

Chetan Mehta

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

499
citations

758635
12
h-index

713013
21
g-index

27
all docs

27
docs citations

27
times ranked

688
citing authors

#	ARTICLE	IF	CITATIONS
1	Repositioning of antidiabetic drugs for Alzheimer's disease: possibility of Wnt signaling modulation by targeting LRP6 an <i>in silico</i> based study. Journal of Biomolecular Structure and Dynamics, 2022, 40, 9577-9591.	2.0	5
2	Structure-based docking, pharmacokinetic evaluation, and molecular dynamics-guided evaluation of traditional formulation against SARS-CoV-2 spike protein receptor bind domain and ACE2 receptor complex. Chemical Papers, 2022, 76, 1063-1083.	1.0	9
3	Molecular pathways and role of epigenetics in the idiopathic pulmonary fibrosis. Life Sciences, 2022, 291, 120283.	2.0	18
4	Molecular dynamics and structure-based virtual screening and identification of natural compounds as Wnt signaling modulators: possible therapeutics for Alzheimer's disease. Molecular Diversity, 2022, 26, 2793-2811.	2.1	8
5	Comparative Evaluation of the Effectiveness of a Combination of Absorbable Gelatin Sponge and Calendula officinalis with Absorbable Gelatin Sponge Used Alone as a Hemostatic Agent An In-Vitro Study. Dentistry Journal, 2022, 10, 76.	0.9	2
6	Prospecting for Cressa cretica to treat COVID-19 via <i>in silico</i> molecular docking models of the SARS-CoV-2. Journal of Biomolecular Structure and Dynamics, 2021, , 1-10.	2.0	14
7	Targeting SARS-CoV-2 Main Protease: A Computational Drug Repurposing Study. Archives of Medical Research, 2021, 52, 38-47.	1.5	46
8	Long-Acting Formulations: A Promising Approach for the Treatment of Chronic Diseases. Current Pharmaceutical Design, 2021, 27, 876-889.	0.9	2
9	SARS-CoV-2 entry inhibitors by dual targeting TMPRSS2 and ACE2: An <i>in silico</i> drug repurposing study. European Journal of Pharmacology, 2021, 896, 173922.	1.7	29
10	Chitosan-glucuronic acid conjugate coated mesoporous silica nanoparticles: A smart pH-responsive and receptor-targeted system for colorectal cancer therapy. Carbohydrate Polymers, 2021, 261, 117893.	5.1	45
11	Structurally nanoengineered antimicrobial peptide polymers: design, synthesis and biomedical applications. World Journal of Microbiology and Biotechnology, 2021, 37, 139.	1.7	3
12	Iterated Virtual Screening-Assisted Antiviral and Enzyme Inhibition Assays Reveal the Discovery of Novel Promising Anti-SARS-CoV-2 with Dual Activity. International Journal of Molecular Sciences, 2021, 22, 9057.	1.8	14
13	Advances and challenges in nintedanib drug delivery. Expert Opinion on Drug Delivery, 2021, 18, 1687-1706.	2.4	3
14	Development of lapatinib nanosponges for enhancing bioavailability. Journal of Drug Delivery Science and Technology, 2021, 65, 102684.	1.4	13
15	Implications of phase solubility/miscibility and drug-rich phase formation on the performance of co-amorphous materials: The case of Darunavir co-amorphous materials with Ritonavir and Indomethacin as co-formers. International Journal of Pharmaceutics, 2021, 608, 121119.	2.6	2
16	Identification of novel small molecule inhibitors for endoplasmic reticulum oxidoreductase 1 α (ERO1 α) enzyme: structure-based molecular docking and molecular dynamic simulation studies. Journal of Biomolecular Structure and Dynamics, 2021, , 1-15.	2.0	1
17	Design and development of surface modified epigallocatechin 3-gallate NanoCubogel for localized delivery to oral submucous fibrosis therapy. Journal of Drug Delivery Science and Technology, 2021, 66, 102911.	1.4	2
18	Hit identification and drug repositioning of potential non-nucleoside reverse transcriptase inhibitors by structure-based approach using computational tools (part II). Journal of Biomolecular Structure and Dynamics, 2020, 38, 3772-3789.	2.0	11

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19	Antimicrobial peptide polymers: no escape to ESKAPE pathogens—a review. World Journal of Microbiology and Biotechnology, 2020, 36, 131.	1.7	53
20	Multiple approaches for achieving drug solubility: an in silico perspective. Drug Discovery Today, 2020, 25, 1206-1212.	3.2	28
21	Targeting SARS-CoV-2 RNA-dependent RNA polymerase: An in silico drug repurposing for COVID-19. F1000Research, 2020, 9, 1166.	0.8	49
22	Nanosponges-Revolutionary Approach: A Review. Research Journal of Pharmacy and Technology, 2020, 13, 3536.	0.2	8
23	In Silico Drug Repurposing of Penicillins to Target Main Protease M ^{pro} of SARS-CoV-2. Pharmaceutical Sciences, 2020, 26, S52-S62.	0.1	3
24	Molecular simulation driven experiment for formulation of fixed dose combination of Darunavir and Ritonavir as anti-HIV nanosuspension. Journal of Molecular Liquids, 2019, 293, 111469.	2.3	23
25	Computational modeling for formulation design. Drug Discovery Today, 2019, 24, 781-788.	3.2	59
26	Localized In Situ Nanoemulgel Drug Delivery System of Quercetin for Periodontitis: Development and Computational Simulations. Molecules, 2018, 23, 1363.	1.7	49