knowledge Engineering, 2013, 87, 405-424.	3.4	11
24	Approximate Record Matching Using Hash Grams. , 2011, , .		5
25	Ontology Guided Data Linkage Framework for Discovering Meaningful Data Facts. Lecture Notes in Computer Science, 2011, , 252-265.	1.3	7