

Amit Kumar

List of Publications by Year in descending order

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1937685

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#	ARTICLE	IF	CITATIONS
1	Energetics of Preferential Binding of Retinoic Acid-Inducible Gene-I to Double-Stranded Viral RNAs with 5' Tri-/Diphosphate over 5' Monophosphate. ACS Omega, 2018, 3, 3786-3795.	3.5	9
2	Conformational dynamics and energetics of viral RNA recognition by lab-evolved proteins. Physical Chemistry Chemical Physics, 2021, 23, 24773-24779.	2.8	8
3	Structure-Based Energetics of Stop Codon Recognition by Eukaryotic Release Factor. Journal of Chemical Information and Modeling, 2017, 57, 2321-2328.	5.4	7
4	Principles of tRNA ^{Ala} Selection by Alanyl-tRNA Synthetase Based on the Critical G3-U70 Base Pair. ACS Omega, 2019, 4, 15539-15548.	3.5	7
5	Principle of DNA recognition by sporulation-regulatory protein (Spo0A) in <i>Bacillus subtilis</i> . Journal of Biomolecular Structure and Dynamics, 2020, 38, 5186-5194.	3.5	4
6	Role of Mutations in Differential Recognition of Viral RNA Molecules by Peptides. Journal of Chemical Information and Modeling, 0, , .	5.4	4
7	Why double-stranded RNA with 5'-monophosphate is a poor binder to retinoic acid-inducible gene-I with respect to 5'-hydroxyl analogue?. Journal of Biomolecular Structure and Dynamics, 2020, 38, 4048-4055.	3.5	2