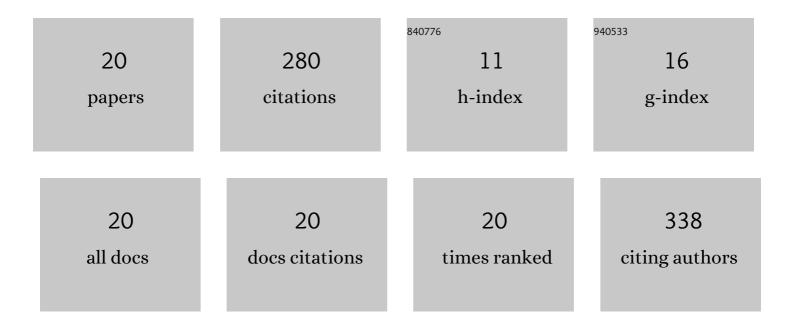


List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Molecular Dynamics of the Association of L-Selectin and FERM Regulated by PIP2. Biophysical Journal, 2018, 114, 1858-1868.	0.5	33
2	Exploiting tandem repetitive promoters for high-level production of 3-hydroxypropionic acid. Applied Microbiology and Biotechnology, 2019, 103, 4017-4031.	3.6	32
3	Engineering CRISPR interference system in Klebsiella pneumoniae for attenuating lactic acid synthesis. Microbial Cell Factories, 2018, 17, 56.	4.0	30
4	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
5	Roles of Protein Ubiquitination and Degradation Kinetics in Biological Oscillations. PLoS ONE, 2012, 7, e34616.	2.5	22
6	Molecular mechanism for bidirectional regulation of CD44 for lipid raft affiliation by palmitoylations and PIP2. PLoS Computational Biology, 2020, 16, e1007777.	3.2	22
7	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
8	Engineering high-robustness DNA molecular circuits by utilizing nucleases. Nanoscale, 2020, 12, 6964-6970.	5.6	16
9	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
10	Drifting dynamics of dense and sparse spiral waves in heterogeneous excitable media. Physical Review E, 2009, 79, 036212.	2.1	14
11	Resonance drifts of spiral waves on media of periodic excitability. Physical Review E, 2012, 85, 046216.	2.1	13
12	Identifying influential spreaders based on indirect spreading in neighborhood. Physica A: Statistical Mechanics and Its Applications, 2019, 523, 418-425.	2.6	11
13	Molecular Dynamic Simulation of the Self-Assembly of DAP12-NKG2C Activating Immunoreceptor Complex. PLoS ONE, 2014, 9, e105560.	2.5	10
14	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
15	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
16	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
17	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
18	Scaling tunable network model to reproduce the density-driven superlinear relation. Chaos, 2018, 28, 033122.	2.5	2

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19	Coreness Variation Rule and Fast Updating Algorithm for Dynamic Networks. Symmetry, 2019, 11, 477.	2.2	2
20	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