Jessica L Whited

List of Publications by Year
in descending order

30 papers	1,701 citations	17 h-index (471509)	25 g-index (580821)
33 all docs	33 docs citations	33 times ranked	2597 citing authors

#	Article	IF	Citations
1	A Tissue-Mapped Axolotl De Novo Transcriptome Enables Identification of Limb Regeneration Factors. Cell Reports, 2017, 18, 762-776.	6.4	752
2	Transcriptomic landscape of the blastema niche in regenerating adult axolotl limbs at single-cell resolution. Nature Communications, 2018, 9, 5153.	12.8	133
3	Discovery of several thousand highly diverse circular DNA viruses. ELife, 2020, 9, .	6.0	131
4	Neuregulin-1 signaling is essential for nerve-dependent axolotl limb regeneration. Development (Cambridge), 2016, 143, 2724-31.	2.5	83
5	Advances in Decoding Axolotl Limb Regeneration. Trends in Genetics, 2017, 33, 553-565.	6.7	74
6	Complement Receptor C5aR1 Plays an Evolutionarily Conserved Role in Successful Cardiac Regeneration. Circulation, 2018, 137, 2152-2165.	1.6	67
7	Pseudotyped retroviruses for infecting axolotl <i>in vivo</i> and <i>in vitro</i>. Development (Cambridge), 2013, 140, 1137-1146.	2.5	48
8	Systemic cell cycle activation is induced following complex tissue injury in axolotl. Developmental Biology, 2018, 433, 461-472.	2.0	47
9	Identification of regenerative roadblocks via repeat deployment of limb regeneration in axolotls. Npj Regenerative Medicine, 2017, 2, 30.	5.2	42
10	Inducible genetic system for the axolotl. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13662-13667.	7.1	41
11	Bioelectrical controls of morphogenesis: from ancient mechanisms of cell coordination to biomedical opportunities. Current Opinion in Genetics and Development, 2019, 57, 61-69.	3.3	38
12	Repeated removal of developing limb buds permanently reduces appendage size in the highly-regenerative axolotl. Developmental Biology, 2017, 424, 1-9.	2.0	31
13	Dynamic expression of two thrombospondins during axolotl limb regeneration. Developmental Dynamics, 2011, 240, 1249-1258.	1.8	26
14	Limb regeneration revisited. Journal of Biology, 2009, 8, 5.	2.7	25
15	von Willebrand factor D and EGF domains is an evolutionarily conserved and required feature of blastemas capable of multitissue appendage regeneration. Evolution & Development, 2020, 22, 297-311.	2.0	25
16	Eya2 promotes cell cycle progression by regulating DNA damage response during vertebrate limb regeneration. ELife, 2020, 9, .	6.0	23
17	Parallels between wound healing, epimorphic regeneration and solid tumors. Development (Cambridge), 2020, 147, .	2.5	22
18	Treatment with Human Amniotic Suspension Allograft Improves Tendon Healing in a Rat Model of Collagenase-Induced Tendinopathy. Cells, 2019, 8, 1411.	4.1	17

#	Article	IF	Citations
19	Finding Solutions for Fibrosis: Understanding the Innate Mechanisms Used by Superâ€Regenerator Vertebrates to Combat Scarring. Advanced Science, 2021, 8, e2100407.	11.2	17
20	Regeneration review reprise. Journal of Biology, 2010, 9, 15.	2.7	13
21	Common themes in tetrapod appendage regeneration: a cellular perspective. EvoDevo, 2019, 10, 11.	3.2	13
22	A cross-species analysis of systemic mediators of repair and complex tissue regeneration. Npj Regenerative Medicine, 2021, 6, 21.	5.2	11
23	Single cell biologyâ€"a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 74-97.	3.8	3
24	Development: How Tadpoles ROC Tail Regeneration. Current Biology, 2019, 29, R756-R758.	3.9	2
25	Discussing limb development and regeneration in Barcelona: The future is at hand. Developmental Dynamics, 2020, 249, 160-163.	1.8	1
26	Salamander models for elucidating mechanisms of developmental biology, evolution, and regeneration: Part one. Developmental Dynamics, 2021, 250, 750-752.	1.8	1
27	Cover Image: Volume 22, Issue 4. Evolution & Development, 2020, 22, i.	2.0	0
28	Engineered myosins drive filopodial transport. Nature Cell Biology, 2021, 23, 113-115.	10.3	0
29	Systemic Cell Cycle Reâ€entry Following Amputation in Axolotl: Consequence and Mechanism. FASEB Journal, 2022, 36, .	0.5	0
30	Salamander models for elucidating mechanisms of developmental biology, evolution, and regeneration: Part two. Developmental Dynamics, 2022, 251, 903-905.	1.8	0