

MÃ”nica Beltrame

List of Publications by Year in descending order

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31
papers

1,693
citations

394421

19
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414414

32
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all docs

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docs citations

32
times ranked

2530
citing authors

#	ARTICLE	IF	CITATIONS
1	The Lysine Methylase SMYD3 Modulates Mesendodermal Commitment during Development. <i>Cells</i> , 2021, 10, 1233.	4.1	3
2	Glycogen storage in a zebrafish Pompe disease model is reduced by 3-BrPA treatment. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165662.	3.8	7
3	Advantages and Challenges of Cardiovascular and Lymphatic Studies in Zebrafish Research. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 89.	3.7	5
4	Zebrafish Tmem230a cooperates with the Delta/Notch signaling pathway to modulate endothelial cell number in angiogenic vessels. <i>Journal of Cellular Physiology</i> , 2018, 233, 1455-1467.	4.1	10
5	ESCRT genes and regulation of developmental signaling. <i>Seminars in Cell and Developmental Biology</i> , 2018, 74, 29-39.	5.0	16
6	A light-gated potassium channel for sustained neuronal inhibition. <i>Nature Methods</i> , 2018, 15, 969-976.	19.0	47
7	SoxF factors induce Notch1 expression via direct transcriptional regulation during early arterial development. <i>Development (Cambridge)</i> , 2017, 144, 2629-2639.	2.5	43
8	Nfix Induces a Switch in Sox6 Transcriptional Activity to Regulate MyHC-I Expression in Fetal Muscle. <i>Cell Reports</i> , 2016, 17, 2354-2366.	6.4	34
9	Engineering of a light-gated potassium channel. <i>Science</i> , 2015, 348, 707-710.	12.6	133
10	Sox18 Genetically Interacts With VegfC to Regulate Lymphangiogenesis in Zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1238-1247.	2.4	38
11	Characterization and expression analysis of mcoln1.1 and mcoln1.2, the putative zebrafish co-orthologs of the gene responsible for human mucopolipidosis type IV. <i>International Journal of Developmental Biology</i> , 2013, 57, 85-93.	0.6	10
12	The Synaptic Proteins Î²-Neurexin and Neuroligin Synergize With Extracellular Matrix-Binding Vascular Endothelial Growth Factor A During Zebrafish Vascular Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1563-1572.	2.4	24
13	Ve-ptp Modulates Vascular Integrity by Promoting Adherens Junction Maturation. <i>PLoS ONE</i> , 2012, 7, e51245.	2.5	17
14	The HMGB protein gene family in zebrafish: Evolution and embryonic expression patterns. <i>Gene Expression Patterns</i> , 2011, 11, 3-11.	0.8	33
15	Sox Factors Transcriptionally Regulate ROBO4 Gene Expression in Developing Vasculature in Zebrafish. <i>Journal of Biological Chemistry</i> , 2011, 286, 30740-30747.	3.4	15
16	Characterization of the neuroligin gene family expression and evolution in zebrafish. <i>Developmental Dynamics</i> , 2010, 239, 688-702.	1.8	19
17	AÃ peptides accelerate the senescence of endothelial cells <i>in vitro</i> and <i>in vivo</i> , impairing angiogenesis. <i>FASEB Journal</i> , 2010, 24, 2385-2395.	0.5	79
18	SoxF genes: Key players in the development of the cardio-vascular system. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 445-448.	2.8	137

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19	Zebrafish Numb and Numlike Are Involved in Primitive Erythrocyte Differentiation. PLoS ONE, 2010, 5, e14296.	2.5	16
20	Sox18 and Sox7 play redundant roles in vascular development. Blood, 2008, 111, 2657-2666.	1.4	179
21	Comparative Genome Analysis of the Neurexin Gene Family in Danio rerio: Insights into Their Functions and Evolution. Molecular Biology and Evolution, 2007, 24, 236-252.	8.9	38
22	Ectopic expression and knockdown of a zebrafish sox21 reveal its role as a transcriptional repressor in early development. Mechanisms of Development, 2004, 121, 131-142.	1.7	38
23	Hyperpolarization-activated Cyclic Nucleotide-gated Channel 1 Is a Molecular Determinant of the Cardiac Pacemaker Current I _f . Journal of Biological Chemistry, 2001, 276, 29233-29241.	3.4	95
24	Cloning and expression pattern of a zebrafish homolog of forkhead activin signal transducer (FAST), a transcription factor mediating Nodal-related signals. Mechanisms of Development, 2000, 99, 187-190.	1.7	8
25	Expression patterns of zebrafish sox11A, sox11B and sox21. Mechanisms of Development, 1999, 89, 167-171.	1.7	52
26	The RAG1 Homeodomain Recruits HMG1 and HMG2 To Facilitate Recombination Signal Sequence Binding and To Enhance the Intrinsic DNA-Bending Activity of RAG1-RAG2. Molecular and Cellular Biology, 1999, 19, 6532-6542.	2.3	112
27	Flexing DNA: HMG-Box Proteins and Their Partners. American Journal of Human Genetics, 1998, 63, 1573-1577.	6.2	110
28	Mutational analysis of an essential binding site for the U3 snoRNA in the 5' external transcribed spacer of yeast pre-rRNA. Nucleic Acids Research, 1994, 22, 4057-4065.	14.5	61
29	Mutational analysis of an essential binding site for the U3 snoRNA in the 5' external transcribed spacer of yeast pre-rRNA. Nucleic Acids Research, 1994, 22, 5139-5147.	14.5	91
30	Protein HU binds specifically to kinked DNA. Molecular Microbiology, 1993, 7, 343-350.	2.5	187
31	Sequence of the cDNA for one acidic ribosomal protein of Schizosaccharomyces pombe. Nucleic Acids Research, 1987, 15, 9089-9089.	14.5	17