Antonia Ratti

List of Publications by Year
in descending order

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		249298	274796
46	4,092	26	44
papers	citations	h-index	g-index

49	49	49	6689
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic and epigenetic disease modifiers in an Italian C9orf72 family expressing ALS, FTD or PD clinical phenotypes. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, 23, 292-298.	1.1	5
2	C9orf72 ALS/FTD dipeptide repeat protein levels are reduced by small molecules that inhibit PKA or enhance protein degradation. EMBO Journal, 2022, 41, e105026.	3.5	13
3	Genome-wide study of DNA methylation shows alterations in metabolic, inflammatory, and cholesterol pathways in ALS. Science Translational Medicine, 2022, 14, eabj0264.	5.8	38
4	SUMOylation Regulates TDP-43 Splicing Activity and Nucleocytoplasmic Distribution. Molecular Neurobiology, 2021, 58, 5682-5702.	1.9	19
5	Common and rare variant association analyses in amyotrophic lateral sclerosis identify 15 risk loci with distinct genetic architectures and neuron-specific biology. Nature Genetics, 2021, 53, 1636-1648.	9.4	223
6	Chronic stress induces formation of stress granules and pathological TDP-43 aggregates in human ALS fibroblasts and iPSC-motoneurons. Neurobiology of Disease, 2020, 145, 105051.	2.1	52
7	Reprogramming fibroblasts and peripheral blood cells from a C9ORF72 patient: A proofâ€ofâ€principle study. Journal of Cellular and Molecular Medicine, 2020, 24, 4051-4060.	1.6	8
8	Cervical transverse MRI in ALS diagnosis and possible link to VEGF and MMP9 single nucleotide polymorphisms. Case Report. SN Comprehensive Clinical Medicine, 2020, 2, 814-816.	0.3	0
9	TDP-43 and NOVA-1 RNA-binding proteins as competitive splicing regulators of the schizophrenia-associated TNIK gene. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 194413.	0.9	9
10	Modulation of actin polymerization affects nucleocytoplasmic transport in multiple forms of amyotrophic lateral sclerosis. Nature Communications, 2019, 10, 3827.	5.8	54
11	Inter-Species Differences in Regulation of the Progranulinâ€“Sortilin Axis in TDP-43 Cell Models of Neurodegeneration. International Journal of Molecular Sciences, 2019, 20, 5866.	1.8	3
12	Response to the commentary â€œThe effect of C9orf72 intermediate repeat expansions in neurodegenerative and autoimmune diseasesâ€•by Biasiotto G and Zanella I.âœ°. Multiple Sclerosis and Related Disorders, 2019, 27, 79-80.	0.9	1
13	Characterization of the c9orf72 GC-rich low complexity sequence in two cohorts of Italian and Turkish ALS cases. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 426-431.	1.1	2
14	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6.	3.8	517
15	Cognitive-behavioral longitudinal assessment in ALS: the Italian Edinburgh Cognitive and Behavioral ALS screen (ECAS). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2018, 19, 387-395.	1.1	34
16	ALS-associated missense and nonsense TBK1 mutations can both cause loss of kinase function. Neurobiology of Aging, 2018, 71, 266.e1-266.e10.	1.5	59
17	No C9orf72 repeat expansion in patients with primary progressive multiple sclerosis. Multiple Sclerosis and Related Disorders, 2018, 25, 192-195.	0.9	9
18	Genetic analysis of the SOD1 and C9ORF72 genes in Hungarian patients with amyotrophic lateral sclerosis. Neurobiology of Aging, 2017, 53, 195.e1-195.e5.	1.5	17

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19	Poly(GP) proteins are a useful pharmacodynamic marker for C9ORF72 -associated amyotrophic lateral sclerosis. Science Translational Medicine, 2017, 9, .	5.8	179
20	PKC Activation Counteracts ADAM10 Deficit in HuD-Silenced Neuroblastoma Cells. Journal of Alzheimer's Disease, 2016, 54, 535-547.	1.2	10
21	Physiological functions and pathobiology of <scp>TDP</scp>â€43 and <scp>FUS</scp>/<scp>TLS</scp> proteins. Journal of Neurochemistry, 2016, 138, 95-111.	2.1	278
22	The validation of the Italian Edinburgh Cognitive and Behavioural ALS Screen (ECAS). Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 489-498.	1.1	125
23	Gene-specific mitochondria dysfunctions in human TARDBP and C9ORF72 fibroblasts. Acta Neuropathologica Communications, 2016, 4, 47.	2.4	147
24	Dendritic targeting of short and long 3â€² UTR BDNF mRNA is regulated by BDNF or NT-3 and distinct sets of RNA-binding proteins. Frontiers in Molecular Neuroscience, 2015, 8, 62.	1.4	39
25	From transcriptomic to protein level changes in TDP-43 and FUS loss-of-function cell models. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 1398-1410.	0.9	38
26	Analysis of the KIFAP3 gene in amyotrophic lateral sclerosis: a multicenter survival study. Neurobiology of Aging, 2014, 35, 2420.e13-2420.e14.	1.5	16
27	A blinded international study on the reliability of genetic testing for GGGGCC-repeat expansions inC9orf72reveals marked differences in results among 14 laboratories. Journal of Medical Genetics, 2014, 51, 419-424.	1.5	118
28	A genome-wide association meta-analysis identifies a novel locus at 17q11.2 associated with sporadic amyotrophic lateral sclerosis. Human Molecular Genetics, 2014, 23, 2220-2231.	1.4	123
29	Exome-wide Rare Variant Analysis Identifies TUBA4A Mutations Associated with Familial ALS. Neuron, 2014, 84, 324-331.	3.8	308
30	Discovery of a Biomarker and Lead Small Molecules to Target r(GGGGCC)-Associated Defects in c9FTD/ALS. Neuron, 2014, 83, 1043-1050.	3.8	289
31	hnRNPA2/B1 and nELAV proteins bind to a specific U-rich element in CDK5R1 3â€²-UTR and oppositely regulate its expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 506-516.	0.9	9
32	C9orf72 repeat expansions are restricted to the ALS-FTD spectrum. Neurobiology of Aging, 2014, 35, 936.e13-936.e17.	1.5	28
33	ELAV proteins along evolution: Back to the nucleus?. Molecular and Cellular Neurosciences, 2013, 56, 447-455.	1.0	67
34	Oligoclonal bands in the cerebrospinal fluid of amyotrophic lateral sclerosis patients with disease-associated mutations. Journal of Neurology, 2013, 260, 85-92.	1.8	24
35	TDP-43 and FUS RNA-binding Proteins Bind Distinct Sets of Cytoplasmic Messenger RNAs and Differently Regulate Their Post-transcriptional Fate in Motoneuron-like Cells. Journal of Biological Chemistry, 2012, 287, 15635-15647.	1.6	233
36	Mutational analysis of VCP gene in familial amyotrophic lateral sclerosis. Neurobiology of Aging, 2012, 33, 630.e1-630.e2.	1.5	17

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37	C9ORF72 repeat expansion in a large Italian ALS cohort: evidence of a founder effect. Neurobiology of Aging, 2012, 33, 2528.e7-2528.e14.	1.5	74
38	Mutations of FUS gene in sporadic amyotrophic lateral sclerosis. Journal of Medical Genetics, 2010, 47, 190-194.	1.5	152
39	TDPâ€43 is recruited to stress granules in conditions of oxidative insult. Journal of Neurochemistry, 2009, 111, 1051-1061.	2.1	435
40	Discovery of Small Peptides Derived from Embryonic Lethal Abnormal Vision Proteins Structure Showing RNA-Stabilizing Properties. Journal of Medicinal Chemistry, 2009, 52, 5017-5019.	2.9	19
41	Identification of new ANG gene mutations in a large cohort of Italian patients with amyotrophic lateral sclerosis. Neurogenetics, 2008, 9, 33-40.	0.7	102
42	Post-transcriptional Regulation of Neuro-oncological Ventral Antigen 1 by the Neuronal RNA-binding Proteins ELAV. Journal of Biological Chemistry, 2008, 283, 7531-7541.	1.6	56
43	The 3' untranslated region of human Cyclin-Dependent Kinase 5 Regulatory subunit 1 contains regulatory elements affecting transcript stability. BMC Molecular Biology, 2007, 8, 111.	3.0	22
44	A role for the ELAV RNA-binding proteins in neural stem cells: stabilization of Msi1 mRNA. Journal of Cell Science, 2006, 119, 1442-1452.	1.2	89
45	Stem Cell Therapy for Neurodegenerative Diseases: The Issue of Transdifferentiation. Stem Cells and Development, 2004, 13, 121-131.	1.1	27
46	Expanding the phenotype of TARDBP mutation in a Tunisian family with clinical phenotype heterogeneity. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 0, , 1-4.	1.1	1