

Federico Cremisi

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,510
citations

279798

23
h-index

315739

38
g-index

50
all docs

50
docs citations

50
times ranked

1913
citing authors

#	ARTICLE	IF	CITATIONS
1	Monocular deprivation decreases the expression of messenger RNA for brain-derived neurotrophic factor in the rat visual cortex. <i>Neuroscience</i> , 1995, 69, 1133-1144.	2.3	126
2	MicroRNAs couple cell fate and developmental timing in retina. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21179-21184.	7.1	124
3	Cell cycle and cell fate interactions in neural development. <i>Current Opinion in Neurobiology</i> , 2003, 13, 26-33.	4.2	106
4	Emx2 Promotes Symmetric Cell Divisions and a Multipotential Fate in Precursors from the Cerebral Cortex. <i>Molecular and Cellular Neurosciences</i> , 2001, 18, 485-502.	2.2	105
5	TrkA, TrkB and p75 mRNA expression is developmentally regulated in the rat retina. <i>Brain Research</i> , 1995, 704, 121-124.	2.2	70
6	Xrx1 controls proliferation and neurogenesis in <i>Xenopus</i> anterior neural plate. <i>Development (Cambridge)</i> , 2003, 130, 5143-5155.	2.5	69
7	MicroRNA 218 Mediates the Effects of Tbx5a Over-Expression on Zebrafish Heart Development. <i>PLoS ONE</i> , 2012, 7, e50536.	2.5	69
8	Xrx1 controls proliferation and multipotency of retinal progenitors. <i>Molecular and Cellular Neurosciences</i> , 2003, 22, 25-36.	2.2	60
9	Developmental expression of PC3 gene is correlated with neuronal cell birthday. <i>Mechanisms of Development</i> , 1994, 47, 127-137.	1.7	45
10	Timing the Generation of Distinct Retinal Cells by Homeobox Proteins. <i>PLoS Biology</i> , 2006, 4, e272.	5.6	42
11	A developmentally regulated nerve growth factor-induced gene, VGF, is expressed in geniculocortical afferents during synaptogenesis. <i>Neuroscience</i> , 1995, 65, 997-1008.	2.3	39
12	MicroRNAs and cell fate in cortical and retinal development. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 141.	3.7	37
13	PC3 overexpression affects the pattern of cell division of rat cortical precursors. <i>Mechanisms of Development</i> , 2000, 90, 17-28.	1.7	36
14	miR-290 acts as a physiological effector of senescence in mouse embryo fibroblasts. <i>Physiological Genomics</i> , 2009, 39, 210-218.	2.3	34
15	Heterochromatic DNA in <i>Triturus</i> (Amphibia, Urodela). <i>Chromosoma</i> , 1988, 97, 204-211.	2.2	32
16	Dicer inactivation causes heterochronic retinogenesis in <i>Xenopus laevis</i> . <i>International Journal of Developmental Biology</i> , 2008, 52, 1099-1103.	0.6	31
17	Dystroglycan is required for proper retinal layering. <i>Developmental Biology</i> , 2006, 290, 411-420.	2.0	30
18	Cadmium-induced apoptosis in murine fibroblasts is suppressed by Bcl-2. <i>Archives of Toxicology</i> , 2001, 75, 313-320.	4.2	29

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19	Noggin Elicits Retinal Fate in <i>Xenopus</i> Animal Cap Embryonic Stem Cells. <i>Stem Cells</i> , 2009, 27, 2146-2152.	3.2	29
20	The positional identity of mouse ES cell-generated neurons is affected by BMP signaling. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1095-1111.	5.4	29
21	A new ribozyme: a catalytic activity in search of a function.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 1651-1655.	7.1	27
22	Cloning and developmental expression of the <i>Xenopus</i> homeobox gene <i>Xvsx1</i> . <i>Development Genes and Evolution</i> , 2006, 216, 829-34.	0.9	27
23	5-HT _{2B} -mediated serotonin signaling is required for eye morphogenesis in <i>Xenopus</i> . <i>Molecular and Cellular Neurosciences</i> , 2005, 29, 299-312.	2.2	24
24	microRNA(interference) networks are embedded in the gene regulatory networks. <i>Cell Cycle</i> , 2008, 7, 2458-2461.	2.6	24
25	From pluripotency to forebrain patterning: an in vitro journey astride embryonic stem cells. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2917-2930.	5.4	23
26	MicroRNA 19a replacement partially rescues fin and cardiac defects in zebrafish model of Holt Oram syndrome. <i>Scientific Reports</i> , 2015, 5, 18240.	3.3	21
27	Activin/Nodal Signaling Supports Retinal Progenitor Specification in a Narrow Time Window during Pluripotent Stem Cell Neuralization. <i>Stem Cell Reports</i> , 2015, 5, 532-545.	4.8	20
28	Neurons Generated by Mouse ESCs with Hippocampal or Cortical Identity Display Distinct Projection Patterns When Co-transplanted in the Adult Brain. <i>Stem Cell Reports</i> , 2018, 10, 1016-1029.	4.8	19
29	Two dispersed highly repeated DNA families of <i>Triturus vulgaris meridionalis</i> (Amphibia, Urodela) are widely conserved among Salamandridae. <i>Chromosoma</i> , 1991, 100, 87-96.	2.2	17
30	Expression of the PC4 gene in the developing rat nervous system. <i>Brain Research</i> , 1996, 707, 293-297.	2.2	17
31	Assessment of antibody library diversity through next generation sequencing and technical error compensation. <i>PLoS ONE</i> , 2017, 12, e0177574.	2.5	17
32	The double inhibition of endogenously produced BMP and <i>Wnt</i> factors synergistically triggers dorsal telencephalic differentiation of mouse ES cells. <i>Developmental Neurobiology</i> , 2015, 75, 66-79.	3.0	16
33	RISC-mediated control of selected chromatin regulators stabilizes ground state pluripotency of mouse embryonic stem cells. <i>Genome Biology</i> , 2016, 17, 94.	8.8	12
34	miR-182-5p is an evolutionarily conserved <i>Tbx5</i> effector that impacts cardiac development and electrical activity in zebrafish. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3215-3229.	5.4	12
35	The microRNA miR-21 Is a Mediator of FGF8 Action on Cortical COUP-TFI Translation. <i>Stem Cell Reports</i> , 2018, 11, 756-769.	4.8	11
36	COTAN: scRNA-seq data analysis based on gene co-expression. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab072.	3.2	11

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37	Timing neurogenesis by cell cycle?. <i>Cell Cycle</i> , 2010, 9, 434-435.	2.6	9
38	Post-transcriptional Modulation of Sphingosine-1-Phosphate Receptor 1 by miR-19a Affects Cardiovascular Development in Zebrafish. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 58.	3.7	9
39	Pluripotent Stem Cells for Brain Repair: Protocols and Preclinical Applications in Cortical and Hippocampal Pathologies. <i>Frontiers in Neuroscience</i> , 2019, 13, 684.	2.8	9
40	Lysosome Dynamic Properties during Neuronal Stem Cell Differentiation Studied by Spatiotemporal Fluctuation Spectroscopy and Organelle Tracking. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3397.	4.1	8
41	A eutherian-specific microRNA controls the translation of <i>Satb2</i> in a model of cortical differentiation. <i>Stem Cell Reports</i> , 2021, 16, 1496-1509.	4.8	8
42	Noggin-Mediated Retinal Induction Reveals a Novel Interplay Between Bone Morphogenetic Protein Inhibition, Transforming Growth Factor β^2 , and Sonic Hedgehog Signaling. <i>Stem Cells</i> , 2015, 33, 2496-2508.	3.2	5
43	In vivo PC3 overexpression by retroviral vector affects cell differentiation of rat cortical precursors. <i>Developmental Brain Research</i> , 2001, 128, 181-185.	1.7	4
44	A specific box switches the cell fate determining activity of XOTX2 and XOTX5b in the <i>Xenopus</i> retina. <i>Neural Development</i> , 2007, 2, 12.	2.4	4
45	MicroRNAs regulatory networks governing the epigenetic landscape of MEN1 gastroenteropancreatic neuroendocrine tumor: A case report. <i>Clinical and Translational Medicine</i> , 2021, 11, e351.	4.0	4
46	Organizing the Eye. , 2004, , 257-278.		4
47	Evolution of highly repeated DNA within the genus <i>Triturus</i> (Amphibia, Urodela). <i>Cytotechnology</i> , 1988, 1, 185-188.	1.6	3
48	Assessing Pattern Recognition Performance of Neuronal Cultures through Accurate Simulation. , 2021, , .		2