Somdutt Mujwar

List of Publications by Year
in descending order

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24 papers	656 citations	471371 17 h-index	610775 24 g-index
26 all docs	26 docs citations	26 times ranked	205 citing authors

#	Article	IF	Citations
1	Repurposing metocurine as main protease inhibitor to develop novel antiviral therapy for COVID-19. Structural Chemistry, 2020, 31, 2487-2499.	1.0	51
2	A retrospect on antimicrobial potential of thiazole scaffold. Journal of Heterocyclic Chemistry, 2020, 57, 2304-2329.	1.4	47
3	Computational repurposing of tamibarotene against triple mutant variant of SARS-CoV-2. Computers in Biology and Medicine, 2021, 136, 104748.	3.9	45
4	Cyclin-dependent kinases in DNA damage response. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188716.	3.3	39
5	Molecular Docking andIn SilicoCogitation Validate Mefenamic Acid Prodrugs as Human Cyclooxygenase-2 Inhibitor. Assay and Drug Development Technologies, 2019, 17, 285-291.	0.6	37
6	Targeting carbonic anhydrase IX and XII isoforms with small molecule inhibitors and monoclonal antibodies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 1278-1298.	2.5	36
7	Drug Repurposing Approach for Developing Novel Therapy Against Mupirocin-ResistantStaphylococcus aureus. Assay and Drug Development Technologies, 2019, 17, 298-309.	0.6	33
8	Impact of diabetes on male sexual function in streptozotocin-induced diabetic rats: Protective role of soluble epoxide hydrolase inhibitor. Biomedicine and Pharmacotherapy, 2019, 115, 108897.	2.5	32
9	In silico evaluation of foodâ€derived carotenoids against <scp>SARSâ€CoV</scp> â€2 drug targets: Crocin is a promising dietary supplement candidate for <scp>COVID</scp> â€19. Journal of Food Biochemistry, 2022, 46, e14219.	1.2	31
10	Computational Drug Repurposing Approach to Identify Potential Fatty Acid-Binding Protein-4 Inhibitors to Develop Novel Antiobesity Therapy. Assay and Drug Development Technologies, 2020, 18, 318-327.	0.6	30
11	Prediction of Riboswitch as a Potential Drug Target for Infectious Diseases: An Insilico Case Study of Anthrax. Journal of Medical Imaging and Health Informatics, 2015, 5, 7-16.	0.2	29
12	Discovery of adapalene and dihydrotachysterol as antiviral agents for the Omicron variant of SARS-CoV-2 through computational drug repurposing. Molecular Diversity, 2023, 27, 463-475.	2.1	25
13	Computational Design and Biological Depiction of Novel Naproxen Derivative. Assay and Drug Development Technologies, 2020, 18, 308-317.	0.6	23
14	Molecular Docking Based Analysis to Elucidate the DNA Topoisomerase IIÎ² as the Potential Target for the Ganoderic Acid; A Natural Therapeutic Agent in Cancer Therapy. Current Computer-Aided Drug Design, 2020, 16, 176-189.	0.8	21
15	Computational bioprospecting of andrographolide derivatives as potent cyclooxygenase-2 inhibitors. Biomedical and Biotechnology Research Journal, 2021, 5, 446.	0.3	21
16	Repurposing benzbromarone as antifolate to develop novel antifungal therapy for Candida albicans. Journal of Molecular Modeling, 2022, 28, .	0.8	21
17	Docking based screening of curcumin derivatives: a novel approach in the inhibition of tubercular DHFR. International Journal of Computational Biology and Drug Design, 2021, 14, 297.	0.3	20
18	Preparation of Novel Pyrazolo[4,3-e]tetrazolo[1,5-b][1,2,4]triazine Sulfonamides and Their Experimental and Computational Biological Studies. International Journal of Molecular Sciences, 2022, 23, 5892.	1.8	20

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19	Prediction of riboswitch as a potential drug target and design of its optimal inhibitors for Mycobacterium tuberculosis. International Journal of Computational Biology and Drug Design, 2015, 8, 326.	0.3	19
20	â€œIn-silico Prediction of Riboswitches and Design of their Potent Inhibitors for H1N1, H2N2 and H3N2 Strains of Influenza Virusâ€• Biosciences, Biotechnology Research Asia, 2015, 12, 2173-2186.	0.2	19
21	In-silico analysis of riboswitch of Nocardia farcinica for design of its inhibitors and pharmacophores. International Journal of Computational Biology and Drug Design, 2016, 9, 261.	0.3	18
22	In silico bioprospecting of taraxerol as a main protease inhibitor of SARS-CoV-2 to develop therapy against COVID-19. Structural Chemistry, 2022, 33, 1517-1528.	1.0	18
23	Cyclin-Dependent Kinase Synthetic Lethality Partners in DNA Damage Response. International Journal of Molecular Sciences, 2022, 23, 3555.	1.8	11
24	in silico Anti-Cholinestarase Activity of Flavonoids: A Computational Approach. Asian Journal of Chemistry, 2019, 31, 2859-2864.	0.1	2