

# Amit Kumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4184454/publications.pdf>

Version: 2024-02-01

7  
papers

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citations

1937685  
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1872680  
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g-index

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docs citations

7  
times ranked

23  
citing authors

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