

Jennifer Simkin

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,108
citations

471509

17
h-index

580821

25
g-index

37
all docs

37
docs citations

37
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Wound healing and blastema formation in regenerating digit tips of adult mice. <i>Developmental Biology</i> , 2011, 350, 301-310.	2.0	154
2	Macrophages are necessary for epimorphic regeneration in African spiny mice. <i>ELife</i> , 2017, 6, .	6.0	147
3	Comparative analysis of ear-hole closure identifies epimorphic regeneration as a discrete trait in mammals. <i>Nature Communications</i> , 2016, 7, 11164.	12.8	124
4	Macrophages are required to coordinate mouse digit tip regeneration. <i>Development (Cambridge)</i> , 2017, 144, 3907-3916.	2.5	85
5	The mammalian blastema: regeneration at our fingertips. <i>Regeneration (Oxford, England)</i> , 2015, 2, 93-105.	6.3	63
6	Positional information in axolotl and mouse limb extracellular matrix is mediated via heparan sulfate and fibroblast growth factor during limb regeneration in the axolotl (<i>Ambystoma mexicanum</i>). <i>Regeneration (Oxford, England)</i> , 2015, 2, 182-201.	6.3	59
7	Connective Tissue Fibroblast Properties Are Position-Dependent during Mouse Digit Tip Regeneration. <i>PLoS ONE</i> , 2013, 8, e54764.	2.5	51
8	The Mouse Digit Tip: From Wound Healing to Regeneration. <i>Methods in Molecular Biology</i> , 2013, 1037, 419-435.	0.9	49
9	Epidermal closure regulates histolysis during mammalian (<i>Mus</i>) digit regeneration. <i>Regeneration (Oxford, England)</i> , 2015, 2, 106-119.	6.3	46
10	Endogenous Bone Regeneration Is Dependent Upon a Dynamic Oxygen Event. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2336-2345.	2.8	39
11	Angiogenesis is inhibitory for mammalian digit regeneration. <i>Regeneration (Oxford, England)</i> , 2014, 1, 33-46.	6.3	39
12	Hyperbaric Oxygen Promotes Proximal Bone Regeneration and Organized Collagen Composition during Digit Regeneration. <i>PLoS ONE</i> , 2015, 10, e0140156.	2.5	38
13	Analogous cellular contribution and healing mechanisms following digit amputation and phalangeal fracture in mice. <i>Regeneration (Oxford, England)</i> , 2016, 3, 39-51.	6.3	30
14	Concise Review: Translating Regenerative Biology into Clinically Relevant Therapies: Are We on the Right Path?. <i>Stem Cells Translational Medicine</i> , 2018, 7, 220-231.	3.3	30
15	Fibroblast reticular cells engineer a blastema extracellular network during digit tip regeneration in mice. <i>Regeneration (Oxford, England)</i> , 2017, 4, 69-84.	6.3	26
16	Compression Decreases Anatomical and Functional Recovery and Alters Inflammation after Contusive Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2342-2352.	3.4	25
17	Complex Tissue Regeneration in Mammals Is Associated With Reduced Inflammatory Cytokines and an Influx of T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1695.	4.8	24
18	Cardiac Chemical Exchange Saturation Transfer MR Imaging Tracking of Cell Survival or Rejection in Mouse Models of Cell Therapy. <i>Radiology</i> , 2017, 282, 131-138.	7.3	14

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19	Sirtuin 3 deficiency does not impede digit regeneration in mice. <i>Scientific Reports</i> , 2019, 9, 16491.	3.3	13
20	Spatial transcriptomics reveals metabolic changes underlying age-dependent declines in digit regeneration. <i>ELife</i> , 0, 11, .	6.0	12
21	A new approach to analyzing regenerated bone quality in the mouse digit amputation model using semi-automatic processing of microCT data. <i>Bone</i> , 2021, 144, 115776.	2.9	8
22	What Is a Cytokine Storm and Should It Matter to Me?. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, 297-299.	2.5	5
23	Age-Dependent Changes in Bone Architecture, Patterning, and Biomechanics During Skeletal Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 749055.	3.7	5
24	Differences in synovial fibrosis relative to range of motion in knee osteoarthritis patients. <i>Journal of Orthopaedic Research</i> , 2021, , .	2.3	3
25	Letter to the Editor: Editorial: Beware of Studies Claiming that Social Factors are "Independently Associated" with Biological Complications of Surgery. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 2807-2809.	1.5	2
26	Healing power: The mammalian macrophage in skeletal regeneration, scar formation, and regenerative medicine. <i>Journal of Immunology and Regenerative Medicine</i> , 2020, 7, 100026.	0.4	1
27	Quantifying Mediators of Racial Disparities in Knee Osteoarthritis Outcome Scores. <i>JBJS Open Access</i> , 2021, 6, .	1.5	0
28	The role of oxygen in bone regeneration. <i>FASEB Journal</i> , 2012, 26, 758.12.	0.5	0
29	Novel explant culture model for evaluation of oxygen signaling during mammalian digit regeneration. <i>FASEB Journal</i> , 2013, 27, 1b34.	0.5	0