

# Lida Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

280  
citations

840776

11  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Dynamics of the Association of L-Selectin and FERM Regulated by PIP2. <i>Biophysical Journal</i> , 2018, 114, 1858-1868.	0.5	33
2	Exploiting tandem repetitive promoters for high-level production of 3-hydroxypropionic acid. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4017-4031.	3.6	32
3	Engineering CRISPR interference system in <i>Klebsiella pneumoniae</i> for attenuating lactic acid synthesis. <i>Microbial Cell Factories</i> , 2018, 17, 56.	4.0	30
4	Dimerization and Structural Stability of Amyloid Precursor Proteins Affected by the Membrane Microenvironments. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 1375-1387.	5.4	23
5	Roles of Protein Ubiquitination and Degradation Kinetics in Biological Oscillations. <i>PLoS ONE</i> , 2012, 7, e34616.	2.5	22
6	Molecular mechanism for bidirectional regulation of CD44 for lipid raft affiliation by palmitoylations and PIP2. <i>PLoS Computational Biology</i> , 2020, 16, e1007777.	3.2	22
7	High-Resolution Insights into the Stepwise Self-Assembly of Nanofiber from Bioactive Peptides. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7421-7430.	2.6	17
8	Engineering high-robustness DNA molecular circuits by utilizing nucleases. <i>Nanoscale</i> , 2020, 12, 6964-6970.	5.6	16
9	Insights into the Packing Switching of the EphA2 Transmembrane Domain by Molecular Dynamic Simulations. <i>Journal of Physical Chemistry B</i> , 2015, 119, 7816-7824.	2.6	15
10	Drifting dynamics of dense and sparse spiral waves in heterogeneous excitable media. <i>Physical Review E</i> , 2009, 79, 036212.	2.1	14
11	Resonance drifts of spiral waves on media of periodic excitability. <i>Physical Review E</i> , 2012, 85, 046216.	2.1	13
12	Identifying influential spreaders based on indirect spreading in neighborhood. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 523, 418-425.	2.6	11
13	Molecular Dynamic Simulation of the Self-Assembly of DAP12-NKG2C Activating Immunoreceptor Complex. <i>PLoS ONE</i> , 2014, 9, e105560.	2.5	10
14	A study of the lipid-mediated dimerization of the RAGE TM+JM domains by molecular dynamic simulations. <i>Chinese Chemical Letters</i> , 2018, 29, 1151-1154.	9.0	6
15	A Molecular Dynamics Study of the Short-Helical-Cytolytic Peptide Assembling and Bioactive on Membrane Interface. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17263-17275.	3.1	5
16	Insights into the transmembrane helix associations of kit ligand by molecular dynamics simulation and TOXCAT. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1362-1370.	2.6	3
17	Non-classical hydrogen bond triggered strand displacement for analytical applications and DNA nanostructure assembly. <i>New Journal of Chemistry</i> , 2018, 42, 6636-6639.	2.8	3
18	Scaling tunable network model to reproduce the density-driven superlinear relation. <i>Chaos</i> , 2018, 28, 033122.	2.5	2

#	ARTICLE	IF	CITATIONS
19	Coreness Variation Rule and Fast Updating Algorithm for Dynamic Networks. <i>Symmetry</i> , 2019, 11, 477.	2.2	2
20	The dimerization of PSGL-1 is driven by the transmembrane domain via a leucine zipper motif. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 844-852.	2.6	1