Ranabir Das

List of Publications by Year in descending order

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33 papers	738 citations	759233 12 h-index	552781 26 g-index
42 all docs	42 docs citations	42 times ranked	1130 citing authors

#	Article	IF	Citations
1	Allosteric Activation of E2-RING Finger-Mediated Ubiquitylation by a Structurally Defined Specific E2-Binding Region of gp78. Molecular Cell, 2009, 34, 674-685.	9.7	144
2	Allosteric regulation of E2:E3 interactions promote a processive ubiquitination machine. EMBO Journal, 2013, 32, 2504-2516.	7.8	82
3	A Structurally Unique E2-Binding Domain Activates Ubiquitination by the ERAD E2, Ubc7p, through Multiple Mechanisms. Molecular Cell, 2013, 50, 516-527.	9.7	71
4	Functional evaluation of BRCA2 variants mapping to the PALB2-binding and C-terminal DNA-binding domains using a mouse ES cell-based assay. Human Molecular Genetics, 2012, 21, 3993-4006.	2.9	56
5	Partially Unfolded Forms of the Prion Protein Populated under Misfolding-promoting Conditions. Journal of Biological Chemistry, 2015, 290, 25227-25240.	3.4	42
6	A five-residue motif for the design of domain swapping in proteins. Nature Communications, 2019, 10, 452.	12.8	37
7	Promiscuous Interactions of gp78 E3 Ligase CUE Domain with Polyubiquitin Chains. Structure, 2012, 20, 2138-2150.	3.3	32
8	Salt-Mediated Oligomerization of the Mouse Prion Protein Monitored by Real-Time NMR. Journal of Molecular Biology, 2017, 429, 1852-1872.	4.2	26
9	Conformational Dynamics and Allostery in E2:E3 Interactions Drive Ubiquitination: gp78 and Ube2g2. Structure, 2017, 25, 794-805.e5.	3.3	24
10	Structural Biophysics of the NusB:NusE Antitermination Complex. Journal of Molecular Biology, 2008, 376, 705-720.	4.2	21
11	Genetically encoded live-cell sensor for tyrosinated microtubules. Journal of Cell Biology, 2020, 219, .	5.2	20
12	A conserved and buried edge-to-face aromatic interaction in small ubiquitin-like modifier (SUMO) has a role in SUMO stability and function. Journal of Biological Chemistry, 2019, 294, 6772-6784.	3.4	17
13	Experimental implementation of Groverâ€™s search algorithm using efficient quantum state tomography. Chemical Physics Letters, 2003, 369, 8-15.	2.6	15
14	The Viral SUMOâ€“Targeted Ubiquitin Ligase ICP0 is Phosphorylated and Activated by Host Kinase Chk2. Journal of Molecular Biology, 2020, 432, 1952-1977.	4.2	15
15	A Fyn biosensor reveals pulsatile, spatially localized kinase activity and signaling crosstalk in live mammalian cells. ELife, 2020, 9, .	6.0	14
16	Aminoâ€acid composition after loop deletion drives domain swapping. Protein Science, 2017, 26, 1994-2002.	7.6	13
17	Casein kinase-2â€“mediated phosphorylation increases the SUMO-dependent activity of the cytomegalovirus transactivator IE2. Journal of Biological Chemistry, 2019, 294, 14546-14561.	3.4	12
18	Stability of Begomoviral pathogenicity determinant Î²C1 is modulated by mutually antagonistic SUMOylation and SIM interactions. BMC Biology, 2020, 18, 110.	3.8	12

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19	Indomethacin elicits proteasomal dysfunctions develops apoptosis through mitochondrial abnormalities. Journal of Cellular Physiology, 2018, 233, 1685-1699.	4.1	11
20	Deamidation disrupts native and transient contacts to weaken the interaction between UBC13 and RING-finger E3 ligases. ELife, 2019, 8, .	6.0	11
21	Observing a late folding intermediate of Ubiquitin at atomic resolution by NMR. Protein Science, 2016, 25, 1438-1450.	7.6	10
22	Spectral implementation of some quantum algorithms by one- and two-dimensional nuclear magnetic resonance. Journal of Chemical Physics, 2004, 121, 7601.	3.0	9
23	Rational Design of Protein-Specific Folding Modifiers. Journal of the American Chemical Society, 2021, 143, 18766-18776.	13.7	6
24	Structural and functional analysis of SMO-1, the SUMO homolog in Caenorhabditis elegans. PLoS ONE, 2017, 12, e0186622.	2.5	5
25	NEDD8 Deamidation Inhibits Cullin RING Ligase Dynamics. Frontiers in Immunology, 2021, 12, 695331.	4.8	5
26	Destabilization of polar interactions in the prion protein triggers misfolding and oligomerization. Protein Science, 2021, 30, 2258-2271.	7.6	5
27	Epidemiological and ES cellâ€based functional evaluation of BRCA2 variants identified in families with breast cancer. Human Mutation, 2021, 42, 200-212.	2.5	4
28	An â€œupâ€•oriented methionine-aromatic structural motif in SUMO is critical for its stability and activity. Journal of Biological Chemistry, 2021, 297, 100970.	3.4	4
29	Amide temperature coefficients in characterizing the allosteric effects of ligand binding on local stability in proteins. Biochemical and Biophysical Research Communications, 2020, 524, 677-682.	2.1	3
30	Non-covalent Interaction With SUMO Enhances the Activity of Human Cytomegalovirus Protein IE1. Frontiers in Cell and Developmental Biology, 2021, 9, 662522.	3.7	3
31	Monitoring protein ubiquitination and SUMOylation in real-time by NMR. Chemical Communications, 2020, 56, 6735-6738.	4.1	2
32	A novel polyubiquitin chain linkage formed by viral Ubiquitin is resistant to host deubiquitinating enzymes. Biochemical Journal, 2020, 477, 2193-2219.	3.7	2
33	A Fluorescenceâ€Based Assay to Monitor SUMOylation in Realâ€Time. Current Protocols in Protein Science, 2020, 101, e111.	2.8	1