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List of Publications by Year
in descending order

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55 papers	847 citations	516710 16 h-index	580821 25 g-index
55 all docs	55 docs citations	55 times ranked	647 citing authors

#	Article	IF	Citations
1	Identification of a novel TPM4 isoform transcript and comparison to the expression of other tropomyosin isoforms in bovine cardiac and skeletal muscles. International Journal of Biochemistry and Molecular Biology, 2021, 12, 17-34.	0.1	0
2	Effect of MGâ€132 on myofibrillogenesis and the ubiquitination of GAPDH in quail myotubes. Cytoskeleton, 2021, 78, 375-390.	2.0	0
3	Inhibitors of the ubiquitin proteasome system block myofibril assembly in cardiomyocytes derived from chick embryos and human pluripotent stem cells. Cytoskeleton, 2021, 78, 461-491.	2.0	6
4	Sarcomeric <scp>TPM3</scp> expression in human heart and skeletal muscle. Cytoskeleton, 2020, 77, 313-328.	2.0	11
5	Myofibril assembly and the roles of the ubiquitin proteasome system. Cytoskeleton, 2020, 77, 456-479.	2.0	12
6	Sarcomeric TPM3Î± in developing chicken. Cytoskeleton, 2018, 75, 174-182.	2.0	2
7	Myofibril Assembly in Cultured Mouse Neonatal Cardiomyocytes. Anatomical Record, 2018, 301, 2067-2079.	1.4	11
8	Qualitative and quantitative evaluation of TPM transcripts and proteins in developing striated chicken muscles indicate TPM4Î± is the major sarcomeric cardiac tropomyosin from early embryonic life to adulthood. Cytoskeleton, 2018, 75, 437-449.	2.0	2
9	Delayed Seroconversion to HTLV-II Is Associated with a Stop-Codon Mutation in thepolGene. AIDS Research and Human Retroviruses, 2017, 33, 490-495.	1.1	1
10	Identification, characterization, and expression of sarcomeric tropomyosin isoforms in zebrafish. Cytoskeleton, 2017, 74, 125-142.	2.0	13
11	Expression of various sarcomeric tropomyosin isoforms in equine striated muscles. Open Veterinary Journal, 2017, 7, 180.	0.7	7
12	Cloning, Sequencing, and the Expression of the Elusive Sarcomeric TPM4Î±Isoform in Humans. Molecular Biology International, 2016, 2016, 1-11.	1.7	13
13	Expression of tropomyosin 2 gene isoforms in human breast cancer cell lines. Oncology Reports, 2016, 35, 3143-3150.	2.6	17
14	Assembly and Maintenance of Myofibrils in Striated Muscle. Handbook of Experimental Pharmacology, 2016, 235, 39-75.	1.8	55
15	Expression of Tropomyosin 1 Gene Isoforms in Human Breast Cancer Cell Lines. International Journal of Breast Cancer, 2015, 2015, 1-11.	1.2	17
16	Expression of Sarcomeric Tropomyosin in Striated Muscles in Axolotl Treated with Shz-1, a Small Cardiogenic Molecule. Cardiovascular Toxicology, 2015, 15, 29-40.	2.7	7
17	Inhibition of the Ubiquitin Proteasomal System Reversibly Blocks Myofibrillogenesis. FASEB Journal, 2015, 29, 86.3.	0.5	0
18	Translational Control of Tropomyosin Expression in Vertebrate Hearts. Anatomical Record, 2014, 297, 1585-1595.	1.4	15

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19	Expression of Myotilin During Chicken Development. Anatomical Record, 2014, 297, C1-C1.	1.4	0
20	Expression of TPM1Î², a Novel Sarcomeric Isoform of the TPM1 Gene, in Mouse Heart and Skeletal Muscle. Molecular Biology International, 2014, 2014, 1-9.	1.7	8
21	Expression of Myotilin During Chicken Development. Anatomical Record, 2014, 297, 1596-1603.	1.4	7
22	Jasplakinolide reduces actin and tropomyosin dynamics during myofibrillogenesis. Cytoskeleton, 2014, 71, 513-529.	2.0	24
23	Expression of tropomyosin in relation to myofibrillogenesis in axolotl hearts. Regenerative Medicine Research, 2013, 1, 8.	2.5	4
24	Clock is not a component of Zâ€bands. Cytoskeleton, 2012, 69, 1021-1031.	2.0	14
25	Absence of Mutation at the 5â€²-Upstream Promoter Region of the TPM4 Gene From Cardiac Mutant Axolotl (Ambystoma mexicanum). Cardiovascular Toxicology, 2011, 11, 235-243.	2.7	12
26	Myotilin dynamics in cardiac and skeletal muscle cells. Cytoskeleton, 2011, 68, 661-670.	2.0	22
27	Expression of a novel tropomyosin isoform in axolotl heart and skeletal muscle. Journal of Cellular Biochemistry, 2010, 110, 875-881.	2.6	27
28	Molecular and Functional Characterization of a Novel Cardiac-Specific Human Tropomyosin Isoform. Circulation, 2010, 121, 410-418.	1.6	89
29	Expression of Nkx2.5 in Wild Type, Cardiac Mutant, and Thyroxine-Induced Metamorphosed Hearts of the Mexican Axolotl. Cardiovascular Toxicology, 2009, 9, 13-20.	2.7	15
30	Myofibril-Inducing RNA (MIR) is essential for tropomyosin expression and myofibrillogenesis in axolotl hearts. Journal of Biomedical Science, 2009, 16, 81.	7.0	11
31	Tropomyosin expression and dynamics in developing avian embryonic muscles. Cytoskeleton, 2008, 65, 379-392.	4.4	27
32	Ectopic expression and dynamics of TPM1Î± and TPM1Î² in myofibrils of avian myotubes. Cytoskeleton, 2007, 64, 767-776.	4.4	37
33	A Reduction of Tropomyosin Limits Development of Sarcomeric Structures in Cardiac Mutant Hearts of the Mexican Axolotl. Cardiovascular Toxicology, 2007, 7, 235-246.	2.7	4
34	Tropomodulin Expression in Developing Hearts of Normal and Cardiac Mutant Mexican Axolotl. Cardiovascular Toxicology, 2006, 6, 85-98.	2.7	5
35	Differential expression of tropomyosin during segmental heart development in Mexican axolotl. Journal of Cellular Biochemistry, 2006, 99, 952-965.	2.6	3
36	The benefits of 28S rRNA for standardization of reverse transcription-polymerase chain reaction for studying gene expression. Analytical Biochemistry, 2005, 341, 382-384.	2.4	10

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37	Cardiac Myofibril Formation Is Not Affected by Modification of Both N- and C-Termini of Sarcomeric Tropomyosin. Cardiovascular Toxicology, 2005, 5, 001-008.	2.7	8
38	Diminished Myofibril Organization in Mutant Axolotl Hearts Transfected With Site-Directed Mutants of Sarcomeric Tropomyosins. Cardiovascular Toxicology, 2005, 5, 075-090.	2.7	3
39	Anti-sense-mediated inhibition of expression of the novel striated tropomyosin isoform TPM1Î² disrupts myofibril organization in embryonic axolotl hearts. Journal of Cellular Biochemistry, 2005, 95, 840-848.	2.6	9
40	Expression of a novel cardiac-specific tropomyosin isoform in humans. Biochemical and Biophysical Research Communications, 2004, 320, 1291-1297.	2.1	65
41	A point mutation in bioactive RNA results in the failure of mutant heart correction in mexican axolotls. Anatomy and Embryology, 2003, 206, 495-506.	1.5	17
42	Identification, characterization, and expression of a novel ?-tropomyosin isoform in cardiac tissues in developing chicken. Journal of Cellular Biochemistry, 2003, 89, 427-439.	2.6	23
43	A novel striated tropomyosin incorporated into organized myofibrils of cardiomyocytes in cell and organ culture. FEBS Letters, 2002, 520, 35-39.	2.8	16
44	Characterization of a TM-4 type tropomyosin that is essential for myofibrillogenesis and contractile activity in embryonic hearts of the Mexican axolotl. Journal of Cellular Biochemistry, 2002, 85, 747-761.	2.6	24
45	Expression of HoxA5 in the Heart Is Upregulated During Thyroxin-Induced Metamorphosis of the Mexican Axolotl (Ambystoma mexicanum). Cardiovascular Toxicology, 2001, 1, 225-236.	2.7	8
46	The Cardiac Mutant Mexican Axolotl Is a Unique Animal Model for Evaluation of Cardiac Myofibrillogenesis. Experimental Cell Research, 1999, 248, 557-566.	2.6	18
47	Cloning and sequencing of the cDNA for an RNA-binding protein from the Mexican axolotl: binding affinity of the in vitro synthesized protein. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1998, 1398, 265-274.	2.4	3
48	Ectopic expression of tropomyosin promotes myofibrillogenesis in mutant axolotl hearts. , 1998, 213, 412-420.		39
49	The Heart of Metamorphosing Mexican Axolotl but Not That of the Cardiac Mutant Is Associated with the Upregulation ofHox A5. Biochemical and Biophysical Research Communications, 1998, 245, 746-751.	2.1	5
50	Differential expression of a novel isoform of Î±-tropomyosin in cardiac and skeletal muscle of the Mexican axolotl (Ambystoma mexicanum). Gene, 1997, 185, 175-180.	2.2	26
51	A Specific Synthetic RNA Promotes Cardiac Myofibrillogenesis in the Mexican Axolotl. Biochemical and Biophysical Research Communications, 1996, 229, 974-981.	2.1	23
52	Differential expression of C-protein isoforms in the developing heart of normal and cardiac lethal mutant axolotls (Ambystoma mexicanum). , 1996, 205, 93-103.		9
53	Immunohistochemical analysis of C-protein isoforms in cardiac and skeletal muscle of the axolotl, Ambystoma mexicanum. Cell and Tissue Research, 1995, 282, 399-406.	2.9	7
54	Identification and expression of a homologue of the murine HoxA5 gene in the Mexican axolotl (ambystoma mexicanum). Gene, 1995, 162, 249-253.	2.2	7

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55	Artificial mutants generated by the insertion of random oligonucleotides into the putative nucleoside binding site of the HSV-1 thymidine kinase gene. Biochemistry, 1991, 30, 11760-11767.	2.5	29