

Dipak K Dube

List of Publications by Year in descending order

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papers

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516710

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all docs

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docs citations

55
times ranked

647
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular and Functional Characterization of a Novel Cardiac-Specific Human Tropomyosin Isoform. <i>Circulation</i> , 2010, 121, 410-418.	1.6	89
2	Expression of a novel cardiac-specific tropomyosin isoform in humans. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 1291-1297.	2.1	65
3	Assembly and Maintenance of Myofibrils in Striated Muscle. <i>Handbook of Experimental Pharmacology</i> , 2016, 235, 39-75.	1.8	55
4	Ectopic expression of tropomyosin promotes myofibrillogenesis in mutant axolotl hearts. , 1998, 213, 412-420.		39
5	Ectopic expression and dynamics of TPM1 ^{1±} and TPM1 ^{1±} in myofibrils of avian myotubes. <i>Cytoskeleton</i> , 2007, 64, 767-776.	4.4	37
6	Artificial mutants generated by the insertion of random oligonucleotides into the putative nucleoside binding site of the HSV-1 thymidine kinase gene. <i>Biochemistry</i> , 1991, 30, 11760-11767.	2.5	29
7	Tropomyosin expression and dynamics in developing avian embryonic muscles. <i>Cytoskeleton</i> , 2008, 65, 379-392.	4.4	27
8	Expression of a novel tropomyosin isoform in axolotl heart and skeletal muscle. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 875-881.	2.6	27
9	Differential expression of a novel isoform of 1±-tropomyosin in cardiac and skeletal muscle of the Mexican axolotl (<i>Ambystoma mexicanum</i>). <i>Gene</i> , 1997, 185, 175-180.	2.2	26
10	Characterization of a TM-4 type tropomyosin that is essential for myofibrillogenesis and contractile activity in embryonic hearts of the Mexican axolotl. <i>Journal of Cellular Biochemistry</i> , 2002, 85, 747-761.	2.6	24
11	Jasplakinolide reduces actin and tropomyosin dynamics during myofibrillogenesis. <i>Cytoskeleton</i> , 2014, 71, 513-529.	2.0	24
12	A Specific Synthetic RNA Promotes Cardiac Myofibrillogenesis in the Mexican Axolotl. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 974-981.	2.1	23
13	Identification, characterization, and expression of a novel 2-tropomyosin isoform in cardiac tissues in developing chicken. <i>Journal of Cellular Biochemistry</i> , 2003, 89, 427-439.	2.6	23
14	Myotilin dynamics in cardiac and skeletal muscle cells. <i>Cytoskeleton</i> , 2011, 68, 661-670.	2.0	22
15	The Cardiac Mutant Mexican Axolotl Is a Unique Animal Model for Evaluation of Cardiac Myofibrillogenesis. <i>Experimental Cell Research</i> , 1999, 248, 557-566.	2.6	18
16	A point mutation in bioactive RNA results in the failure of mutant heart correction in mexican axolotls. <i>Anatomy and Embryology</i> , 2003, 206, 495-506.	1.5	17
17	Expression of Tropomyosin 1 Gene Isoforms in Human Breast Cancer Cell Lines. <i>International Journal of Breast Cancer</i> , 2015, 2015, 1-11.	1.2	17
18	Expression of tropomyosin 2 gene isoforms in human breast cancer cell lines. <i>Oncology Reports</i> , 2016, 35, 3143-3150.	2.6	17

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19	A novel striated tropomyosin incorporated into organized myofibrils of cardiomyocytes in cell and organ culture. <i>FEBS Letters</i> , 2002, 520, 35-39.	2.8	16
20	Expression of Nkx2.5 in Wild Type, Cardiac Mutant, and Thyroxine-Induced Metamorphosed Hearts of the Mexican Axolotl. <i>Cardiovascular Toxicology</i> , 2009, 9, 13-20.	2.7	15
21	Translational Control of Tropomyosin Expression in Vertebrate Hearts. <i>Anatomical Record</i> , 2014, 297, 1585-1595.	1.4	15
22	Clock is not a component of Zâ€¢bands. <i>Cytoskeleton</i> , 2012, 69, 1021-1031.	2.0	14
23	Cloning, Sequencing, and the Expression of the Elusive Sarcomeric TPM4<i>±</i> Isoform in Humans. <i>Molecular Biology International</i> , 2016, 2016, 1-11.	1.7	13
24	Identification, characterization, and expression of sarcomeric tropomyosin isoforms in zebrafish. <i>Cytoskeleton</i> , 2017, 74, 125-142.	2.0	13
25	Absence of Mutation at the 5â€²-Upstream Promoter Region of the TPM4 Gene From Cardiac Mutant Axolotl (<i>Ambystoma mexicanum</i>). <i>Cardiovascular Toxicology</i> , 2011, 11, 235-243.	2.7	12
26	Myofibril assembly and the roles of the ubiquitin proteasome system. <i>Cytoskeleton</i> , 2020, 77, 456-479.	2.0	12
27	Myofibril-Inducing RNA (MIR) is essential for tropomyosin expression and myofibrillogenesis in axolotl hearts. <i>Journal of Biomedical Science</i> , 2009, 16, 81.	7.0	11
28	Myofibril Assembly in Cultured Mouse Neonatal Cardiomyocytes. <i>Anatomical Record</i> , 2018, 301, 2067-2079.	1.4	11
29	Sarcomeric <sc>TPM3</sc> expression in human heart and skeletal muscle. <i>Cytoskeleton</i> , 2020, 77, 313-328.	2.0	11
30	The benefits of 28S rRNA for standardization of reverse transcription-polymerase chain reaction for studying gene expression. <i>Analytical Biochemistry</i> , 2005, 341, 382-384.	2.4	10
31	Differential expression of C-protein isoforms in the developing heart of normal and cardiac lethal mutant axolotls (<i>Ambystoma mexicanum</i>)., 1996, 205, 93-103.		9
32	Anti-sense-mediated inhibition of expression of the novel striated tropomyosin isoform TPM1 [±] disrupts myofibril organization in embryonic axolotl hearts. <i>Journal of Cellular Biochemistry</i> , 2005, 95, 840-848.	2.6	9
33	Expression of HoxA5 in the Heart Is Upregulated During Thyroxin-Induced Metamorphosis of the Mexican Axolotl (<i>Ambystoma mexicanum</i>). <i>Cardiovascular Toxicology</i> , 2001, 1, 225-236.	2.7	8
34	Cardiac Myofibril Formation Is Not Affected by Modification of Both N- and C-Termini of Sarcomeric Tropomyosin. <i>Cardiovascular Toxicology</i> , 2005, 5, 001-008.	2.7	8
35	Expression of TPM1 [±] , a Novel Sarcomeric Isoform of the TPM1 Gene, in Mouse Heart and Skeletal Muscle. <i>Molecular Biology International</i> , 2014, 2014, 1-9.	1.7	8
36	Immunohistochemical analysis of C-protein isoforms in cardiac and skeletal muscle of the axolotl, <i>Ambystoma mexicanum</i> . <i>Cell and Tissue Research</i> , 1995, 282, 399-406.	2.9	7

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37	Identification and expression of a homologue of the murine HoxA5 gene in the Mexican axolotl (ambystoma mexicanum). <i>Gene</i> , 1995, 162, 249-253.	2.2	7
38	Expression of Myotilin During Chicken Development. <i>Anatomical Record</i> , 2014, 297, 1596-1603.	1.4	7
39	Expression of Sarcomeric Tropomyosin in Striated Muscles in Axolotl Treated with Shz-1, a Small Cardiogenic Molecule. <i>Cardiovascular Toxicology</i> , 2015, 15, 29-40.	2.7	7
40	Expression of various sarcomeric tropomyosin isoforms in equine striated muscles. <i>Open Veterinary Journal</i> , 2017, 7, 180.	0.7	7
41	Inhibitors of the ubiquitin proteasome system block myofibril assembly in cardiomyocytes derived from chick embryos and human pluripotent stem cells. <i>Cytoskeleton</i> , 2021, 78, 461-491.	2.0	6
42	The Heart of Metamorphosing Mexican Axolotl but Not That of the Cardiac Mutant Is Associated with the Upregulation of Hox A5. <i>Biochemical and Biophysical Research Communications</i> , 1998, 245, 746-751.	2.1	5
43	Tropomodulin Expression in Developing Hearts of Normal and Cardiac Mutant Mexican Axolotl. <i>Cardiovascular Toxicology</i> , 2006, 6, 85-98.	2.7	5
44	A Reduction of Tropomyosin Limits Development of Sarcomeric Structures in Cardiac Mutant Hearts of the Mexican Axolotl. <i>Cardiovascular Toxicology</i> , 2007, 7, 235-246.	2.7	4
45	Expression of tropomyosin in relation to myofibrillogenesis in axolotl hearts. <i>Regenerative Medicine Research</i> , 2013, 1, 8.	2.5	4
46	Cloning and sequencing of the cDNA for an RNA-binding protein from the Mexican axolotl: binding affinity of the in vitro synthesized protein. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998, 1398, 265-274.	2.4	3
47	Diminished Myofibril Organization in Mutant Axolotl Hearts Transfected With Site-Directed Mutants of Sarcomeric Tropomyosins. <i>Cardiovascular Toxicology</i> , 2005, 5, 075-090.	2.7	3
48	Differential expression of tropomyosin during segmental heart development in Mexican axolotl. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 952-965.	2.6	3
49	Sarcomeric TPM3 [±] in developing chicken. <i>Cytoskeleton</i> , 2018, 75, 174-182.	2.0	2
50	Qualitative and quantitative evaluation of TPM transcripts and proteins in developing striated chicken muscles indicate TPM4 [±] is the major sarcomeric cardiac tropomyosin from early embryonic life to adulthood. <i>Cytoskeleton</i> , 2018, 75, 437-449.	2.0	2
51	Delayed Seroconversion to HTLV-II Is Associated with a Stop-Codon Mutation in the pol Gene. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 490-495.	1.1	1
52	Expression of Myotilin During Chicken Development. <i>Anatomical Record</i> , 2014, 297, C1-C1.	1.4	0
53	Inhibition of the Ubiquitin Proteasomal System Reversibly Blocks Myofibrillogenesis. <i>FASEB Journal</i> , 2015, 29, 86.3.	0.5	0
54	Identification of a novel TPM4 isoform transcript and comparison to the expression of other tropomyosin isoforms in bovine cardiac and skeletal muscles. <i>International Journal of Biochemistry and Molecular Biology</i> , 2021, 12, 17-34.	0.1	0

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55	Effect of MGâ€132 on myofibrillogenesis and the ubiquitination of GAPDH in quail myotubes. Cytoskeleton, 2021, 78, 375-390.	2.0	0