

Tricia R Serio

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

851
citations

687363

13
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

786
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleation seed size determines amyloid clearance and establishes a barrier to prion appearance in yeast. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 540-549.	8.2	20
2	[PIN+]ing down the mechanism of prion appearance. <i>FEMS Yeast Research</i> , 2018, 18, .	2.3	19
3	Estimating the rate of prion aggregate amplification in yeast with a generation and structured population model. <i>Inverse Problems in Science and Engineering</i> , 2018, 26, 257-279.	1.2	6
4	Whatâ€™s in a name?. <i>ELife</i> , 2017, 6, .	6.0	10
5	A dominant-negative mutant inhibits multiple prion variants through a common mechanism. <i>PLoS Genetics</i> , 2017, 13, e1007085.	3.5	12
6	Think differently. <i>Molecular Biology of the Cell</i> , 2016, 27, 3208-3209.	2.1	0
7	Distinct Prion Domain Sequences Ensure Efficient Amyloid Propagation by Promoting Chaperone Binding or Processing In Vivo. <i>PLoS Genetics</i> , 2016, 12, e1006417.	3.5	10
8	Loss of amino-terminal acetylation suppresses a prion phenotype by modulating global protein folding. <i>Nature Communications</i> , 2014, 5, 4383.	12.8	92
9	Amyloid-associated activity contributes to the severity and toxicity of a prion phenotype. <i>Nature Communications</i> , 2014, 5, 4384.	12.8	39
10	Spatial quality control bypasses cell-based limitations on proteostasis to promote prion curing. <i>ELife</i> , 2014, 3, .	6.0	40
11	Conformational conversion and prion disease: authors' reply. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 273-273.	37.0	0
12	Dominant prion mutants induce curing through pathways that promote chaperone-mediated disaggregation. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 486-492.	8.2	39
13	The prion hypothesis: from biological anomaly to basic regulatory mechanism. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 823-833.	37.0	137
14	A Size Threshold Limits Prion Transmission and Establishes Phenotypic Diversity. <i>Science</i> , 2010, 330, 680-683.	12.6	98
15	The NatA Acetyltransferase Couples Sup35 Prion Complexes to the [<i>PSI⁺</i>] Phenotype. <i>Molecular Biology of the Cell</i> , 2009, 20, 1068-1080.	2.1	20
16	Hsp104-Dependent Remodeling of Prion Complexes Mediates Protein-Only Inheritance. <i>PLoS Biology</i> , 2007, 5, e24.	5.6	121
17	Prion Propagation: The Role of Protein Dynamics. <i>Prion</i> , 2007, 1, 36-43.	1.8	23
18	Prion protein remodelling confers an immediate phenotypic switch. <i>Nature</i> , 2005, 437, 262-265.	27.8	83

#	ARTICLE	IF	CITATIONS
19	[41] Yeast prion $[\hat{I}^+]$ and its determinant, sup35p. Methods in Enzymology, 1999, 309, 649-673.	1.0	82