Chetan Mehta

List of Publications by Year
in descending order

26	499	759055 12	713332 21
papers	citations	h-index	g-index

27	27	27	688
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational modeling for formulation design. Drug Discovery Today, 2019, 24, 781-788.	3.2	59
2	Antimicrobial peptide polymers: no escape to ESKAPE pathogensâ€”a review. World Journal of Microbiology and Biotechnology, 2020, 36, 131.	1.7	53
3	Localized In Situ Nanoemulgel Drug Delivery System of Quercetin for Periodontitis: Development and Computational Simulations. Molecules, 2018, 23, 1363.	1.7	49
4	Targeting SARS-CoV-2 RNA-dependent RNA polymerase: An in silico drug repurposing for COVID-19. F1000Research, 2020, 9, 1166.	0.8	49
5	Targeting SARS-CoV-2 Main Protease: A Computational Drug Repurposing Study. Archives of Medical Research, 2021, 52, 38-47.	1.5	46
6	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
7	SARS-CoV-2 entry inhibitors by dual targeting TMPRSS2 and ACE2: An in silico drug repurposing study. European Journal of Pharmacology, 2021, 896, 173922.	1.7	29
8	Multiple approaches for achieving drug solubility: an in silico perspective. Drug Discovery Today, 2020, 25, 1206-1212.	3.2	28
9	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
10	Molecular pathways and role of epigenetics in the idiopathic pulmonary fibrosis. Life Sciences, 2022, 291, 120283.	2.0	18
11	Prospecting for Cressa cretica to treat COVID-19 via in silico molecular docking models of the SARS-CoV-2. Journal of Biomolecular Structure and Dynamics, 2021, , 1-10.	2.0	14
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	Development of lapatinib nanosponges for enhancing bioavailability. Journal of Drug Delivery Science and Technology, 2021, 65, 102684.	1.4	13
14	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
15	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
16	Nanosponges-Revolutionary Approach: A Review. Research Journal of Pharmacy and Technology, 2020, 13, 3536.	0.2	8
17	Molecular dynamics and structure-based virtual screening and identification of natural compounds as Wnt signaling modulators: possible therapeutics for Alzheimerâ€™s disease. Molecular Diversity, 2022, 26, 2793-2811.	2.1	8
18	Repositioning of antidiabetic drugs for Alzheimerâ€™s disease: possibility of Wnt signaling modulation by targeting LRP6 an in silico based study. Journal of Biomolecular Structure and Dynamics, 2022, 40, 9577-9591.	2.0	5

#	Article	IF	Citations
19	Structurally nanoengineered antimicrobial peptide polymers: design, synthesis and biomedical applications. World Journal of Microbiology and Biotechnology, 2021, 37, 139.	1.7	3
20	Advances and challenges in nintedanib drug delivery. Expert Opinion on Drug Delivery, 2021, 18, 1687-1706.	2.4	3
21	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
22	Long-Acting Formulations: A Promising Approach for the Treatment of Chronic Diseases. Current Pharmaceutical Design, 2021, 27, 876-889.	0.9	2
23	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
24	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
25	Comparative Evaluation of the Effectiveness of a Combination of Absorbable Gelatin Sponge and Calendula officinalis with Absorbable Gelatin Sponge Used Alone as a Hemostatic Agentâ€”An In-Vitro Study. Dentistry Journal, 2022, 10, 76.	0.9	2
26	Identification of novel small molecule inhibitors for endoplasmic reticulum oxidoreductase 1Î± (ERO1Î±) enzyme: structure-based molecular docking and molecular dynamic simulation studies. Journal of Biomolecular Structure and Dynamics, 2021, , 1-15.	2.0	1