

# Balabhadra Khatiwada

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3577072/publications.pdf>

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7  
papers

91  
citations

1684188  
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103  
citing authors

#	ARTICLE	IF	CITATIONS
1	NMR Methods for Structural Characterization of Protein-Protein Complexes. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 9.	3.5	35
2	Active Site Breathing of Human Alkbh5 Revealed by Solution NMR and Accelerated Molecular Dynamics. <i>Biophysical Journal</i> , 2018, 115, 1895-1905.	0.5	18
3	Weak binding to the A2RE RNA rigidifies hnRNPA2 RRM and reduces liquid-liquid phase separation and aggregation. <i>Nucleic Acids Research</i> , 2020, 48, 10542-10554.	14.5	12
4	<sup>6</sup> -methyladenosine binding induces a metal-centered rearrangement that activates the human RNA demethylase Alkbh5. <i>Science Advances</i> , 2021, 7, .	10.3	12
5	Solution structure ensemble of human obesity-associated protein FTO reveals druggable surface pockets at the interface between the N- and C-terminal domain. <i>Journal of Biological Chemistry</i> , 2022, 298, 101907.	3.4	7
6	N-terminal fusion of the N-terminal domain of bacterial enzyme I facilitates recombinant expression and purification of the human RNA demethylases FTO and Alkbh5. <i>Protein Expression and Purification</i> , 2020, 167, 105540.	1.3	5
7	A Single Point Mutation Controls the Rate of Interconversion Between the $g^+$ and $g^{\sim}$ Rotamers of the Histidine 189 $\chi_2$ Angle That Activates Bacterial Enzyme I for Catalysis. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 699203.	3.5	2