Shahar Keinan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1774784/publications.pdf

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17	423	687363 13	888059 17
papers	citations	h-index	g-index

17	17	17	519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Design of Porphyrin-Based Nonlinear Optical Materials. Journal of Physical Chemistry A, 2008, 112, 12203-12207.	2.5	100
2	Lipidic prodrug approach for improved oral drug delivery and therapy. Medicinal Research Reviews, 2019, 39, 579-607.	10.5	54
3	Designing Molecules with Optimal Properties Using the Linear Combination of Atomic Potentials Approach in an AM1 Semiempirical Framework. Journal of Physical Chemistry A, 2007, 111, 176-181.	2.5	50
4	Computational design, synthesis and biological evaluation of para-quinone-based inhibitors for redox regulation of the dual-specificity phosphatase Cdc25B. Organic and Biomolecular Chemistry, 2008, 6, 3256.	2.8	45
5	Prospects and Challenges of Phospholipid-Based Prodrugs. Pharmaceutics, 2018, 10, 210.	4.5	24
6	Crystal Structure of Cleaved Serp-1, a Myxomavirus-Derived Immune Modulating Serpin: Structural Design of Serpin Reactive Center Loop Peptides with Improved Therapeutic Function. Biochemistry, 2018, 57, 1096-1107.	2.5	22
7	Immune protection is dependent on the gut microbiome in a lethal mouse gammaherpesviral infection. Scientific Reports, 2020, 10, 2371.	3.3	18
8	Phospholipid-Based Prodrugs for Drug Targeting in Inflammatory Bowel Disease: Computational Optimization and In-Vitro Correlation. Current Topics in Medicinal Chemistry, 2016, 16, 2543-2548.	2.1	18
9	Interfacial hydration, dynamics and electron transfer: multi-scale ET modeling of the transient [myoglobin, cytochrome b5] complex. Physical Chemistry Chemical Physics, 2012, 14, 13881.	2.8	16
10	Molecular Modeling-Guided Design of Phospholipid-Based Prodrugs. International Journal of Molecular Sciences, 2019, 20, 2210.	4.1	16
11	Phospholipid-Based Prodrugs for Colon-Targeted Drug Delivery: Experimental Study and In-Silico Simulations. Pharmaceutics, 2019, 11, 186.	4.5	16
12	Computational modeling and in-vitro/in-silico correlation of phospholipid-based prodrugs for targeted drug delivery in inflammatory bowel disease. Journal of Computer-Aided Molecular Design, 2017, 31, 1021-1028.	2.9	14
13	Leveraging Cloud Computing for In-Silico Drug Design Using the Quantum Molecular Design (QMD) Framework. Computing in Science and Engineering, 2018, 20, 66-73.	1.2	14
14	In Silico Prediction of Ligand Binding Energies in Multiple Therapeutic Targets and Diverse Ligand Setsâ€"A Case Study on BACE1, TYK2, HSP90, and PERK Proteins. Journal of Physical Chemistry B, 2017, 121, 8142-8148.	2.6	10
15	Activation of the Î² -common receptor by erythropoietin impairs acetylcholine-mediated vasodilation in mouse mesenteric arterioles. Physiological Reports, 2018, 6, e13751.	1.7	3
16	Computational design and experimental characterization of a novel Î²-common receptor inhibitory peptide. Peptides, 2018, 104, 1-6.	2.4	2
17	Deriving Immune-Modulating Peptides from Viral Serine Protease Inhibitors (Serpins). Methods in Molecular Biology, 2021, 2225, 107-123.	0.9	1