

# Mohammed Gollapalli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5994746/publications.pdf>

Version: 2024-02-01

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  | Synthesis of benzothiazole derivatives as a potent $\hat{I}\pm$ -glucosidase inhibitor. <i>Bioorganic Chemistry</i> , 2019, 85, 33-48.  | 4.1 | 54        |
| 2  | Synthesis of Bis-indolylmethane sulfonohydrazides derivatives as potent $\hat{I}\pm$ -Glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2018, 80, 112-120.  | 4.1 | 49        |
| 3  | Rainfall Prediction System Using Machine Learning Fusion for Smart Cities. <i>Sensors</i> , 2022, 22, 3504.   | 3.8 | 47        |
| 4  | Supervised Machine Learning Empowered Multifactorial Genetic Inheritance Disorder Prediction. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-10.  | 1.7 | 47        |
| 5  | Synthesis, in vitro urease inhibitory potential and molecular docking study of Benzimidazole analogues. <i>Bioorganic Chemistry</i> , 2019, 89, 103024.   | 4.1 | 45        |
| 6  | A novel stacking ensemble for detecting three types of diabetes mellitus using a Saudi Arabian dataset: Pre-diabetes, T1DM, and T2DM. <i>Computers in Biology and Medicine</i> , 2022, 147, 105757.           | 7.0 | 35        |
| 7  | Synthesis of new arylhydrazide bearing Schiff bases/thiazolidinone: $\hat{I}\pm$ -Amylase, urease activities and their molecular docking studies. <i>Bioorganic Chemistry</i> , 2019, 91, 103112.             | 4.1 | 33        |
| 8  | Synthesis of novel quinoline-based thiadiazole, evaluation of their antileishmanial potential and molecular docking studies. <i>Bioorganic Chemistry</i> , 2019, 85, 109-116.                                 | 4.1 | 25        |
| 9  | Exploring indole-based-thiadiazole derivatives as potent acetylcholinesterase and butyrylcholinesterase enzyme inhibitors. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 1025-1036.  | 7.5 | 20        |
| 10 | Synthesis, anti-leishmanial and molecular docking study of bis-indole derivatives. <i>BMC Chemistry</i> , 2019, 13, 102.  | 3.8 | 18        |
| 11 | Advance Genome Disorder Prediction Model Empowered With Deep Learning. <i>IEEE Access</i> , 2022, 10, 70317-70328.  | 4.2 | 15        |
| 12 | Synthesis of oxadiazole-coupled-thiadiazole derivatives as a potent $\hat{I}^2$ -glucuronidase inhibitors and their molecular docking study. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3145-3155. | 3.0 | 13        |
| 13 | 2,5-Disubstituted thiadiazoles as potent $\hat{I}^2$ -glucuronidase inhibitors; Synthesis, in vitro and in silico studies. <i>Bioorganic Chemistry</i> , 2019, 91, 103126.                                    | 4.1 | 12        |
| 14 | Automated discovery of multi-faceted ontologies for accurate query answering and future semantic reasoning. <i>Data and Knowledge Engineering</i> , 2013, 87, 405-424.  | 3.4 | 11        |
| 15 | Literature Review of Attribute Level and Structure Level Data Linkage Techniques. <i>International Journal of Data Mining &amp; Knowledge Management Process</i> , 2015, 5, 01-20.                            | 0.1 | 10        |
| 16 | Indole bearing thiadiazole analogs: synthesis, $\hat{I}^2$ -glucuronidase inhibition and molecular docking study. <i>BMC Chemistry</i> , 2019, 13, 14.  | 3.8 | 10        |
| 17 | Ensemble Machine Learning Model to Predict the Waterborne Syndrome. <i>Algorithms</i> , 2022, 15, 93.   | 2.1 | 10        |
| 18 | Synthesis of Thymidine Phosphorylase Inhibitor Based on Quinoxaline Derivatives and Their Molecular Docking Study. <i>Molecules</i> , 2019, 24, 1002.   | 3.8 | 9         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Inhibition potential of phenyl linked benzimidazole-triazolothiadiazole modular hybrids against $\beta$ -glucuronidase and their interactions thereof. International Journal of Biological Macromolecules, 2020, 161, 355-363. | 7.5 | 9         |
| 20 | Synthesis, thymidine phosphorylase, angiogenic inhibition and molecular docking study of isoquinoline derivatives. Bioorganic Chemistry, 2019, 89, 102999.   | 4.1 | 8         |
| 21 | Ontology Guided Data Linkage Framework for Discovering Meaningful Data Facts. Lecture Notes in Computer Science, 2011, , 252-265.  | 1.3 | 7         |
| 22 | Saudi Rural Breast Cancer Prevention Framework. , 2015, , .  |     | 6         |
| 23 | Approximate Record Matching Using Hash Grams. , 2011, , .  |     | 5         |
| 24 | Synthesis of Chromen-4-One-Oxadiazole Substituted Analogs as Potent $\beta$ -Glucuronidase Inhibitors. Molecules, 2019, 24, 1528.  | 3.8 | 5         |
| 25 | The Saudi Recycling eCommerce Framework. , 2015, , .   |     | 1         |