Tricia R Serio

List of Publications by Year
in descending order

19	851	687363 13	888059 17
papers	citations	h-index	g-index

20	20	20	786
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The prion hypothesis: from biological anomaly to basic regulatory mechanism. Nature Reviews Molecular Cell Biology, 2010, 11, 823-833.	37.0	137
2	Hsp104-Dependent Remodeling of Prion Complexes Mediates Protein-Only Inheritance. PLoS Biology, 2007, 5, e24.	5.6	121
3	A Size Threshold Limits Prion Transmission and Establishes Phenotypic Diversity. Science, 2010, 330, 680-683.	12.6	98
4	Loss of amino-terminal acetylation suppresses a prion phenotype by modulating global protein folding. Nature Communications, 2014, 5, 4383.	12.8	92
5	Prion protein remodelling confers an immediate phenotypic switch. Nature, 2005, 437, 262-265.	27.8	83
6	[41] Yeast prion [Î¨+] and its determinant, sup35p. Methods in Enzymology, 1999, 309, 649-673.	1.0	82
7	Spatial quality control bypasses cell-based limitations on proteostasis to promote prion curing. ELife, 2014, 3, .	6.0	40
8	Dominant prion mutants induce curing through pathways that promote chaperone-mediated disaggregation. Nature Structural and Molecular Biology, 2011, 18, 486-492.	8.2	39
9	Amyloid-associated activity contributes to the severity and toxicity of a prion phenotype. Nature Communications, 2014, 5, 4384.	12.8	39
10	Prion Propagation: The Role of Protein Dynamics. Prion, 2007, 1, 36-43.	1.8	23
11	The NatA Acetyltransferase Couples Sup35 Prion Complexes to the [PSI⁺] Phenotype. Molecular Biology of the Cell, 2009, 20, 1068-1080.	2.1	20
12	Nucleation seed size determines amyloid clearance and establishes a barrier to prion appearance in yeast. Nature Structural and Molecular Biology, 2020, 27, 540-549.	8.2	20
13	[PIN+]ing down the mechanism of prion appearance. FEMS Yeast Research, 2018, 18, .	2.3	19
14	A dominant-negative mutant inhibits multiple prion variants through a common mechanism. PLoS Genetics, 2017, 13, e1007085.	3.5	12
15	Whatâ€™s in a name?. ELife, 2017, 6, .	6.0	10
16	Distinct Prion Domain Sequences Ensure Efficient Amyloid Propagation by Promoting Chaperone Binding or Processing In Vivo. PLoS Genetics, 2016, 12, e1006417.	3.5	10
17	Estimating the rate of prion aggregate amplification in yeast with a generation and structured population model. Inverse Problems in Science and Engineering, 2018, 26, 257-279.	1.2	6
18	Conformational conversion and prion disease: authors' reply. Nature Reviews Molecular Cell Biology, 2011, 12, 273-273.	37.0	0

#	Article	IF	Citations
19	Think differently. Molecular Biology of the Cell, 2016, 27, 3208-3209.	2.1	0