Mark Hipp

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35 papers	3,716 citations	22 h-index	43 g-index
43 ext. papers	4,788 ext. citations	16.7 avg, IF	5.85 L-index

#	Paper	IF	Citations
35	Molecular chaperone functions in protein folding and proteostasis. *Annual Review of Biochemistry*, **2013**, 82, 323-55	29.1	937
34	Proteostasis impairment in protein-misfolding and -aggregation diseases. *Trends in Cell Biology*, **2014**, 24, 506-14	18.3	418
33	The proteostasis network and its decline in ageing. *Nature Reviews Molecular Cell Biology*, **2019**, 20, 421-435	47	391
32	Cytoplasmic protein aggregates interfere with nucleocytoplasmic transport of protein and RNA. *Science*, **2016**, 351, 173-6	33.3	267
31	PolyQ proteins interfere with nuclear degradation of cytosolic proteins by sequestering the Sis1p chaperone. *Cell*, **2013**, 154, 134-45	56.2	255
30	In Situ Structure of Neuronal C9orf72 Poly-GA Aggregates Reveals Proteasome Recruitment. *Cell*, **2018**, 172, 696-705.e12	56.2	196
29	The nucleolus functions as a phase-separated protein quality control compartment. *Science*, **2019**, 365, 342-347	33.3	185
28	In Situ Architecture and Cellular Interactions of PolyQ Inclusions. *Cell*, **2017**, 171, 179-187.e10	56.2	177
27	Ubiquitin accumulation in autophagy-deficient mice is dependent on the Nrf2-mediated stress response pathway: a potential role for protein aggregation in autophagic substrate selection. *Journal of Cell Biology*, **2010**, 191, 537-52	7.3	137
26	Indirect inhibition of 26S proteasome activity in a cellular model of Huntington's disease. *Journal of Cell Biology*, **2012**, 196, 573-87	7.3	135
25	Spatiotemporal Proteomic Profiling of Huntington's Disease Inclusions Reveals Widespread Loss of Protein Function. *Cell Reports*, **2017**, 21, 2291-2303	10.6	71
24	Proteotoxic stress and ageing triggers the loss of redox homeostasis across cellular compartments. *EMBO Journal*, **2015**, 34, 2334-49	13	63
23	Functional Modules of the Proteostasis Network. *Cold Spring Harbor Perspectives in Biology*, **2020**, 12,	10.2	57
22	Proteasome inhibition leads to NF-kappaB-independent IL-8 transactivation in human endothelial cells through induction of AP-1. *European Journal of Immunology*, **2002**, 32, 2208-17	6.1	56
21	Heat shock response activation exacerbates inclusion body formation in a cellular model of Huntington disease. *Journal of Biological Chemistry*, **2013**, 288, 23633-8	5.4	44
20	Molecular and structural architecture of polyQ aggregates in yeast. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E3446-E3453	11.5	40
19	Overexpression of Q-rich prion-like proteins suppresses polyQ cytotoxicity and alters the polyQ interactome. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 18219-24	11.5	38

18	The endoplasmic reticulum: A hub of protein quality control in health and disease. *Free Radical Biology and Medicine*, **2017**, 108, 383-393	7.8	35
17	The formation, function and regulation of amyloids: insights from structural biology. *Journal of Internal Medicine*, **2016**, 280, 164-76	10.8	32
16	Nuclear inclusion bodies of mutant and wild-type p53 in cancer: a hallmark of p53 inactivation and proteostasis remodelling by p53 aggregation. *Journal of Pathology*, **2017**, 242, 24-38	9.4	29
15	Cell-to-cell transmission of C9orf72 poly-(Gly-Ala) triggers key features of ALS/FTD. *EMBO Journal*, **2020**, 39, e102811	13	27
14	In situ architecture of neuronal Synuclein inclusions. *Nature Communications*, **2021**, 12, 2110	17.4	24
13	A protein quality control pathway regulated by linear ubiquitination. *EMBO Journal*, **2019**, 38,	13	22
12	High capacity of the endoplasmic reticulum to prevent secretion and aggregation of amyloidogenic proteins. *EMBO Journal*, **2018**, 37, 337-350	13	21
11	Role for ribosome-associated quality control in sampling proteins for MHC class I-mediated antigen presentation. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 4099-4108	11.5	15
10	Sis1 potentiates the stress response to protein aggregation and elevated temperature. *Nature Communications*, **2020**, 11, 6271	17.4	11
9	An inventory of interactors of the human HSP60/HSP10 chaperonin in the mitochondrial matrix space. *Cell Stress and Chaperones*, **2020**, 25, 407-416	4	8
8	The extracellular chaperone Clusterin enhances Tau aggregate seeding in a cellular model. *Nature Communications*, **2021**, 12, 4863	17.4	8
7	Live-cell imaging of ubiquitin-proteasome system function. *Methods in Molecular Biology*, **2012**, 832, 463-72	1.4	5
6	Fluc-EGFP reporter mice reveal differential alterations of neuronal proteostasis in aging and disease. *EMBO Journal*, **2021**, 40, e107260	13	5
5	Multiple pathways of toxicity induced by dipeptide repeat aggregates and GC RNA in a cellular model. *ELife*, **2021**, 10,	8.9	2
4	Systematic expression analysis of plasticity-related genes in mouse brain development brings PRG4 into play. *Developmental Dynamics*, **2021**,	2.9	1
3	Gel-like inclusions of C-terminal fragments of TDP-43 sequester and inhibit proteasomes in neurons		1
2	Gel-like inclusions of C-terminal fragments of TDP-43 sequester stalled proteasomes in neurons.. *EMBO Reports*, **2022**, e53890	6.5	1
1	Plasticity-Related Gene 5 Is Expressed in a Late Phase of Neurodifferentiation After Neuronal Cell-Fate Determination.. *Frontiers in Cellular Neuroscience*, **2022**, 16, 797588	6.1	0