

Jacob P Brady

List of Publications by Year in descending order

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11
papers

869
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and hydrodynamic properties of an intrinsically disordered region of a germ cell-specific protein on phase separation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8194-E8203.	7.1	381
2	Specific DNA recognition mediated by a type IV pilin. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3065-3070.	7.1	141
3	Charge pattern matching as a "fuzzy" mode of molecular recognition for the functional phase separations of intrinsically disordered proteins. New Journal of Physics, 2017, 19, 115003.	2.9	96
4	A conserved amphipathic helix is required for membrane tubule formation by Yop1p. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E639-48.	7.1	51
5	A C-terminal amphipathic helix is necessary for the in vivo tubule-shaping function of a plant reticulon. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10902-10907.	7.1	49
6	A unified analytical theory of heteropolymers for sequence-specific phase behaviors of polyelectrolytes and polyampholytes. Journal of Chemical Physics, 2020, 152, 045102.	3.0	45
7	Prolectin, a Glycan-binding Receptor on Dividing B Cells in Germinal Centers. Journal of Biological Chemistry, 2009, 284, 18537-18544.	3.4	35
8	Probing Conformational Exchange in Weakly Interacting, Slowly Exchanging Protein Systems via Off-Resonance $1R1$ Experiments: Application to Studies of Protein Phase Separation. Journal of the American Chemical Society, 2018, 140, 2115-2126.	13.7	32
9	Measuring Solvent Hydrogen Exchange Rates by Multifrequency Excitation ^{15}N CEST: Application to Protein Phase Separation. Journal of Physical Chemistry B, 2018, 122, 11206-11217.	2.6	19
10	Competing stress-dependent oligomerization pathways regulate self-assembly of the periplasmic protease-chaperone DegP. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
11	An enhanced sensitivity methyl 1H triple-quantum pulse scheme for measuring diffusion constants of macromolecules. Journal of Biomolecular NMR, 2017, 68, 249-255.	2.8	9