

# Lubna Maryam

## List of Publications by Year in descending order

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13  
papers

544  
citations

1163117

8  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational resources in the management of antibiotic resistance: Speeding up drug discovery. <i>Drug Discovery Today</i> , 2021, 26, 2138-2151.	6.4	11
2	A Web-Based Platform on Coronavirus Disease-19 to Maintain Predicted Diagnostic, Drug, and Vaccine Candidates. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2020, 39, 204-216.	1.6	25
3	A mechanistic approach to prove the efficacy of combination therapy against New Delhi metallo- $\beta$ -lactamases producing bacterial strain: a molecular and biochemical approach. <i>European Journal of Medical Research</i> , 2020, 25, 19.	2.2	2
4	Synergistic effect of doripenem in combination with cefoxitin and tetracycline in inhibiting NDM-1 producing bacteria. <i>Future Microbiology</i> , 2019, 14, 671-689.	2.0	8
5	Significant role of Asn-247 and Arg-64 residues in close proximity of the active site in maintaining the catalytic function of CTX-M-15 type $\beta$ -lactamase. <i>RSC Advances</i> , 2019, 9, 5325-5337.	3.6	6
6	Understanding the mode of binding mechanism of doripenem to human serum albumin: Spectroscopic and molecular docking approaches. <i>Journal of Molecular Recognition</i> , 2018, 31, e2710.	2.1	7
7	Designing of inhibitors against CTX-M-15 type $\beta$ -lactamase: potential drug candidate against $\beta$ -lactamases-producing multi-drug-resistant bacteria. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1806-1821.	3.5	19
8	Combination of aztreonam and cefotaxime against CTX-M-15 type $\beta$ -lactamases: A mechanism based effective therapeutic approach. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 1186-1195.	7.5	12
9	Structure, Genetics and Worldwide Spread of New Delhi Metallo- $\beta$ -lactamase (NDM): a threat to public health. <i>BMC Microbiology</i> , 2017, 17, 101.	3.3	387
10	Structural insight into mode of binding of Meropenem to CTX-M-15 type $\beta$ -lactamase. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 78-86.	7.5	8
11	Synergistic Effect of Doripenem and Cefotaxime to Inhibit CTX-M-15 Type $\beta$ -Lactamases: Biophysical and Microbiological Views. <i>Frontiers in Pharmacology</i> , 2017, 8, 449.	3.5	15
12	A Mechanism of Synergistic Effect of Streptomycin and Cefotaxime on CTX-M-15 Type $\beta$ -lactamase Producing Strain of <i>E. cloacae</i> : A First Report. <i>Frontiers in Microbiology</i> , 2016, 7, 2007.	3.5	16
13	Activation of Human Salivary Aldehyde Dehydrogenase by Sulforaphane: Mechanism and Significance. <i>PLoS ONE</i> , 2016, 11, e0168463.	2.5	27