

Girish S Ratnaparkhi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermodynamic and Structural Studies of Cavity Formation in Proteins Suggest That Loss of Packing Interactions Rather Than the Hydrophobic Effect Dominates the Observed Energetics,. <i>Biochemistry</i> , 2000, 39, 12365-12374.	2.5	71
2	Osmolytes Stabilize Ribonuclease S by Stabilizing Its Fragments S Protein and S Peptide to Compact Folding-competent States. <i>Journal of Biological Chemistry</i> , 2001, 276, 28789-28798.	3.4	70
3	Discrepancies between the NMR and X-ray Structures of Uncomplexed Barstar:â€™ Analysis Suggests That Packing Densities of Protein Structures Determined by NMR Are Unreliable,. <i>Biochemistry</i> , 1998, 37, 6958-6966.	2.5	68
4	Thermodynamic and Structural Consequences of Changing a Sulfur Atom to a Methylene Group in the M13Nle Mutation in Ribonuclease-S. <i>Biochemistry</i> , 1994, 33, 8587-8593.	2.5	56
5	Gene Duplication, Lineage-Specific Expansion, and Subfunctionalization in the MADF-BESS Family Patterns the <i>Drosophila</i> Wing Hinge. <i>Genetics</i> , 2014, 196, 481-496.	2.9	32
6	A genetic screen identifies <i>Tor</i> as an interactor of VAPB in a <i>Drosophila</i> model of amyotrophic lateral sclerosis. <i>Biology Open</i> , 2014, 3, 1127-1138.	1.2	31
7	SUMO-Enriched Proteome for <i>Drosophila</i> Innate Immune Response. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2137-2154.	1.8	31
8	Uncoupling Dorsal-mediated activation from Dorsal-mediated repression in the <i>Drosophila</i> embryo. <i>Development (Cambridge)</i> , 2006, 133, 4409-4414.	2.5	27
9	Native-state hydrogen-exchange studies of a fragment complex can provide structural information about the isolated fragments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 7899-7904.	7.1	24
10	RDGB± localization and function at a membrane contact site is regulated by FFAT/VAP interactions. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	23
11	Dynamics of ribonuclease A and ribonuclease S: Computational and experimental studies. <i>Protein Science</i> , 1996, 5, 2104-2114.	7.6	21
12	Dorsal interacting protein 3 potentiates activation by <i>Drosophila</i> Rel homology domain proteins. <i>Developmental and Comparative Immunology</i> , 2008, 32, 1290-1300.	2.3	19
13	A Superfamily-wide Activity Atlas of Serine Hydrolases in <i>Drosophila melanogaster</i> . <i>Biochemistry</i> , 2021, 60, 1312-1324.	2.5	18
14	A Presynaptic Regulatory System Acts Transsynaptically via Mon1 to Regulate Glutamate Receptor Levels in <i>Drosophila</i> . <i>Genetics</i> , 2015, 201, 651-664.	2.9	17
15	<i>Drosophila</i> DNA/RNA methyltransferase contributes to robust host defense in ageing animals by regulating sphingolipid metabolism. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	16
16	Structural and thermodynamic consequences of introducing Î±-aminoisobutyric acid in the S peptide of ribonuclease S. <i>Protein Engineering, Design and Selection</i> , 2000, 13, 697-702.	2.1	15
17	X-ray crystallographic studies of the denaturation of ribonuclease S. <i>Proteins: Structure, Function and Bioinformatics</i> , 1999, 36, 282-294.	2.6	14
18	SOD1 activity threshold and TOR signalling modulate VAP(P58S) aggregation via ROS-induced proteasomal degradation in a <i>Drosophila</i> model of Amyotrophic Lateral Sclerosis. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	14

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19	<i>Drosophila</i> Mon1 constitutes a novel node in the brain-gonad axis that is essential for female germline maturation. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	11
20	A multi-omics analysis reveals that the lysine deacetylase ABHD14B influences glucose metabolism in mammals. <i>Journal of Biological Chemistry</i> , 2022, 298, 102128.	3.4	8
21	SUMO conjugation regulates immune signalling. <i>Fly</i> , 2020, 14, 62-79.	1.7	7
22	Stonewall and Brickwall: Two Partially Redundant Determinants Required for the Maintenance of Female Germline in <i>Drosophila</i> . <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 2027-2041.	1.8	6
23	Non-cell-autonomous inhibition of photoreceptor development by Dip3. <i>Developmental Biology</i> , 2008, 323, 105-113.	2.0	3
24	SUMOylation of Jun fine-tunes the <i>Drosophila</i> gut immune response. <i>PLoS Pathogens</i> , 2022, 18, e1010356.	4.7	3
25	The <i>Hydra</i> small ubiquitin-like modifier. <i>Genesis</i> , 2013, 51, 619-629.	1.6	2
26	Signaling Cascades, Gradients, and Gene Networks in Dorsal/Ventral Patterning. , 2015, , 131-151.		1
27	Monensin Sensitive 1 Regulates Dendritic Arborization in <i>Drosophila</i> by Modulating Endocytic Flux. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 145.	3.7	1
28	<i>Drosophila</i> Mon1 and Rab7 interact to regulate glutamate receptor levels at the neuromuscular junction. <i>International Journal of Developmental Biology</i> , 2020, 64, 289-297.	0.6	1
29	SUMOylation of Arginyl tRNA Synthetase Modulates the <i>Drosophila</i> Innate Immune Response. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 695630.	3.7	1
30	Caspar, an adapter for VAPB and TER94, modulates the progression of ALS8 by regulating IMD/NF- κ B-mediated glial inflammation in a <i>Drosophila</i> model of human disease. <i>Human Molecular Genetics</i> , 2022, 31, 2857-2875.	2.9	1
31	SUMOylation of Dorsal attenuates Toll/NF- κ B signaling. <i>Genetics</i> , 2022, , .	2.9	1
32	Contributory presentations/posters. <i>Journal of Biosciences</i> , 1999, 24, 33-198.	1.1	0
33	Understanding Motor Disorders Using Flies. , 2019, , 131-162.		0
34	Caspar SUMOylation regulates lifespan. <i>MicroPublication Biology</i> , 2020, 2020, .	0.1	0