

Tao Zu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

3,352
citations

516710

16
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

3627
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-ATG-initiated translation directed by microsatellite expansions. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 260-265.	7.1	826
2	RAN proteins and RNA foci from antisense transcripts in <i>C9ORF72</i> ALS and frontotemporal dementia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4968-77.	7.1	681
3	Bidirectional expression of CUG and CAG expansion transcripts and intranuclear polyglutamine inclusions in spinocerebellar ataxia type 8. Nature Genetics, 2006, 38, 758-769.	21.4	408
4	C9orf72 BAC Mouse Model with Motor Deficits and Neurodegenerative Features of ALS/FTD. Neuron, 2016, 90, 521-534.	8.1	294
5	RAN Translation in Huntington Disease. Neuron, 2015, 88, 667-677.	8.1	275
6	ROR1-Mediated Purkinje Cell Development Determines Disease Severity in Adult SCA1 Mice. Cell, 2006, 127, 697-708.	28.9	210
7	RAN Translation Regulated by Muscleblind Proteins in Myotonic Dystrophy Type 2. Neuron, 2017, 95, 1292-1305.e5.	8.1	116
8	The insulin-like growth factor pathway is altered in spinocerebellar ataxia type 1 and type 7. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1291-1296.	7.1	85
9	Metformin inhibits RAN translation through PKR pathway and mitigates disease in <i>C9orf72</i> ALS/FTD mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18591-18599.	7.1	79
10	Targeted Deletion of a Single Sca8 Ataxia Locus Allele in Mice Causes Abnormal Gait, Progressive Loss of Motor Coordination, and Purkinje Cell Dendritic Deficits. Journal of Neuroscience, 2006, 26, 9975-9982.	3.6	70
11	Antibody Therapy Targeting RAN Proteins Rescues C9 ALS/FTD Phenotypes in C9orf72 Mouse Model. Neuron, 2020, 105, 645-662.e11.	8.1	70
12	Mutant β -III Spectrin Causes mGluR1 Mislocalization and Functional Deficits in a Mouse Model of Spinocerebellar Ataxia Type 5. Journal of Neuroscience, 2014, 34, 9891-9904.	3.6	65
13	<i>SCA8</i> RAN polySer protein preferentially accumulates in white matter regions and is regulated by <i>eIF3F</i> . EMBO Journal, 2018, 37, .	7.8	50
14	Repeat-Associated Non-ATG Translation in Neurological Diseases. Cold Spring Harbor Perspectives in Biology, 2018, 10, a033019.	5.5	33
15	Survival and Motor Phenotypes in FVB C9-500 ALS/FTD BAC Transgenic Mice Reproduced by Multiple Labs. Neuron, 2020, 108, 784-796.e3.	8.1	22
16	Hippocampal sclerosis dementia with the C9ORF72 hexanucleotide repeat expansion. Neurobiology of Aging, 2014, 35, 2419.e17-2419.e21.	3.1	21
17	The alternative initiation factor eIF2A plays key role in RAN translation of myotonic dystrophy type 2 CCUG-CAGG repeats. Human Molecular Genetics, 2021, 30, 1020-1029.	2.9	17
18	CCG-CGG interruptions in high-penetrance SCA8 families increase RAN translation and protein toxicity. EMBO Molecular Medicine, 2021, 13, e14095.	6.9	12

#	ARTICLE	IF	CITATIONS
19	Antisense RNA Sequences Modulating the Ataxin-1 Message: Molecular Model of Gene Therapy for Spinocerebellar Ataxia Type 1, a Dominant-Acting Unstable Trinucleotide Repeat Disease. <i>Cell Transplantation</i> , 2008, 17, 723-734.	2.5	7
20	Repeat length increases disease penetrance and severity in <i>C9orf72</i> ALS/FTD BAC transgenic mice. <i>Human Molecular Genetics</i> , 2021, 29, 3900-3918.	2.9	7
21	Alzheimer's...New starts and directions: understanding the role of hidden expansion proteins in HD. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A1.1-A1.	1.9	0