Anthony L Mescher

List of Publications by Year
in descending order

33	2,108	218677	434195
papers	citations	26 h-index	31 g-index

37	37	37	1523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regeneration or scarring: An immunologic perspective. Developmental Dynamics, 2003, 226, 268-279.	1.8	243
2	Effects on adult newt limb regeneration of partial and complete skin flaps over the amputation surface. The Journal of Experimental Zoology, 1976, 195, 117-127.	1.4	193
3	Macrophages and fibroblasts during inflammation and tissue repair in models of organ regeneration. Regeneration (Oxford, England), 2017, 4, 39-53.	6.3	150
4	Regenerative Capacity and the Developing Immune System. Advances in Biochemical Engineering/Biotechnology, 2005, 93, 39-66.	1.1	128
5	Inflammation and immunity in organ regeneration. Developmental and Comparative Immunology, 2017, 66, 98-110.	2.3	122
6	Denervation effects on DNA replication and mitosis during the initiation of limb regeneration in adult newts. Developmental Biology, 1975, 44, 187-197.	2.0	120
7	A comparison of the responses of cultured myoblasts and chondrocytes to fibroblast and epidermal growth factors. Journal of Cellular Physiology, 1977, 93, 117-127.	4.1	94
8	Changes in the Inflammatory Response to Injury and Its Resolution during the Loss of Regenerative Capacity in Developing Xenopus Limbs. PLoS ONE, 2013, 8, e80477.	2.5	84
9	The Developing Xenopus Limb as a Model for Studies on the Balance between Inflammation and Regeneration. Anatomical Record, 2012, 295, 1552-1561.	1.4	75
10	Transferrin is necessary and sufficient for the neural effect on growth in amphibian limb regeneration blastemas. Development Growth and Differentiation, 1997, 39, 677-684.	1.5	68
11	FIBROBLAST GROWTH FACTOR AND THE CONTROL OF VERTEBRATE REGENERATION AND REPAIR. Annals of the New York Academy of Sciences, 1980, 339, 151-174.	3.8	63
12	Limb Regeneration in Amphibians: Immunological Considerations. Scientific World Journal, The, 2006, 6, 1-11.	2.1	62
13	Beta-caryophyllene enhances wound healing through multiple routes. PLoS ONE, 2019, 14, e0216104.	2.5	60
14	Changes in the extracellular matrix and glycosaminoglycan synthesis during the initiation of regeneration in adult newt forelimbs. The Anatomical Record, 1986, 214, 424-431.	1.8	58
15	Axonal transport and release of transferrin in nerves of regenerating amphibian limbs. Developmental Biology, 1991, 147, 392-402.	2.0	55
16	Global analysis of gene expression in Xenopus hindlimbs during stage-dependent complete and incomplete regeneration. Developmental Dynamics, 2006, 235, 2667-2685.	1.8	55
17	Dedifferentiation and the role of sall4 in reprogramming and patterning during amphibian limb regeneration. Developmental Dynamics, 2011, 240, 979-989.	1.8	47
18	Cells of cutaneous immunity in Xenopus: Studies during larval development and limb regeneration. Developmental and Comparative Immunology, 2007, 31, 383-393.	2.3	45

#	Article	IF	Citations
19	Identification of genes expressed duringXenopus laevis limb regeneration by using subtractive hybridization. Developmental Dynamics, 2003, 226, 398-409.	1.8	44
20	Apoptosis in regenerating and denervated, nonregenerating urodele forelimbs. Wound Repair and Regeneration, 2000, 8, 110-116.	3.0	43
21	â€œTrophicâ€•effect of transferrin on amphibian limb regeneration blastemas. The Journal of Experimental Zoology, 1984, 230, 485-490.	1.4	41
22	Proteomics analysis of regenerating amphibian limbs: changes during the onset of regeneration. International Journal of Developmental Biology, 2009, 53, 955-969.	0.6	41
23	Transferrin and the Growth-Promoting Effect of Nerves. International Review of Cytology, 1988, 110, 1-26.	6.2	38
24	Transferrin and the trophic effect of neural tissue on amphibian limb regeneration blastemas. Developmental Biology, 1986, 116, 138-142.	2.0	37
25	Expression ofXenopus XlSALL4 during limb development and regeneration. Developmental Dynamics, 2005, 233, 356-367.	1.8	35
26	Vasculature in pre-blastema and nerve-dependent blastema stages of regenerating forelimbs of the adult newt,Notophthalmus viridescens. The Journal of Experimental Zoology, 2002, 292, 255-266.	1.4	32
27	Hyaluronate accumulation and nerve-dependent growth during regeneration of larval Ambystoma limbs. Differentiation, 1988, 38, 161-168.	1.9	25
28	Mitotic activity and nucleic acid precursor incorporation in denervated and innervated limb stumps of axolotl larvae. The Journal of Experimental Zoology, 1976, 195, 253-262.	1.4	20
29	Increased content of inositol phosphates in amputated limbs of axolotl larvae, and the effect of beryllium. The Journal of Experimental Zoology, 1991, 259, 252-258.	1.4	14
30	Injury to nerves and the initiation of amphibian limb regeneration. American Journal of Anatomy, 1984, 169, 273-284.	1.0	8
31	Neural Influence on the Extracellular Matrix During Blastema Formation. , 1989, , 205-215.		3
32	Studies of Limb Regeneration in Larval Xenopus. Cold Spring Harbor Protocols, 2019, 2019, pdb.prot100990.	0.3	1
33	Limb Regeneration in Amphibians. , 2017, , .		0