Vivek Chandramohan

List of Publications by Year
in descending order

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42	578	759233 12	677142 22
papers	citations	h-index	g-index

44	44	44	629
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In silico screening of phytochemical compounds and FDA drugs as potential inhibitors for NSP16/10 5' methyl transferase activity. Journal of Biomolecular Structure and Dynamics, 2023, 41, 221-233.	3.5	5
2	Targeting Imd pathway receptor in Drosophila melanogaster and repurposing of phyto-inhibitors: structural modulation and molecular dynamics. Journal of Biomolecular Structure and Dynamics, 2022, 40, 1659-1670.	3.5	5
3	In silico screening of therapeutic potentials from Strychnos nux-vomica against the dimeric main protease (M^{pro}) structure of SARS-CoV-2. Journal of Biomolecular Structure and Dynamics, 2022, 40, 7796-7814.	3.5	17
4	Computational study for identifying promising therapeutic agents of hydroxychloroquine analogues against SARSâ€CoVâ€2. Journal of Biomolecular Structure and Dynamics, 2022, 40, 11822-11836.	3.5	4
5	Delivery of Ursolic Acid by Polyhydroxybutyrate Nanoparticles for Cancer Therapy: in silico and in vitro Studies. Drug Research, 2022, 72, 72-81.	1.7	4
6	Exploring Banana phytosterols (Beta-sitosterol) on tight junction protein (claudin) as anti-urolithiasis contributor in Drosophila: A phyto-lithomic approach. Informatics in Medicine Unlocked, 2022, 29, 100905.	3.4	1
7	In Silico Study on the Inhibition of UDP-N-Acetylglucosamine 1-Carboxy Vinyl Transferase from Salmonella typhimurium by the Lipopeptide Produced from Bacillus aryabhattai. International Journal of Peptide Research and Therapeutics, 2022, 28, 1.	1.9	9
8	In Silico Molecular Docking Analysis of Karanjin against Alzheimerâ€™s and Parkinsonâ€™s Diseases as a Potential Natural Lead Molecule for New Drug Design, Development and Therapy. Molecules, 2022, 27, 2834.	3.8	23
9	In-silico analysis of deleterious single nucleotide polymorphisms of PNMT gene. Molecular Simulation, 2022, 48, 1411-1425.	2.0	6
10	Blumea lacera DC., accelerates the healing of acetic acid induced ulcerative colitis in rats by regulating oxidative stress and colonic inflammation: in-vivo and in silico molecular docking experiments. Advances in Traditional Medicine, 2021, 21, 463-474.	2.0	0
11	In silicoidentification of potential inhibitors fromCinnamonagainst main protease and spike glycoprotein of SARS CoV-2. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4618-4632.	3.5	108
12	Formulation and evaluation of rutin-loaded solid lipid nanoparticles for the treatment of brain tumor. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 735-749.	3.0	25
13	In-silico strategies of some selected phytoconstituents from Melissa officinalis as SARS CoV-2 main protease and spike protein (COVID-19) inhibitors. Molecular Simulation, 2021, 47, 457-470.	2.0	19
14	N'-((3-(substituted phenyl)-1-phenyl-1H-Pyrazol-4-yl)methylene)-(substituted) benzhydrazide: Synthesis, characterization and pharmacological evaluation. Chemical Data Collections, 2021, 32, 100665.	2.3	4
15	Study of mangal based naphthoquinone derivatives anticancer potential towards chemo-resistance related Never in mitosis gene A-related kinase 2-Insilico approach. Molecular Simulation, 2021, 47, 1078-1092.	2.0	3
16	Investigation of the reactivity properties of a thiourea derivative with anticancer activity by DFT and MD simulations. Journal of Molecular Modeling, 2021, 27, 217.	1.8	21
17	Structural and functional analysis of disease-associated mutations in GOT1 gene: An in silico study. Computers in Biology and Medicine, 2021, 136, 104695.	7.0	12
18	Structural modulation of dual oxidase (Duox) in Drosophila melanogaster by phyto-elicitors: A free energy study with molecular dynamics approach. Informatics in Medicine Unlocked, 2021, 27, 100811.	3.4	0

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19	Structural insights of metallo-beta-lactamase revealed an effective way of inhibition of enzyme by natural inhibitors. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3757-3771.	3.5	47
20	Nephroprotective effect of Combretum micranthum G. Don in nicotinamide-streptozotocin induced diabetic nephropathy in rats: In-vivo and in-silico experiments. Journal of Ethnopharmacology, 2020, 261, 113133.	4.1	14
21	Detailed spectra, electronic properties, qualitative non-covalent interaction analysis, solvatochromism, docking and molecular dynamics simulations in different solvent atmosphere of cenobamate. Structural Chemistry, 2020, 31, 2475-2485.	2.0	45
22	Structural (SC-XRD), spectroscopic, DFT, MD investigations and molecular docking studies of a hydrazone derivative. Chemical Data Collections, 2020, 30, 100588.	2.3	7
23	DFT and MD simulations and molecular docking of co-crystals of octafluoro-1,4-diiodobutane with phenazine and acridine. Structural Chemistry, 2020, 31, 2525-2531.	2.0	7
24	Synthesis, biological screening, in silico study and fingerprint applications of novel 1, 2, 4â€triazole derivatives. Journal of Heterocyclic Chemistry, 2020, 57, 2010-2023.	2.6	9
25	Design and Molecular dynamic Investigations of 7,8-Dihydroxyflavone Derivatives as Potential Neuroprotective Agents Against Alpha-synuclein. Scientific Reports, 2020, 10, 599.	3.3	41
26	Synthesis and characterization of dimeric Schiff base CoII, NiII, CuII complexes for their catalytic application of aerobic oxidation of alcohol and interaction with biomolecules. Inorganica Chimica Acta, 2020, 508, 119626.	2.4	13
27	In silico studies of bioactive phytocompounds with anticancer activity from in vivo and in vitro extracts of Justicia wynaadensis (Nees) T. Anderson. International Journal of Computational Biology and Drug Design, 2020, 13, 582.	0.3	0
28	Antioxidant, Antimicrobial, Molecular Docking Studies of Novel 2,6-bis(1,3-Thiazol-2-yl)-4-(3,4,5-trimethoxyphenyl)pyridine and its Cu(II) and Ni(II) Complexes. Asian Journal of Organic & Medicinal Chemistry, 2020, 5, 103-108.	0.0	0
29	Nephroprotective activity of Combretum micranthum G. Don in cisplatin induced nephrotoxicity in rats: In-vitro, in-vivo and in-silico experiments. Biomedicine and Pharmacotherapy, 2019, 116, 108961.	5.6	29
30	Benzyl and Sulfonyl Derivatives of N-(2,6-dimethylphenyl)-2-(piperazin-1-yl)acetamide (T2288): Biological Screening and Fingerprint applications. Oriental Journal of Chemistry, 2019, 35, 157-166.	0.3	6
31	A Facile Synthesis of Hydroxamic Acids ofNÎ±-Protected Amino Acids Employing BDMS, a Study of Their Molecular Docking and Their Antibacterial Activities. Organic Preparations and Procedures International, 2019, 51, 161-174.	1.3	1
32	Big Data Analysis Techniques for Visualization of Genomics in Medicinal Plants. , 2019, , 804-837.		0
33	Bioactive phenolic fraction of Citrus maxima abate lipopolysaccharide-induced sickness behaviour and anorexia in mice: In-silico molecular docking and dynamic studies of biomarkers against NF-Î²B. Biomedicine and Pharmacotherapy, 2018, 108, 1535-1545.	5.6	13
34	Big Data Analysis Techniques for Visualization of Genomics in Medicinal Plants. Advances in Data Mining and Database Management Book Series, 2018, , 749-781.	0.5	0
35	Bromodimethylsulfonium bromide: A novel reagent for the one pot synthesis of potent NÎ±-ureido peptides and study of molecular docking and antibacterial activities. Scientia Iranica, 2018, .	0.4	0
36	Prediction of deleterious single nucleotide polymorphisms and their effect on the sequence and structure of the human CCND1 gene. Journal of Taibah University Medical Sciences, 2017, 12, 221-228.	0.9	1

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37	Synthesis of NÎ±-protected amino/peptide Weinreb amides employing N,N'-carbonyldiimidazole as activating agent; studies on docking and antibacterial activities. Arkivoc, 2016, 2016, 339-351.	0.5	4
38	Evaluation of Phytoconstituents and Molecular Docking Against NS3 Protease of Hepatitis C Virus. Journal of Pharmaceutical Sciences and Pharmacology, 2015, 2, 96-103.	0.2	3
39	Evaluating Andrographolide as a Potent Inhibitor of NS3-4A Protease and Its Drug-Resistant Mutants UsingIn SilicoApproaches. Advances in Virology, 2015, 2015, 1-9.	1.1	34
40	Identification of Deleterious SNPs and Their Effects on Structural Level in CHRNA3 Gene. Biochemical Genetics, 2015, 53, 159-168.	1.7	9
41	Molecular docking and dynamic studies of bioactive compounds from Naravelia zeylanica (L.) DC against glycogen synthase kinase-3Î² protein. Journal of Taibah University for Science, 2015, 9, 41-49.	2.5	17
42	In silico analysis and identification of novel inhibitor for new H1N1 swine influenza virus. Asian Pacific Journal of Tropical Disease, 2014, 4, S635-S640.	0.5	11