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List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

209
citations

1307594

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h-index

1372567

10
g-index

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all docs

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docs citations

10
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Group Distributions, Partition Coefficients, and Resistance Factors in Lipid Bilayers Using Site Identification by Ligand Competitive Saturation. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 3188-3202.	5.3	6
2	Identification and characterization of fragment binding sites for allosteric ligand design using the site identification by ligand competitive saturation hotspots approach (SILCS-Hotspots). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129519.	2.4	34
3	Free energy calculations of RNA interactions. <i>Methods</i> , 2019, 162-163, 85-95.	3.8	7
4	Complementary charge-based interaction between the ribosomal-stalk protein L7/12 and IF2 is the key to rapid subunit association. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4649-4654.	7.1	21
5	A close-up view of codon selection in eukaryotic initiation. <i>RNA Biology</i> , 2017, 14, 815-819.	3.1	8
6	Origin of the omnipotence of eukaryotic release factor 1. <i>Nature Communications</i> , 2017, 8, 1425.	12.8	15
7	Principles of start codon recognition in eukaryotic translation initiation. <i>Nucleic Acids Research</i> , 2016, 44, 8425-8432.	14.5	33
8	Binding Site Preorganization and Ligand Discrimination in the Purine Riboswitch. <i>Journal of Physical Chemistry B</i> , 2015, 119, 773-782.	2.6	20
9	Codon-reading specificities of mitochondrial release factors and translation termination at non-standard stop codons. <i>Nature Communications</i> , 2013, 4, 2940.	12.8	41
10	Bridging the gap between ribosome structure and biochemistry by mechanistic computations. <i>Current Opinion in Structural Biology</i> , 2012, 22, 815-823.	5.7	24