John W Lough

List of Publications by Year
in descending order

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38	1,101	567281 15	526287 27
papers	citations	h-index	g-index

40	40	40	1042
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endoderm and heart development. Developmental Dynamics, 2000, 217, 327-342.	1.8	212
2	Requirement for BMP and FGF signaling during cardiogenic induction in non-precardiac mesoderm is specific, transient, and cooperative. Developmental Dynamics, 2000, 218, 383-393.	1.8	146
3	Anterior endoderm is a specific effector of terminal cardiac myocyte differentiation of cells from the embryonic heart forming region. Developmental Dynamics, 1994, 200, 155-162.	1.8	131
4	Dynamic Interactions between TIP60 and p300 Regulate FOXP3 Function through a Structural Switch Defined by a Single Lysine on TIP60. Cell Reports, 2014, 7, 1471-1480.	6.4	89
5	Evidence that fibroblast growth factors 1 and 4 participate in regulation of cardiogenesis. , 1996, 207, 429-438.		66
6	Onset of expression and regional deposition of alpha-smooth and sarcomeric actin during avian heart development. Developmental Dynamics, 1992, 193, 116-124.	1.8	56
7	Developmental expression of fibroblast growth factor receptor-1 (cek-1; flg) during heart development. Developmental Dynamics, 1995, 202, 115-125.	1.8	52
8	Lysine acetyltransferase Tip60 is required for hematopoietic stem cell maintenance. Blood, 2020, 136, 1735-1747.	1.4	33
9	Characterization and expression of the mouse tat interactive protein 60 kD (TIP60) gene. Gene, 2002, 289, 169-176.	2.2	32
10	Contractility of Induced Pluripotent Stem Cell-Cardiomyocytes With an MYH6 Head Domain Variant Associated With Hypoplastic Left Heart Syndrome. Frontiers in Cell and Developmental Biology, 2020, 8, 440.	3.7	30
11	Activin-A and Bmp4 Levels Modulate Cell Type Specification during CHIR-Induced Cardiomyogenesis. PLoS ONE, 2015, 10, e0118670.	2.5	29
12	Expression of retinol binding protein and transthyretin during early embryogenesis. Developmental Dynamics, 1998, 212, 413-422.	1.8	24
13	Measuring cardiomyocyte cell-cycle activity and proliferation in the age of heart regeneration. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H579-H596.	3.2	21
14	Transient expression of TIP60 protein during early chick heart development. Developmental Dynamics, 2002, 223, 419-425.	1.8	19
15	Interferon-mediated inhibition of differentiation in a murine myoblast cell line. Journal of Cellular Physiology, 1986, 126, 211-215.	4.1	18
16	Stress-Induced Cell-Cycle Activation in Tip60 Haploinsufficient Adult Cardiomyocytes. PLoS ONE, 2012, 7, e31569.	2.5	18
17	Depletion of Tip60 from In Vivo Cardiomyocytes Increases Myocyte Density, Followed by Cardiac Dysfunction, Myocyte Fallout and Lethality. PLoS ONE, 2016, 11, e0164855.	2.5	18
18	Myh6-driven Cre-recombinase activates the DNA damage response and the cell-cycle in the myocardium in the absence of loxP sites. DMM Disease Models and Mechanisms, 2020, 13, .	2.4	13

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19	Arabinosylcytosine-induced accumulation of DNA nicks in myotube nuclei detected by in situ nick translation. Journal of Cellular Physiology, 1990, 144, 12-17.	4.1	12
20	Expression of alternatively spliced and canonical basic fibroblast growth factor mRNAs in the early embryo and developing heart. , 1996, 206, 139-145.		12
21	FGF-2-induced imbalance in early embryonic heart cell proliferation: A potential cause of late cardiovascular anomalies. Teratology, 2000, 62, 189-194.	1.6	12
22	Histones synthesized at different stages of myogenesis are differentially degraded in myotube cells. Journal of Cellular Physiology, 1989, 141, 97-102.	4.1	11
23	Conditional depletion of the acetyltransferase Tip60 protects against the damaging effects of myocardial infarction. Journal of Molecular and Cellular Cardiology, 2022, 163, 9-19.	1.9	10
24	Evidence that the acetyltransferase Tip60 induces the DNA damage response and cell-cycle arrest in neonatal cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2021, 155, 88-98.	1.9	8
25	Significance of Î±-Myosin Heavy Chain (MYH6) Variants in Hypoplastic Left Heart Syndrome and Related Cardiovascular Diseases. Journal of Cardiovascular Development and Disease, 2022, 9, 144.	1.6	8
26	Insulin-like growth factor-II/mannose-6-phosphate receptor expression during early heart development. , 1996, 207, 195-203.		7
27	Teratogenic effects of implanting fibroblast growth factor-2-soaked beads in the cardiac region of the stage 24 chick embryo. , 1998, 57, 140-145.		4
28	A Systematic Review of Ebsteinâ€™s Anomaly with Left Ventricular Noncompaction. Journal of Cardiovascular Development and Disease, 2022, 9, 115.	1.6	4
29	Allele Compensation in Tip60+/â^' Mice Rescues White Adipose Tissue Function In Vivo. PLoS ONE, 2014, 9, e98343.	2.5	3
30	Differential expression ofcSmad1 andcSmad5 in the primitive streak during chick embryo gastrulation. The Anatomical Record, 2000, 260, 102-105.	1.8	2
31	CRISPR/Cas9â€mediated Genome Editing in Patientâ€Derived iPSCâ€Cardiomyocytes Recapitulates an MYH6 â€R443P Phenotype in a HLHS Family. FASEB Journal, 2019, 33, 701.15.	0.5	1
32	What's hot in anatomy: Hematopoietic progenitor cells and myocardial repair. The Anatomical Record, 2003, 274B, 147-147.	1.8	0
33	Making embryonic stem cells infarctâ€avid. FASEB Journal, 2008, 22, 33-33.	0.5	0
34	hESCâ€Derived Definitive Endoderm Induces Cardiomyogenesis in Human Embryonic Stem Cells.. FASEB Journal, 2010, 24, 175.2.	0.5	0
35	The Lysine Acetyltransferase Tip60 Is Required for Hematopoietic Stem Cell Maintenance. Blood, 2018, 132, 2554-2554.	1.4	0
36	Evidence that Tip60 Induces the DDR & Cardiomyocyte Replicative Senescence in the Neonatal Heart. FASEB Journal, 2019, 33, 331.2.	0.5	0

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37	A Novel MYH6 E1503V Variant in a Family with a History of Heart Disease, including Hypoplastic Left Heart Syndrome. FASEB Journal, 2019, 33, 831.3.	0.5	0
38	Decreased Contraction Rate, Altered Calcium Transients, and Increased Proliferation seen in Patientâ€specific iPSCâ€CMs Modeling Ebsteinâ€™s Anomaly and Left Ventricular Noncompaction. FASEB Journal, 2022, 36, .	0.5	0