Stephen M Goldman

List of Publications by Year
in descending order

26 papers	580 citations	687220 13 h-index	642610 23 g-index
27 all docs	27 docs citations	27 times ranked	573 citing authors

#	Article	IF	Citations
1	Unwavering Pathobiology of Volumetric Muscle Loss Injury. Scientific Reports, 2017, 7, 13179.	1.6	95
2	Multiscale analysis of a regenerative therapy for treatment of volumetric muscle loss injury. Cell Death Discovery, 2018, 4, 33.	2.0	93
3	Autologous Minced Muscle Grafts Improve Muscle Strength in a Porcine Model of Volumetric Muscle Loss Injury. Journal of Orthopaedic Trauma, 2016, 30, e396-e403.	0.7	48
4	Impact of volumetric muscle loss injury on persistent motoneuron axotomy. Muscle and Nerve, 2018, 57, 799-807.	1.0	44
5	Co-delivery of a laminin-111 supplemented hyaluronic acid based hydrogel with minced muscle graft in the treatment of volumetric muscle loss injury. PLoS ONE, 2018, 13, e0191245.	1.1	38
6	Autologous minced muscle grafts improve endogenous fracture healing and muscle strength after musculoskeletal trauma. Physiological Reports, 2017, 5, e13362.	0.7	36
7	Impairment of early fracture healing by skeletal muscle trauma is restored by FK506. BMC Musculoskeletal Disorders, 2017, 18, 253.	0.8	28
8	Decellularized extracellular matrix repair of volumetric muscle loss injury impairs adjacent bone healing in a rat model of complex musculoskeletal trauma. Journal of Trauma and Acute Care Surgery, 2016, 81, S184-S190.	1.1	26
9	Cultivation of agarose-based microfluidic hydrogel promotes the development of large, full-thickness, tissue-engineered articular cartilage constructs. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 572-581.	1.3	24
10	Taking the Next Steps in Regenerative Rehabilitation: Establishment of a New Interdisciplinary Field. Archives of Physical Medicine and Rehabilitation, 2020, 101, 917-923.	0.5	24
11	Co-delivery of micronized urinary bladder matrix damps regenerative capacity of minced muscle grafts in the treatment of volumetric muscle loss injuries. PLoS ONE, 2017, 12, e0186593.	1.1	17
12	Spatial Engineering of Osteochondral Tissue Constructs Through Microfluidically Directed Differentiation of Mesenchymal Stem Cells. BioResearch Open Access, 2016, 5, 109-117.	2.6	16
13	Evaluation of bone marrow mononuclear cells as an adjunct therapy to minced muscle graft for the treatment of volumetric muscle loss injuries. Stem Cell Research and Therapy, 2017, 8, 142.	2.4	15
14	The Role of the Inflammatory Response in Mediating Functional Recovery Following Composite Tissue Injuries. International Journal of Molecular Sciences, 2021, 22, 13552.	1.8	11
15	Hydrodynamic loading in concomitance with exogenous cytokine stimulation modulates differentiation of bovine mesenchymal stem cells towards osteochondral lineages. BMC Biotechnology, 2016, 16, 10.	1.7	10
16	Suturable mesh better resists early laparotomy failure in a cyclic ball-burst model. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2020, 24, 559-565.	0.9	10
17	COXâ€2 inhibition does not alter wound healing outcomes of a volumetric muscle loss injury treated with a biologic scaffold. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1929-1938.	1.3	7
18	Volumetric muscle loss disrupts length-dependent architectural and functional characteristics of skeletal muscle. Connective Tissue Research, 2021, 62, 72-82.	1.1	7

#	Article	IF	Citations
19	Evaluation of licofelone as an adjunct anti-inflammatory therapy to biologic scaffolds in the treatment of volumetric muscle loss. Cell and Tissue Research, 2021, 385, 149-159.	1.5	5
20	Evaluating the potential use of functional fibrosis to facilitate improved outcomes following volumetric muscle loss injury. Acta Biomaterialia, 2022, 140, 379-388.	4.1	5
21	Pleiotropic actions of Vitamin D in composite musculoskeletal trauma. Injury, 2020, 51, 2099-2109.	0.7	4
22	A Minimally Invasive Device for Continuous Glucose Monitoring in Infants. Journal of Medical Devices, Transactions of the ASME, 2008, 2, .	0.4	3
23	Development of a high-color flow cytometry panel for immunologic analysis of tissue injury and reconstruction in a rat model. Cells Tissues Organs, 2022, , .	1.3	3
24	Gait biomechanics: A clinically relevant outcome measure for preclinical research of musculoskeletal trauma. Journal of Orthopaedic Research, 2021, 39, 1139-1151.	1.2	2
25	A Comprehensive, Multidisciplinary Assessment for Knee Osteoarthritis Following Traumatic Unilateral Lower Limb Loss in Service Members. Military Medicine, 2024, 189, 581-591.	0.4	2
26	Development of a Novel Fluid Management System for Accurate Continuous Hemofiltration in Extracorporeal Membrane Oxygenation. , 2007, , .		1