Pedro Miura

List of Publications by Year
in descending order

37 papers	3,417 citations	279798 23 h-index	345221 36 g-index
42 all docs	42 docs citations	42 times ranked	4711 citing authors

#	Article	IF	Citations
1	Loss of circRNAs from the <i>crhâ€1</i> gene extends the mean lifespan in <i>Caenorhabditis elegans</i>. Aging Cell, 2022, 21, e13560.	6.7	6
2	NOVA2 regulates neural circRNA biogenesis. Nucleic Acids Research, 2021, 49, 6849-6862.	14.5	32
3	CRISPR-Mediated Knockout of Long 3â€² UTR mRNA Isoforms in mESC-Derived Neurons. Frontiers in Genetics, 2021, 12, 789434.	2.3	1
4	Overlapping Activities of ELAV/Hu Family RNA Binding Proteins Specify the Extended Neuronal 3â€² UTR Landscape in Drosophila. Molecular Cell, 2020, 80, 140-155.e6.	9.7	33
5	Emerging Roles for 3â€² UTRs in Neurons. International Journal of Molecular Sciences, 2020, 21, 3413.	4.1	48
6	Elimination of <i>Calm1</i> long 3â€²-UTR mRNA isoform by CRISPRâ€"Cas9 gene editing impairs dorsal root ganglion development and hippocampal neuron activation in mice. Rna, 2020, 26, 1414-1430.	3.5	27
7	Elav-Mediated Exon Skipping and Alternative Polyadenylation of the Dscam1 Gene Are Required for Axon Outgrowth. Cell Reports, 2019, 27, 3808-3817.e7.	6.4	32
8	Age-related defects in short-term plasticity are reversed by acetyl-L-carnitine at the mouse calyx of Held. Neurobiology of Aging, 2018, 67, 108-119.	3.1	6
9	Genome-Wide circRNA Profiling from RNA-seq Data. Methods in Molecular Biology, 2018, 1724, 27-41.	0.9	32
10	CircRNA accumulation: A new hallmark of aging?. Mechanisms of Ageing and Development, 2018, 173, 71-79.	4.6	68
11	Global accumulation of circRNAs during aging in Caenorhabditis elegans. BMC Genomics, 2018, 19, 8.	2.8	139
12	Genome-wide profiling of the 3' ends of polyadenylated RNAs. Methods, 2017, 126, 86-94.	3.8	20
13	Transcriptome profiling of aging Drosophila photoreceptors reveals gene expression trends that correlate with visual senescence. BMC Genomics, 2017, 18, 894.	2.8	76
14	Loss of adult skeletal muscle stem cells drives age-related neuromuscular junction degeneration. ELife, 2017, 6, .	6.0	116
15	CircRNA accumulation in the aging mouse brain. Scientific Reports, 2016, 6, 38907.	3.3	282
16	Emerging Functions of Circular RNAs. Yale Journal of Biology and Medicine, 2016, 89, 527-537.	0.2	173
17	IsoSCM: improved and alternative 3â€² UTR annotation using multiple change-point inference. Rna, 2015, 21, 14-27.	3.5	54
18	Genome-wide Analysis of Drosophila Circular RNAs Reveals Their Structural and Sequence Properties and Age-Dependent Neural Accumulation. Cell Reports, 2014, 9, 1966-1980.	6.4	866

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19	Converging pathways involving microRNA-206 and the RNA-binding protein KSRP control post-transcriptionally utrophin A expression in skeletal muscle. Nucleic Acids Research, 2014, 42, 3982-3997.	14.5	23
20	Alternative polyadenylation in the nervous system: To what lengths will 3â€² UTR extensions take us?. BioEssays, 2014, 36, 766-777.	2.5	51
21	Global Patterns of Tissue-Specific Alternative Polyadenylation in Drosophila. Cell Reports, 2013, 3, 969.	6.4	1
22	Widespread and extensive lengthening of 3â€² UTRs in the mammalian brain. Genome Research, 2013, 23, 812-825.	5.5	308
23	Troglitazone Induces Extracellular Matrix and Cytoskeleton Remodeling in Mouse Collecting Duct Cells. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-10.	3.0	1
24	Global Patterns of Tissue-Specific Alternative Polyadenylation in Drosophila. Cell Reports, 2012, 1, 277-289.	6.4	201
25	Brainâ€derived neurotrophic factor expression is repressed during myogenic differentiation by miRâ€206. Journal of Neurochemistry, 2012, 120, 230-238.	3.9	78
26	Chronic AMPK activation evokes the slow, oxidative myogenic program and triggers beneficial adaptations in mdx mouse skeletal muscle. Human Molecular Genetics, 2011, 20, 3478-3493.	2.9	141
27	The utrophin A 5'-UTR drives cap-independent translation exclusively in skeletal muscles of transgenic mice and interacts with eEF1A2. Human Molecular Genetics, 2010, 19, 1211-1220.	2.9	32
28	Thiazolidinediones alter growth and epithelial cell integrity, independent of PPAR-Î³ and MAPK activation, in mouse M1 cortical collecting duct cells. American Journal of Physiology - Renal Physiology, 2010, 298, F1105-F1112.	2.7	3
29	Pharmacological activation of PPARÂ/Â stimulates utrophin A expression in skeletal muscle fibers and restores sarcolemmal integrity in mature mdx mice. Human Molecular Genetics, 2009, 18, 4640-4649.	2.9	98
30	IRES-Mediated Translation of Utrophin A Is Enhanced by Glucocorticoid Treatment in Skeletal Muscle Cells. PLoS ONE, 2008, 3, e2309.	2.5	39
31	Modulation of utrophin A mRNA stability in fast versus slow muscles via an AU-rich element and calcineurin signaling. Nucleic Acids Research, 2007, 36, 826-838.	14.5	47
32	Activation of PPARÎ´ stimulates utrophin A expression in skeletal muscle cells. FASEB Journal, 2007, 21, A1301.	0.5	1
33	Utrophin upregulation for treating Duchenne or Becker muscular dystrophy: how close are we?. Trends in Molecular Medicine, 2006, 12, 122-129.	6.7	100
34	The Utrophin A 5â€²-Untranslated Region Confers Internal Ribosome Entry Site-mediated Translational Control during Regeneration of Skeletal Muscle Fibers. Journal of Biological Chemistry, 2005, 280, 32997-33005.	3.4	54
35	A 1.3kb promoter fragment confers spatial and temporal expression of utrophin A mRNA in mouse skeletal muscle fibers. Neuromuscular Disorders, 2005, 15, 437-449.	0.6	18
36	Reply to Davies. Neuromuscular Disorders, 2005, 15, 648-649.	0.6	0

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37	A role for regulated binding of p150Glued to microtubule plus ends in organelle transport. Journal of Cell Biology, 2002, 158, 305-319.	5.2	208