Hamed S Hayatshahi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1743992/publications.pdf

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19	374	840728 11	839512 18
papers	citations	h-index	g-index

21	21	21	675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Quick Route to Multiple Highly Potent SARSâ€CoVâ€2 Main Protease Inhibitors**. ChemMedChem, 2021, 16, 942-948.	3.2	92
2	A Genetically Encoded, Phageâ€Displayed Cyclicâ€Peptide Library. Angewandte Chemie - International Edition, 2019, 58, 15904-15909.	13.8	64
3	Novel hybrid method for the evaluation of parameters contributing in determination of protein structural classes. Journal of Theoretical Biology, 2007, 244, 275-281.	1.7	35
4	Structural and functional insights into the bona fide catalytic state of Streptococcus pyogenes Cas9 HNH nuclease domain. ELife, 2019, 8, .	6.0	25
5	Analogues of Arylamide Phenylpiperazine Ligands To Investigate the Factors Influencing D3 Dopamine Receptor Bitropic Binding and Receptor Subtype Selectivity. ACS Chemical Neuroscience, 2018, 9, 2972-2983.	3.5	23
6	Consensus Conformations of Dinucleoside Monophosphates Described with Well-Converged Molecular Dynamics Simulations. Journal of Chemical Theory and Computation, 2018, 14, 1456-1470.	5.3	21
7	Stress and interferon signalling-mediated apoptosis contributes to pleiotropic anticancer responses induced by targeting NGLY1. British Journal of Cancer, 2018, 119, 1538-1551.	6.4	17
8	Design, synthesis, and evaluation of N-(4-(4-phenyl piperazin-1-yl)butyl)-4-(thiophen-3-yl)benzamides as selective dopamine D3 receptor ligands. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2690-2694.	2.2	17
9	Probing Protein Allostery as a Residue-Specific Concept via Residue Response Maps. Journal of Chemical Information and Modeling, 2019, 59, 4691-4705.	5.4	17
10	Computational Assessment of Potassium and Magnesium Ion Binding to a Buried Pocket in GTPase-Associating Center RNA. Journal of Physical Chemistry B, 2017, 121, 451-462.	2.6	15
11	Structural and Energetic Analysis of 2-Aminobenzimidazole Inhibitors in Complex with the Hepatitis C Virus IRES RNA Using Molecular Dynamics Simulations. Journal of Chemical Information and Modeling, 2014, 54, 1758-1772.	5.4	12
12	QSARs and activity predicting models for competitive inhibitors of adenosine deaminase. FEBS Letters, 2007, 581, 506-514.	2.8	10
13	Investigating the ion dependence of the first unfolding step of GTPase-Associating Center ribosomal RNA. Journal of Biomolecular Structure and Dynamics, 2018, 36, 243-253.	3.5	8
14	A novel hybrid method of beta-turn identification in protein using binary logistic regression and neural network. EXCLI Journal, 2012, 11, 346-56.	0.7	5
15	Allosteric Modulation of Small Molecule Drugs on ACE2 Conformational Change upon Binding to SARS-CoV-2 Spike Protein. , 2021, , .		5
16	Non-linear quantitative structureâ€“activity relationship for adenine derivatives as competitive inhibitors of adenosine deaminase. Biochemical and Biophysical Research Communications, 2005, 338, 1137-1142.	2.1	4
17	Factors Governing Selectivity of Dopamine Receptor Binding Compounds for D2R and D3R Subtypes. Journal of Chemical Information and Modeling, 2021, 61, 2829-2843.	5.4	2
18	Filtering out Low-Affinity Bitropic Ligands for Dopamine Receptors Based on Ligand Conformation. ACS Chemical Neuroscience, 2020, 11, 2523-2527.	3.5	1

#	Article	IF	Citations
19	Novel Use of Hypoxia-Inducible Polymerizable Protein to Augment Chemotherapy for Pancreatic Cancer. Pharmaceutics, 2022, 14, 128.	4.5	1