Isaias Lans

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6844422/publications.pdf

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23 papers	337 citations	933447 10 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	396 citing authors

#	Article	IF	Citations
1	Exponential consensus ranking improves the outcome in docking and receptor ensemble docking. Scientific Reports, 2019, 9, 5142.	3.3	89
2	Theoretical Study of the Mechanism of the Hydride Transfer between Ferredoxinâ€“NADP⁺ Reductase and NADP⁺: The Role of Tyr303. Journal of the American Chemical Society, 2012, 134, 20544-20553.	13.7	40
3	Mechanism of the Hydride Transfer between Anabaena Tyr303Ser FNR_{rd}/FNR_{ox} and NADP⁺/H. A Combined Pre-Steady-State Kinetic/Ensemble-Averaged Transition-State Theory with Multidimensional Tunneling Study. Journal of Physical Chemistry B, 2010, 114, 3368-3379.	2.6	27
4	Structural insights into the synthesis of FMN in prokaryotic organisms. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 2526-2542.	2.5	25
5	Discovery of antimicrobial compounds targeting bacterial type FAD synthetases. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 241-254.	5.2	23
6	Shining Light on an mGlu5 Photoswitchable NAM: A Theoretical Perspective. Current Neuropharmacology, 2016, 14, 441-454.	2.9	18
7	The transient catalytically competent coenzyme allocation into the active site of Anabaena ferredoxin NADP+-reductase. European Biophysics Journal, 2012, 41, 117-128.	2.2	17
8	Selective Protonation of Acidic Residues Triggers Opsin Activation. Journal of Physical Chemistry B, 2015, 119, 9510-9519.	2.6	15
9	Application of ensemble pharmacophore-based virtual screening to the discovery of novel antimitotic tubulin inhibitors. Computational and Structural Biotechnology Journal, 2021, 19, 4360-4372.	4.1	14
10	Understanding the FMN cofactor chemistry within the Anabaena Flavodoxin environment. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 2118-2127.	1.0	11
11	The Dimer-of-Trimers Assembly Prevents Catalysis at the Transferase Site of Prokaryotic FAD Synthase. Biophysical Journal, 2018, 115, 988-995.	0.5	11
12	Entropy drives the insertion of ibuprofen into model membranes. Physical Chemistry Chemical Physics, 2018, 20, 24869-24876.	2.8	11
13	In silico discovery and biological validation of ligands of FAD synthase, a promising new antimicrobial target. PLoS Computational Biology, 2020, 16, e1007898.	3.2	11
14	Flexi-pharma: a molecule-ranking strategy for virtual screening using pharmacophores from ligand-free conformational ensembles. Journal of Computer-Aided Molecular Design, 2020, 34, 1063-1077.	2.9	9
15	Computational Evaluation of Interaction Between Curcumin Derivatives and Amyloid-Î² Monomers and Fibrils: Relevance to Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2020, 82, 1-13.	2.6	6
16	Spin Densities in Flavin Analogs within a Flavoprotein. Biophysical Journal, 2016, 110, 561-571.	0.5	3
17	Government influence on e-government adoption by citizens in Colombia: Empirical evidence in a Latin American context. PLoS ONE, 2022, 17, e0264495.	2.5	3
18	Factors influencing citizensâ€™ adoption of e-government: an empirical validation in a Developing Latin American Country. Public Management Review, 2024, 26, 185-218.	4.9	3

#	Article	IF	Citations
19	Molecular design of inhibitors against the Mproprotein of the severe acute respiratory syndrome (SARS) virus. New Journal of Chemistry, 2008, 32, 452-458.	2.8	1
20	Title is missing!. , 2020, 16, e1007898.		0
21	Title is missing!. , 2020, 16, e1007898.		0
22	Title is missing!. , 2020, 16, e1007898.		0
23	Title is missing!. , 2020, 16, e1007898.		0