Lida Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10859521/publications.pdf

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20	280	840776 11	940533 16
papers	citations	h-index	g-index

20	20	20	338
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering high-robustness DNA molecular circuits by utilizing nucleases. Nanoscale, 2020, 12, 6964-6970.	5.6	16
2	Molecular mechanism for bidirectional regulation of CD44 for lipid raft affiliation by palmitoylations and PIP2. PLoS Computational Biology, 2020, 16, e1007777.	3.2	22
3	Coreness Variation Rule and Fast Updating Algorithm for Dynamic Networks. Symmetry, 2019, 11, 477.	2.2	2
4	Exploiting tandem repetitive promoters for high-level production of 3-hydroxypropionic acid. Applied Microbiology and Biotechnology, 2019, 103, 4017-4031.	3.6	32
5	Identifying influential spreaders based on indirect spreading in neighborhood. Physica A: Statistical Mechanics and Its Applications, 2019, 523, 418-425.	2.6	11
6	The dimerization of PSGLâ€1 is driven by the transmembrane domain via a leucine zipper motif. Proteins: Structure, Function and Bioinformatics, 2018, 86, 844-852.	2.6	1
7	Non-classical hydrogen bond triggered strand displacement for analytical applications and DNA nanostructure assembly. New Journal of Chemistry, 2018, 42, 6636-6639.	2.8	3
8	A study of the lipid-mediated dimerization of the RAGE TM+JM domains by molecular dynamic simulations. Chinese Chemical Letters, 2018, 29, 1151-1154.	9.0	6
9	Scaling tunable network model to reproduce the density-driven superlinear relation. Chaos, 2018, 28, 033122.	2.5	2
10	Engineering CRISPR interference system in Klebsiella pneumoniae for attenuating lactic acid synthesis. Microbial Cell Factories, 2018, 17, 56.	4.0	30
11	Molecular Dynamics of the Association of L-Selectin and FERM Regulated by PIP2. Biophysical Journal, 2018, 114, 1858-1868.	0.5	33
12	Insights into the transmembrane helix associations of kit ligand by molecular dynamics simulation and TOXCAT. Proteins: Structure, Function and Bioinformatics, 2017, 85, 1362-1370.	2.6	3
13	A Molecular Dynamics Study of the Short-Helical-Cytolytic Peptide Assembling and Bioactive on Membrane Interface. Journal of Physical Chemistry C, 2017, 121, 17263-17275.	3.1	5
14	Dimerization and Structural Stability of Amyloid Precursor Proteins Affected by the Membrane Microenvironments. Journal of Chemical Information and Modeling, 2017, 57, 1375-1387.	5.4	23
15	High-Resolution Insights into the Stepwise Self-Assembly of Nanofiber from Bioactive Peptides. Journal of Physical Chemistry B, 2017, 121, 7421-7430.	2.6	17
16	Insights into the Packing Switching of the EphA2 Transmembrane Domain by Molecular Dynamic Simulations. Journal of Physical Chemistry B, 2015, 119, 7816-7824.	2.6	15
17	Molecular Dynamic Simulation of the Self-Assembly of DAP12-NKG2C Activating Immunoreceptor Complex. PLoS ONE, 2014, 9, e105560.	2.5	10
18	Roles of Protein Ubiquitination and Degradation Kinetics in Biological Oscillations. PLoS ONE, 2012, 7, e34616.	2.5	22

#	Article	IF	Citations
19	Resonance drifts of spiral waves on media of periodic excitability. Physical Review E, 2012, 85, 046216.	2.1	13
20	Drifting dynamics of dense and sparse spiral waves in heterogeneous excitable media. Physical Review E, 2009, 79, 036212.	2.1	14