

Nadinath B Nillegoda

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,304
citations

361413

20
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

3273
citing authors

#	ARTICLE	IF	CITATIONS
1	J-domain protein chaperone circuits in proteostasis and disease. Trends in Cell Biology, 2023, 33, 30-47.	7.9	30
2	Hidden information on protein function in censuses of proteome foldedness. Nature Communications, 2022, 13, 1992.	12.8	7
3	The Hsp70 chaperone system: distinct roles in erythrocyte formation and maintenance. Haematologica, 2021, 106, 1519-1534.	3.5	17
4	Molecular dissection of amyloid disaggregation by human HSP70. Nature, 2020, 587, 483-488.	27.8	153
5	HSP40 proteins use class-specific regulation to drive HSP70 functional diversity. Nature, 2020, 587, 489-494.	27.8	140
6	Functional diversity between HSP70 paralogs caused by variable interactions with specific co-chaperones. Journal of Biological Chemistry, 2020, 295, 7301-7316.	3.4	39
7	The Hsp70 chaperone network. Nature Reviews Molecular Cell Biology, 2019, 20, 665-680.	37.0	721
8	In Situ Monitoring of Transiently Formed Molecular Chaperone Assemblies in Bacteria, Yeast, and Human Cells. Journal of Visualized Experiments, 2019, , .	0.3	4
9	Protein Disaggregation in Multicellular Organisms. Trends in Biochemical Sciences, 2018, 43, 285-300.	7.5	103
10	Hsp70 displaces small heat shock proteins from aggregates to initiate protein refolding. EMBO Journal, 2017, 36, 783-796.	7.8	120
11	Substrate binding by the yeast Hsp110 nucleotide exchange factor and molecular chaperone Sse1 is not obligate for its biological activities. Molecular Biology of the Cell, 2017, 28, 2066-2075.	2.1	31
12	<i>In vivo</i> properties of the disaggregase function of Hsp70 proteins and Hsc70 in <i>Caenorhabditis elegans</i> stress and aging. Aging Cell, 2017, 16, 1414-1424.	6.7	53
13	Evolution of an intricate J-protein network driving protein disaggregation in eukaryotes. ELife, 2017, 6, .	6.0	60
14	Metazoan Hsp70-based protein disaggregases: emergence and mechanisms. Frontiers in Molecular Biosciences, 2015, 2, 57.	3.5	101
15	Crucial HSP70 co-chaperone complex unlocks metazoan protein disaggregation. Nature, 2015, 524, 247-251.	27.8	320
16	Human Hsp70 Disaggregase Reverses Parkinson's-Linked α -Synuclein Amyloid Fibrils. Molecular Cell, 2015, 59, 781-793.	9.7	336
17	Monitoring Protein Misfolding by Site-Specific Labeling of Proteins In Vivo. PLoS ONE, 2014, 9, e99395.	2.5	20
18	A Network of Ubiquitin Ligases Is Important for the Dynamics of Misfolded Protein Aggregates in Yeast. Journal of Biological Chemistry, 2012, 287, 23911-23922.	3.4	63

#	ARTICLE	IF	CITATIONS
19	Metazoan Hsp70 machines use Hsp110 to power protein disaggregation. <i>EMBO Journal</i> , 2012, 31, 4221-4235.	7.8	284
20	Role of Molecular Chaperones in Biogenesis of the Protein Kinome. <i>Methods in Molecular Biology</i> , 2011, 787, 75-81.	0.9	11
21	Ubr1 and Ubr2 Function in a Quality Control Pathway for Degradation of Unfolded Cytosolic Proteins. <i>Molecular Biology of the Cell</i> , 2010, 21, 2102-2116.	2.1	126
22	Hsp110 Chaperones Control Client Fate Determination in the Hsp70â€“Hsp90 Chaperone System. <i>Molecular Biology of the Cell</i> , 2010, 21, 1439-1448.	2.1	54
23	A Targeted Proteomic Analysis of the Ubiquitin-Like Modifier Nedd8 and Associated Proteins. <i>Journal of Proteome Research</i> , 2008, 7, 1274-1287.	3.7	267
24	Ydj1 Protects Nascent Protein Kinases from Degradation and Controls the Rate of Their Maturation. <i>Molecular and Cellular Biology</i> , 2008, 28, 4434-4444.	2.3	25
25	Cdc37 has distinct roles in protein kinase quality control that protect nascent chains from degradation and promote posttranslational maturation. <i>Journal of Cell Biology</i> , 2007, 176, 319-328.	5.2	92