

Andrew B Lassar

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

8,398
citations

218677

26
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

7408
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of a single transfected cDNA converts fibroblasts to myoblasts. <i>Cell</i> , 1987, 51, 987-1000.	28.9	3,247
2	Functional activity of myogenic HLH proteins requires hetero-oligomerization with E12/E47-like proteins in vivo. <i>Cell</i> , 1991, 66, 305-315.	28.9	850
3	Expression of two myogenic regulatory factors myogenin and MyoD1 during mouse embryogenesis. <i>Nature</i> , 1989, 341, 303-307.	27.8	647
4	Positive autoregulation of the myogenic determination gene MyoD1. <i>Cell</i> , 1989, 58, 241-248.	28.9	474
5	A pathway to bone: signaling molecules and transcription factors involved in chondrocyte development and maturation. <i>Development (Cambridge)</i> , 2015, 142, 817-831.	2.5	414
6	Ectopic Pax-3 Activates MyoD and Myf-5 Expression in Embryonic Mesoderm and Neural Tissue. <i>Cell</i> , 1997, 89, 139-148.	28.9	405
7	Transfection of a DNA locus that mediates the conversion of 10T12 fibroblasts to myoblasts. <i>Cell</i> , 1986, 47, 649-656.	28.9	369
8	Shh establishes an Nkx3.2/Sox9 autoregulatory loop that is maintained by BMP signals to induce somitic chondrogenesis. <i>Genes and Development</i> , 2002, 16, 1990-2005.	5.9	194
9	Identification of a <i>Prg4</i> -Expressing Articular Cartilage Progenitor Cell Population in Mice. <i>Arthritis and Rheumatology</i> , 2015, 67, 1261-1273.	5.6	185
10	Erythropoietin and retinoic acid, secreted from the epicardium, are required for cardiac myocyte proliferation. <i>Developmental Biology</i> , 2003, 255, 334-349.	2.0	183
11	The Chick Transcriptional Repressor Nkx3.2 Acts Downstream of Shh to Promote BMP-Dependent Axial Chondrogenesis. <i>Developmental Cell</i> , 2001, 1, 411-422.	7.0	133
12	Nkx3.2/Bapx1 acts as a negative regulator of chondrocyte maturation. <i>Development (Cambridge)</i> , 2006, 133, 651-662.	2.5	125
13	The origin of skeletal muscle stem cells in the embryo and the adult. <i>Current Opinion in Cell Biology</i> , 2001, 13, 679-689.	5.4	122
14	Mechanical motion promotes expression of Prg4 in articular cartilage via multiple CREB-dependent, fluid flow shear stress-induced signaling pathways. <i>Genes and Development</i> , 2014, 28, 127-139.	5.9	116
15	The Transcriptional Activity of Sox9 in Chondrocytes Is Regulated by RhoA Signaling and Actin Polymerization. <i>Molecular and Cellular Biology</i> , 2009, 29, 4262-4273.	2.3	115
16	Smad-Dependent Recruitment of a Histone Deacetylase/Sin3A Complex Modulates the Bone Morphogenetic Protein-Dependent Transcriptional Repressor Activity of Nkx3.2. <i>Molecular and Cellular Biology</i> , 2003, 23, 8704-8717.	2.3	98
17	Superficial cells are self-renewing chondrocyte progenitors, which form the articular cartilage in juvenile mice. <i>FASEB Journal</i> , 2017, 31, 1067-1084.	0.5	92
18	Id3 Is a Direct Transcriptional Target of Pax7 in Quiescent Satellite Cells. <i>Molecular Biology of the Cell</i> , 2009, 20, 3170-3177.	2.1	91

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19	SMAD-mediated modulation of YY1 activity regulates the BMP response and cardiac-specific expression of a GATA4/5/6-dependent chick Nkx2.5 enhancer. <i>Development (Cambridge)</i> , 2004, 131, 4709-4723.	2.5	74
20	FoxA Family Members Are Crucial Regulators of the Hypertrophic Chondrocyte Differentiation Program. <i>Developmental Cell</i> , 2012, 22, 927-939.	7.0	70
21	Fibroblast Growth Factor Maintains Chondrogenic Potential of Limb Bud Mesenchymal Cells by Modulating DNMT3A Recruitment. <i>Cell Reports</i> , 2014, 8, 1419-1431.	6.4	51
22	GATA6 Is a Crucial Regulator of Shh in the Limb Bud. <i>PLoS Genetics</i> , 2014, 10, e1004072.	3.5	48
23	A gradient of Shh establishes mutually repressing somitic cell fates induced by Nkx3.2 and Pax3. <i>Developmental Biology</i> , 2008, 323, 152-165.	2.0	47
24	Asymmetric localization of numb in the chick somite and the influence of myogenic signals. <i>Developmental Dynamics</i> , 2006, 235, 633-645.	1.8	36
25	Characterization of Nkx3.2 DNA Binding Specificity and Its Requirement for Somitic Chondrogenesis. <i>Journal of Biological Chemistry</i> , 2003, 278, 27532-27539.	3.4	35
26	PTHrP targets HDAC4 and HDAC5 to repress chondrocyte hypertrophy. <i>JCI Insight</i> , 2019, 4, .	5.0	33
27	Creb5 establishes the competence for Prg4 expression in articular cartilage. <i>Communications Biology</i> , 2021, 4, 332.	4.4	30
28	Prochondrogenic signals induce a competence for Runx2 to activate hypertrophic chondrocyte gene expression. <i>Developmental Dynamics</i> , 2007, 236, 1954-1962.	1.8	25
29	The p38 MAPK family, a pushmi-pullyu of skeletal muscle differentiation. <i>Journal of Cell Biology</i> , 2009, 187, 941-943.	5.2	24
30	BMP-mediated induction of GATA4/5/6 blocks somitic responsiveness to SHH. <i>Development (Cambridge)</i> , 2014, 141, 3978-3987.	2.5	21
31	Finding MyoD and lessons learned along the way. <i>Seminars in Cell and Developmental Biology</i> , 2017, 72, 3-9.	5.0	18
32	Promotion of avian endothelial cell differentiation by GATA transcription factors. <i>Developmental Biology</i> , 2011, 353, 29-37.	2.0	13
33	Overexpression of transcription factor FoxA2 in the developing skeleton causes an enlargement of the cartilage hypertrophic zone, but it does not trigger ectopic differentiation in immature chondrocytes. <i>Bone</i> , 2022, 160, 116418.	2.9	6
34	Finding MyoD with a little help from my friends. <i>Nature Cell Biology</i> , 2012, 14, 116-116.	10.3	2