Krzysztof Jagla

List of Publications by Year
in descending order

64 papers	1,965 citations	218381 26 h-index	276539 41 g-index
71 all docs	71 docs citations	71 times ranked	2073 citing authors

#	Article	IF	Citations
1	Diversification of muscle types in Drosophila embryos. Experimental Cell Research, 2022, 410, 112950.	1.2	6
2	The relationship between muscle stem cells and motor neurons. Cellular and Molecular Life Sciences, 2021, 78, 5043-5049.	2.4	5
3	Zebrafish as a Model for the Study of Lipid-Lowering Drug-Induced Myopathies. International Journal of Molecular Sciences, 2021, 22, 5654.	1.8	7
4	Gelsolin and dCryAB act downstream of muscle identity genes and contribute to preventing muscle splitting and branching in Drosophila. Scientific Reports, 2021, 11, 13197.	1.6	5
5	A polarized nucleus-cytoskeleton-ECM connection in migrating cardioblasts controls heart tube formation in Drosophila. Development (Cambridge), 2021, 148, .	1.2	0
6	Drosophila Heart as a Model for Cardiac Development and Diseases. Cells, 2021, 10, 3078.	1.8	24
7	Transcriptomic and Genetic Analyses Identify the KrÃ¼ppel-Like Factor Dar1 as a New Regulator of Tube-Shaped Long Tendon Development. Frontiers in Cell and Developmental Biology, 2021, 9, 747563.	1.8	1
8	Genetic Control of Muscle Diversification and Homeostasis: Insights from Drosophila. Cells, 2020, 9, 1543.	1.8	13
9	Insulin-dependent Non-canonical Activation of Notch in Drosophila: A Story of Notch-Induced Muscle Stem Cell Proliferation. Advances in Experimental Medicine and Biology, 2020, 1227, 131-144.	0.8	5
10	<i>Drosophila</i> adult muscle precursor cells contribute to motor axon pathfinding and proper innervation of embryonic muscles. Development (Cambridge), 2020, 147, .	1.2	4
11	Odd-skipped and Stripe act downstream of Notch to promote the morphogenesis of long appendicular tendons in<i>Drosophila</i>. Biology Open, 2019, 8, .	0.6	4
12	Straightjacket/Î±2Î´3 deregulation is associated with cardiac conduction defects in myotonic dystrophy type 1. ELife, 2019, 8, .	2.8	8
13	Bruno-3 regulates sarcomere components expression and contributes to muscle phenotypes of Myotonic dystrophy type 1. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	16
14	Developmental Expression and Functions of the Small Heat Shock Proteins in Drosophila. International Journal of Molecular Sciences, 2018, 19, 3441.	1.8	25
15	Dissecting Pathogenetic Mechanisms and Therapeutic Strategies in Drosophila Models of Myotonic Dystrophy Type 1. International Journal of Molecular Sciences, 2018, 19, 4104.	1.8	14
16	Drosophila Hsp67Bc hot-spot variants alter muscle structure and function. Cellular and Molecular Life Sciences, 2018, 75, 4341-4356.	2.4	9
17	Characterization of Drosophila Muscle Stem Cell-Like Adult Muscle Precursors. Methods in Molecular Biology, 2017, 1556, 103-116.	0.4	6
18	Beyond mice: Emerging and transdisciplinary models for the study of early-onset myopathies. Seminars in Cell and Developmental Biology, 2017, 64, 171-180.	2.3	10

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19	Distinct subsets of Eve pericardial cells stabilise cardiac outflow and contribute to Hox-triggered heart morphogenesis in Drosophila. Development (Cambridge), 2017, 145, .	1.2	5
20	Zebrafish: A Model for the Study of Toxicants Affecting Muscle Development and Function. International Journal of Molecular Sciences, 2016, 17, 1941.	1.8	49
21	Drosophila in the Heart of Understanding Cardiac Diseases: Modeling Channelopathies and Cardiomyopathies in the Fruitfly. Journal of Cardiovascular Development and Disease, 2016, 3, 7.	0.8	16
22	Coordinated Development of Muscles and Tendon-Like Structures: Early Interactions in the Drosophila Leg. Frontiers in Physiology, 2016, 7, 22.	1.3	20
23	TRAP-rc, Translating Ribosome Affinity Purification from Rare Cell Populations of Drosophila Embryos. Journal of Visualized Experiments, 2015, , .	0.2	14
24	<i>Drosophila</i> small heat shock protein CryAB ensures structural integrity of developing muscles, and proper muscle and heart performance. Development (Cambridge), 2015, 142, 994-1005.	1.2	47
25	Model Organisms in the Fight against Muscular Dystrophy: Lessons from Drosophila and Zebrafish. Molecules, 2015, 20, 6237-6253.	1.7	44
26	Muscle niche-driven Insulin-Notch-Myc cascade reactivates dormant Adult Muscle Precursors in Drosophila. ELife, 2015, 4, .	2.8	33
27	Mechanical and non-mechanical functions of Dystrophin can prevent cardiac abnormalities in Drosophila. Experimental Gerontology, 2014, 49, 26-34.	1.2	11
28	Tailup plays multiple roles during cardiac outflow assembly in Drosophila. Cell and Tissue Research, 2013, 354, 639-645.	1.5	6
29	Novel Drosophila model of myotonic dystrophy type 1: phenotypic characterization and genome-wide view of altered gene expression. Human Molecular Genetics, 2013, 22, 2795-2810.	1.4	30
30	Glycolysis supports embryonic muscle growth by promoting myoblast fusion. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18982-18987.	3.3	70
31	Diversification of Muscle Types in Drosophila. Current Topics in Developmental Biology, 2012, 98, 277-301.	1.0	48
32	ChIP-Enriched in Silico Targets (ChEST), a ChIP-on-Chip Approach Applied to Analyzing Skeletal Muscle Genes. Methods in Molecular Biology, 2012, 798, 543-553.	0.4	0
33	Specification and behavior of AMPs, muscle-committed transient Drosophila stem cells. Fly, 2011, 5, 7-9.	0.9	5
34	Muscle Development and Regeneration in Normal and Pathological Conditions: Learning from Drosophila. Current Pharmaceutical Design, 2010, 16, 929-941.	0.9	12
35	Diversification of muscle types: Recent insights from Drosophila. Experimental Cell Research, 2010, 316, 3019-3027.	1.2	49
36	Regulation and Functions of the lms Homeobox Gene during Development of Embryonic Lateral Transverse Muscles and Direct Flight Muscles in Drosophila. PLoS ONE, 2010, 5, e14323.	1.1	21

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37	Drosophila adult muscle precursors form a network of interconnected cells and are specified by the rhomboid-triggered EGF pathway. Development (Cambridge), 2010, 137, 1965-1973.	1.2	44
38	Downstream of Identity Genes: Muscle-Type-Specific Regulation of the Fusion Process. Developmental Cell, 2010, 19, 317-328.	3.1	48
39	Neprilysin 4, a novel endopeptidase from<i>Drosophila melanogaster</i>, displays distinct substrate specificities and exceptional solubility states. Journal of Experimental Biology, 2009, 212, 3673-3683.	0.8	26
40	Cellular components and signals required for the cardiac outflow tract assembly in <i>Drosophila</i>. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2475-2480.	3.3	16
41	Genetic control of cell morphogenesis during <i>Drosophila melanogaster</i> cardiac tube formation. Journal of Cell Biology, 2008, 182, 249-261.	2.3	101
42	Genome-wide view of cell fate specification: <i>ladybird</i> acts at multiple levels during diversification of muscle and heart precursors. Genes and Development, 2007, 21, 3163-3180.	2.7	43
43	Muscle stem cells and model systems for their investigation. Developmental Dynamics, 2007, 236, 3332-3342.	0.8	52
44	Genetic control of muscle development: learning from Drosophila. Journal of Muscle Research and Cell Motility, 2007, 28, 397-407.	0.9	29
45	Hedgehog and RAS pathways cooperate in the anteriorâ€“posterior specification and positioning of cardiac progenitor cells. Developmental Biology, 2006, 290, 373-385.	0.9	30
46	Shaping Leg Muscles in Drosophila: Role of ladybird, a Conserved Regulator of Appendicular Myogenesis. PLoS ONE, 2006, 1, e122.	1.1	54
47	Mapping Dmef2-binding regulatory modules by using a ChIP-enriched in silico targets approach. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18479-18484.	3.3	33
48	Coordinated development of muscles and tendons of the Drosophilaleg. Development (Cambridge), 2004, 131, 6041-6051.	1.2	92
49	The ladybird homeobox genes are essential for the specification of a subpopulation of neural cells. Developmental Biology, 2004, 270, 122-134.	0.9	61
50	Modifiers of muscle and heart cell fate specification identified by gain-of-function screen in Drosophila. Mechanisms of Development, 2003, 120, 991-1007.	1.7	29
51	Patterning of the cardiac outflow region in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12189-12194.	3.3	32
52	Cross-repressive interactions of identity genes are essential for proper specification of cardiac and muscular fates in<i>Drosophila</i>. Development (Cambridge), 2002, 129, 1037-1047.	1.2	49
53	Cross-repressive interactions of identity genes are essential for proper specification of cardiac and muscular fates in Drosophila. Development (Cambridge), 2002, 129, 1037-47.	1.2	24
54	A cluster of Drosophila homeobox genes involved in mesoderm differentiation programs. BioEssays, 2001, 23, 125-133.	1.2	79

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55	Evolutionary origins of vertebrate appendicular muscle. Nature, 2000, 408, 82-86.	13.7	164
56	Two Novel Drosophila TAF II s Have Homology with Human TAF II 30 and Are Differentially Regulated during Development. Molecular and Cellular Biology, 2000, 20, 1639-1648.	1.1	63
57	MÃ©canismes de la cardiogenÃ¨se et spÃ©cification des lignages cardiaques : de la drosophile aux vertÃ©brÃ©s.. Medecine/Sciences, 1998, 14, 1067.	0.0	0
58	Mouse Lbx1 and human LBX1 define a novel mammalian homeoâ˘•gene family related to the Drosophila lady bird genes. Mechanisms of Development, 1995, 53, 345-356.	1.7	147
59	A distinct class of homeodomain proteins is encoded by two sequentially expressedDrosophilagenes from the 93D/E cluster. Nucleic Acids Research, 1994, 22, 1202-1207.	6.5	46
60	GEBF-I Activates the Drosophila Sgs3 Gene Enhancer by Altering a Positioned Nucleosomal Core Particle. Journal of Molecular Biology, 1993, 234, 319-330.	2.0	17
61	A novel homeobox nkch4 gene from the Drosophila 93E region. Gene, 1993, 127, 165-171.	1.0	14
62	GEBF-I in Drosophila species and hybrids: The co-evolution of an enhancer and its cognate factor. Molecular Genetics and Genomics, 1992, 235, 104-112.	2.4	2
63	Immunological characterization of mononuclear cells in peripheral blood and regional lymph nodes of breast cancer patients. Cancer, 1979, 43, 1308-1313.	2.0	12
64	Immunological characterization of mononuclear cells and morphological findings in patients with mammary carcinoma. Journal of Cancer Research and Clinical Oncology, 1979, 95, 65-74.	1.2	9