Peter Tessarz

List of Publications by Year
in descending order

25 papers	2,422 citations	566801 15 h-index	642321 23 g-index
35 all docs	35 docs citations	35 times ranked	3664 citing authors

#	Article	IF	Citations
1	Histone core modifications regulating nucleosome structure and dynamics. Nature Reviews Molecular Cell Biology, 2014, 15, 703-708.	16.1	775
2	Thermotolerance Requires Refolding of Aggregated Proteins by Substrate Translocation through the Central Pore of ClpB. Cell, 2004, 119, 653-665.	13.5	433
3	Substrate recognition by the AAA+ chaperone ClpB. Nature Structural and Molecular Biology, 2004, 11, 607-615.	3.6	219
4	Glutamine methylation in histone H2A is an RNA-polymerase-I-dedicated modification. Nature, 2014, 505, 564-568.	13.7	186
5	Substrate threading through the central pore of the Hsp104 chaperone as a common mechanism for protein disaggregation and prion propagation. Molecular Microbiology, 2008, 68, 87-97.	1.2	171
6	Longâ€lived macrophage reprogramming drives spike proteinâ€mediated inflammasome activation in COVIDâ€19. EMBO Molecular Medicine, 2021, 13, e14150.	3.3	98
7	Novel insights into the mechanism of chaperone-assisted protein disaggregation. Biological Chemistry, 2005, 386, 739-44.	1.2	92
8	Common and specific mechanisms of AAA+ proteins involved in protein quality control. Biochemical Society Transactions, 2008, 36, 120-125.	1.6	70
9	The Yeast AAA⁺ Chaperone Hsp104 Is Part of a Network That Links the Actin Cytoskeleton with the Inheritance of Damaged Proteins. Molecular and Cellular Biology, 2009, 29, 3738-3745.	1.1	66
10	SIRT7-Dependent Deacetylation of Fibrillarin Controls Histone H2A Methylation and rRNA Synthesis during the Cell Cycle. Cell Reports, 2018, 25, 2946-2954.e5.	2.9	60
11	Inhibition of ubiquitin/proteasome-dependent proteolysis inSaccharomyces cerevisiaeby a Gly-Ala repeat. FEBS Letters, 2003, 555, 397-404.	1.3	39
12	Chromatin remodeling due to degradation of citrate carrier impairs osteogenesis of aged mesenchymal stem cells. Nature Aging, 2021, 1, 810-825.	5.3	37
13	Histone Modifications in Ageing and Lifespan Regulation. Current Molecular Biology Reports, 2016, 2, 26-35.	0.8	30
14	Transcriptional repression by FACT is linked to regulation of chromatin accessibility at the promoter of ES cells. Life Science Alliance, 2018, 1, e201800085.	1.3	30
15	Cooperative and independent activities of Sgt2 and Get5 in the targeting of tail-anchored proteins. Biological Chemistry, 2011, 392, 601-8.	1.2	28
16	Ageing and sources of transcriptional heterogeneity. Biological Chemistry, 2019, 400, 867-878.	1.2	26
17	Metabolism and chromatin: A dynamic duo that regulates development and ageing. BioEssays, 2021, 43, e2000273.	1.2	11
18	N1-acetylspermidine is a determinant of hair follicle stem cell fate. Journal of Cell Science, 2021, 134, .	1.2	11

#	Article	IF	Citations
19	The impact of genomic variation on protein phosphorylation states and regulatory networks. Molecular Systems Biology, 2022, 18, e10712.	3.2	9
20	Histone N-terminal acetyltransferase NAA40 links one-carbon metabolism to chemoresistance. Oncogene, 2022, 41, 571-585.	2.6	8
21	NET-prism enables RNA polymerase-dedicated transcriptional interrogation at nucleotide resolution. RNA Biology, 2019, 16, 1156-1165.	1.5	5
22	Nhp2 is a reader of H2AQ105me and part of aÂnetwork integrating metabolism with rRNA synthesis. EMBO Reports, 2021, 22, e52435.	2.0	5
23	Epigenetic alterations in stem cell ageingâ€"a promising target for age-reversing interventions?. Briefings in Functional Genomics, 2021, , .	1.3	1
24	The RNA-binding protein Puf5 contributes to buffering of mRNA upon chromatin-mediated changes in nascent transcription. Journal of Cell Science, 2021, 134, .	1.2	0
25	Cellular quality control of protein aggregates. FASEB Journal, 2009, 23, 195.2.	0.2	0