

# Jennifer Simkin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5325833/publications.pdf>

Version: 2024-02-01

29  
papers

1,108  
citations

471371

17  
h-index

580701

25  
g-index

37  
all docs

37  
docs citations

37  
times ranked

929  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.4	8
2	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.	1.1	5
3	Quantifying Mediators of Racial Disparities in Knee Osteoarthritis Outcome Scores. <i>JBJS Open Access</i> , 2021, 6, .	0.8	0
4	Differences in synovial fibrosis relative to range of motion in knee osteoarthritis patients. <i>Journal of Orthopaedic Research</i> , 2021, , .	1.2	3
5	Age-Dependent Changes in Bone Architecture, Patterning, and Biomechanics During Skeletal Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 749055.	1.8	5
6	Healing power: The mammalian macrophage in skeletal regeneration, scar formation, and regenerative medicine. <i>Journal of Immunology and Regenerative Medicine</i> , 2020, 7, 100026.	0.2	1
7	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.	2.2	24
8	Sirtuin 3 deficiency does not impede digit regeneration in mice. <i>Scientific Reports</i> , 2019, 9, 16491.	1.6	13
9	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.	0.7	2
10	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.	1.6	30
11	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
12	Compression Decreases Anatomical and Functional Recovery and Alters Inflammation after Contusive Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2342-2352.	1.7	25
13	Macrophages are required to coordinate mouse digit tip regeneration. <i>Development (Cambridge)</i> , 2017, 144, 3907-3916.	1.2	85
14	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.	3.6	14
15	Macrophages are necessary for epimorphic regeneration in African spiny mice. <i>ELife</i> , 2017, 6, .	2.8	147
16	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
17	Comparative analysis of ear-hole closure identifies epimorphic regeneration as a discrete trait in mammals. <i>Nature Communications</i> , 2016, 7, 11164.	5.8	124
18	Epidermal closure regulates histolysis during mammalian ( <i>Mus</i> ) digit regeneration. <i>Regeneration (Oxford, England)</i> , 2015, 2, 106-119.	6.3	46

#	ARTICLE	IF	CITATIONS
19	The mammalian blastema: regeneration at our fingertips. <i>Regeneration</i> (Oxford, England), 2015, 2, 93-105.	6.3	63
20	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</i> (Oxford, England), 2015, 2, 182-201.	6.3	59
21	Hyperbaric Oxygen Promotes Proximal Bone Regeneration and Organized Collagen Composition during Digit Regeneration. <i>PLoS ONE</i> , 2015, 10, e0140156.	1.1	38
22	Endogenous Bone Regeneration Is Dependent Upon a Dynamic Oxygen Event. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2336-2345.	3.1	39
23	Angiogenesis is inhibitory for mammalian digit regeneration. <i>Regeneration</i> (Oxford, England), 2014, 1, 33-46.	6.3	39
24	The Mouse Digit Tip: From Wound Healing to Regeneration. <i>Methods in Molecular Biology</i> , 2013, 1037, 419-435.	0.4	49
25	Connective Tissue Fibroblast Properties Are Position-Dependent during Mouse Digit Tip Regeneration. <i>PLoS ONE</i> , 2013, 8, e54764.	1.1	51
26	Novel explant culture model for evaluation of oxygen signaling during mammalian digit regeneration. <i>FASEB Journal</i> , 2013, 27, lb34.	0.2	0
27	The role of oxygen in bone regeneration. <i>FASEB Journal</i> , 2012, 26, 758.12.	0.2	0
28	Wound healing and blastema formation in regenerating digit tips of adult mice. <i>Developmental Biology</i> , 2011, 350, 301-310.	0.9	154
29	Spatial transcriptomics reveals metabolic changes underlying age-dependent declines in digit regeneration. <i>ELife</i> , 0, 11, .	2.8	12