

# Ashfaq Ahmad

## List of Publications by Year in descending order

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13  
papers

237  
citations

1307594

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1125743

13  
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15  
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15  
docs citations

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times ranked

421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Omicron N501Y mutation among SARS-CoV-2 lineages: In silico analysis of potent binding to tyrosine kinase and hypothetical repurposed medicine. <i>Travel Medicine and Infectious Disease</i> , 2022, 45, 102242.	3.0	25
2	Targeting omicron and other reported SARS-CoV-2 lineages by potent inhibitors of main protease 3CL Mpro: Molecular simulation analysis. <i>Journal of Infection</i> , 2022, 84, e133-e136.	3.3	3
3	Prevalence, virulence-related genes and antimicrobial resistance of <i>Aeromonas</i> spp. from loach <i>Misgurnus anguillicaudatus</i> with skin ulcer and healthy controls in Southern China. <i>Aquaculture</i> , 2022, 552, 738040.	3.5	10
4	Structure-guided optimization of D-captopril for discovery of potent NDM-1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 29, 115902.	3.0	14
5	Dynamics and conformational propensities of staphylococcal CntA. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 39, 1-13.	3.5	1
6	Two-component systems regulate ABC transporters in antimicrobial peptide production, immunity and resistance. <i>Microbiology (United Kingdom)</i> , 2020, 166, 4-20.	1.8	24
7	Active-Site Conformational Fluctuations Promote the Enzymatic Activity of NDM-1. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	58
8	Conformational Hotspots of Dengue Virus NS5 RdRp. <i>Current Bioinformatics</i> , 2018, 13, 310-318.	1.5	3
9	Conformational dynamics of the essential sensor histidine kinase Walk. <i>Acta Crystallographica Section D: Structural Biology</i> , 2017, 73, 793-803.	2.3	28
10	High resolution crystal structure of the catalytic domain of MCR-1. <i>Scientific Reports</i> , 2016, 6, 39540.	3.3	65
11	Conformational Dynamics of Response Regulator RegX3 from <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2015, 10, e0133389.	2.5	4
12	Structural and functional features of Streptolysin O. <i>International Journal of Bioinformatics Research and Applications</i> , 2011, 7, 427.	0.2	1
13	Effects of tobacco (smoking and snuffing) in type 2 diabetic patients. <i>International Journal of Food Safety, Nutrition and Public Health</i> , 2011, 4, 196.	0.1	1