Deneen M Wellik

List of Publications by Year
in descending order

40	2,548	304743	289244
papers	citations	22 h-index	40 g-index

44	44	44	3201
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hox10 and Hox11 Genes Are Required to Globally Pattern the Mammalian Skeleton. Science, 2003, 301, 363-367.	12.6	511
2	Hox genes and regional patterning of the vertebrate body plan. Developmental Biology, 2010, 344, 7-15.	2.0	462
3	Hox patterning of the vertebrate axial skeleton. Developmental Dynamics, 2007, 236, 2454-2463.	1.8	282
4	Chapter 9 Hox Genes and Vertebrate Axial Pattern. Current Topics in Developmental Biology, 2009, 88, 257-278.	2.2	175
5	Axial Hox9 activity establishes the posterior field in the developing forelimb. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4888-4891.	7.1	93
6	Hox genes in the adult skeleton: Novel functions beyond embryonic development. Developmental Dynamics, 2017, 246, 310-317.	1.8	76
7	Hox11 genes are required for regional patterning and integration of muscle, tendon and bone. Development (Cambridge), 2013, 140, 4574-4582.	2.5	75
8	Regionally Restricted Hox Function in Adult Bone Marrow Multipotent Mesenchymal Stem/Stromal Cells. Developmental Cell, 2016, 39, 653-666.	7.0	71
9	Hox11 expressing regional skeletal stem cells are progenitors for osteoblasts, chondrocytes and adipocytes throughout life. Nature Communications, 2019, 10, 3168.	12.8	70
10	Evolution of Hoxa11 regulation in vertebrates is linked to the pentadactyl state. Nature, 2016, 539, 89-92.	27.8	67
11	Differential Contribution of Pancreatic Fibroblast Subsets to the Pancreatic Cancer Stroma. Cellular and Molecular Gastroenterology and Hepatology, 2020, 10, 581-599.	4.5	62
12	Hox Genes and Limb Musculoskeletal Development. Current Osteoporosis Reports, 2014, 12, 420-427.	3.6	53
13	Partial functional redundancy between Hoxa5 and Hoxb5 paralog genes during lung morphogenesis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L817-L830.	2.9	52
14	Hox5 Genes Regulate the Wnt2/2b-Bmp4-Signaling Axis during Lung Development. Cell Reports, 2015, 12, 903-912.	6.4	51
15	Mesenchymal Hox6 function is required for pancreatic endocrine cell differentiation. Development (Cambridge), 2015, 142, 3859-68.	2.5	39
16	Hox genes and kidney development. Pediatric Nephrology, 2011, 26, 1559-1565.	1.7	36
17	Hox genes and evolution. F1000Research, 2016, 5, 859.	1.6	35
18	Hox genes maintain critical roles in the adult skeleton. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7296-7304.	7.1	34

#	Article	IF	Citations
19	Non-homeodomain regions of Hox proteins mediate activation versus repression of Six2 via a single enhancer site in vivo. Developmental Biology, 2009, 335, 156-165.	2.0	29
20	Hox11 genes establish synovial joint organization and phylogenetic characteristics in developing mouse zeugopod skeletal elements. Development (Cambridge), 2010, 137, 3795-3800.	2.5	28
21	Hox11 Function Is Required for Region-Specific Fracture Repair. Journal of Bone and Mineral Research, 2017, 32, 1750-1760.	2.8	28
22	Bone morphology is regulated modularly by global and regional genetic programs. Development (Cambridge), 2019, 146, .	2.5	27
23	Generation and expression of a Hoxa11eGFP targeted allele in mice. Developmental Dynamics, 2008, 237, 3410-3416.	1.8	24
24	Novel Lineage-Tracing System to Identify Site-Specific Ectopic Bone Precursor Cells. Stem Cell Reports, 2021, 16, 626-640.	4.8	20
25	Fresh Versus Frozen Engineered Boneâ€“Ligamentâ€“Bone Grafts for Sheep Anterior Cruciate Ligament Repair. Tissue Engineering - Part C: Methods, 2015, 21, 548-556.	2.1	18
26	Ovarian Cells Have Increased Proliferation in Response to Heparin-Binding Epidermal Growth Factor as Collagen Density Increases. Tissue Engineering - Part A, 2020, 26, 747-758.	3.1	18
27	Hox11genes regulate postnatal longitudinal bone growth and growth plate proliferation. Biology Open, 2015, 4, 1538-1548.	1.2	17
28	Hox5 genes direct elastin network formation during alveologenesis by regulating myofibroblast adhesion. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10605-E10614.	7.1	16
29	Hox5 Paralogous Genes Modulate Th2 Cell Function during Chronic Allergic Inflammation via Regulation of Gata3. Journal of Immunology, 2017, 199, 501-509.	0.8	14
30	Squamous cell carcinoma subverts adjacent histologically normal epithelium to promote lateral invasion. Journal of Experimental Medicine, 2021, 218, .	8.5	12
31	EWS::FLI1 and HOXD13 Control Tumor Cell Plasticity in Ewing Sarcoma. Clinical Cancer Research, 2022, 28, 4466-4478.	7.0	11
32	Fresh and Frozen Tissue-Engineered Three-Dimensional Boneâ€“Ligamentâ€“Bone Constructs for Sheep Anterior Cruciate Ligament Repair Following a 2-Year Implantation. BioResearch Open Access, 2016, 5, 289-298.	2.6	10
33	John F. Fallon, PhD: Fifty years of excellence in limb research and counting. Developmental Dynamics, 2011, 240, 909-914.	1.8	6
34	Anatomic Origin of Osteochondrogenic Progenitors Impacts Sensitivity to EWS-FLI1-Induced Transformation. Cancers, 2019, 11, 313.	3.7	6
35	Loss of Hox5 function results in myofibroblast mislocalization and distal lung matrix defects during postnatal development. Science China Life Sciences, 2018, 61, 1030-1038.	4.9	4
36	Two CRISPR/Cas9-mediated methods for targeting complex insertions, deletions, or replacements in mouse. MethodsX, 2019, 6, 2088-2100.	1.6	4

#	Article	IF	Citations
37	Development, repair, and regeneration of the limb musculoskeletal system. Current Topics in Developmental Biology, 2019, 132, 451-486.	2.2	4
38	Hox6 genes modulate in vitro differentiation of mESCs to insulin-producing cells. In Vitro Cellular and Developmental Biology - Animal, 2016, 52, 974-982.	1.5	3
39	The Lung Elastin Matrix Undergoes Rapid Degradation Upon Adult Loss of Hox5 Function. Frontiers in Cell and Developmental Biology, 2021, 9, 767454.	3.7	3
40	Forward to the special issue on Hox/Tale transcription factors in development and disease. Developmental Dynamics, 2014, 243, 1-3.	1.8	1