

# Moitrayee Bhattacharyya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3433537/publications.pdf>

Version: 2024-02-01

9  
papers

428  
citations

1307594

7  
h-index

1588992

8  
g-index

14  
all docs

14  
docs citations

14  
times ranked

495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deconstruction of the Ras switching cycle through saturation mutagenesis. <i>ELife</i> , 2017, 6, .	6.0	95
2	Molecular mechanism of activation-triggered subunit exchange in Ca <sup>2+</sup> /calmodulin-dependent protein kinase II. <i>ELife</i> , 2016, 5, .	6.0	89
3	Activation-triggered subunit exchange between CaMKII holoenzymes facilitates the spread of kinase activity. <i>ELife</i> , 2014, 3, e01610.	6.0	87
4	Structural Insights into the Regulation of Ca <sup>2+</sup> /Calmodulin-Dependent Protein Kinase II (CaMKII). <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a035147.	5.5	54
5	Flexible linkers in CaMKII control the balance between activating and inhibitory autophosphorylation. <i>ELife</i> , 2020, 9, .	6.0	41
6	Breakage of the oligomeric CaMKII hub by the regulatory segment of the kinase. <i>ELife</i> , 2020, 9, .	6.0	25
7	Hierarchical Organization Endows the Kinase Domain with Regulatory Plasticity. <i>Cell Systems</i> , 2018, 7, 371-383.e4.	6.2	20
8	Surveying the Side-Chain Network Approach to Protein Structure and Dynamics: The SARS-CoV-2 Spike Protein as an Illustrative Case. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 596945.	3.5	9
9	Deciphering the molecular organization of GET pathway chaperones through native mass spectrometry. <i>Biophysical Journal</i> , 2022, 121, 1289-1298.	0.5	0