

Stephen M Goldman

List of Publications by Year in descending order

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Version: 2024-02-01

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	A Comprehensive, Multidisciplinary Assessment for Knee Osteoarthritis Following Traumatic Unilateral Lower Limb Loss in Service Members. <i>Military Medicine</i> , 2024, 189, 581-591.	0.4	2
2	Evaluating the potential use of functional fibrosis to facilitate improved outcomes following volumetric muscle loss injury. <i>Acta Biomaterialia</i> , 2022, 140, 379-388.	4.1	5
3	Development of a high-color flow cytometry panel for immunologic analysis of tissue injury and reconstruction in a rat model. <i>Cells Tissues Organs</i> , 2022, , .	1.3	3
4	Volumetric muscle loss disrupts length-dependent architectural and functional characteristics of skeletal muscle. <i>Connective Tissue Research</i> , 2021, 62, 72-82.	1.1	7
5	Gait biomechanics: A clinically relevant outcome measure for preclinical research of musculoskeletal trauma. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1139-1151.	1.2	2
6	Evaluation of licofelone as an adjunct anti-inflammatory therapy to biologic scaffolds in the treatment of volumetric muscle loss. <i>Cell and Tissue Research</i> , 2021, 385, 149-159.	1.5	5
7	The Role of the Inflammatory Response in Mediating Functional Recovery Following Composite Tissue Injuries. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13552.	1.8	11
8	COXâ€2 inhibition does not alter wound healing outcomes of a volumetric muscle loss injury treated with a biologic scaffold. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1929-1938.	1.3	7
9	Pleiotropic actions of Vitamin D in composite musculoskeletal trauma. <i>Injury</i> , 2020, 51, 2099-2109.	0.7	4
10	Taking the Next Steps in Regenerative Rehabilitation: Establishment of a New Interdisciplinary Field. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 917-923.	0.5	24
11	Suturable mesh better resists early laparotomy failure in a cyclic ball-burst model. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2020, 24, 559-565.	0.9	10
12	Multiscale analysis of a regenerative therapy for treatment of volumetric muscle loss injury. <i>Cell Death Discovery</i> , 2018, 4, 33.	2.0	93
13	Impact of volumetric muscle loss injury on persistent motoneuron axotomy. <i>Muscle and Nerve</i> , 2018, 57, 799-807.	1.0	44
14	Co-delivery of a laminin-111 supplemented hyaluronic acid based hydrogel with minced muscle graft in the treatment of volumetric muscle loss injury. <i>PLoS ONE</i> , 2018, 13, e0191245.	1.1	38
15	Cultivation of agarose-based microfluidic hydrogel promotes the development of large, full-thickness, tissue-engineered articular cartilage constructs. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 572-581.	1.3	24
16	Unwavering Pathobiology of Volumetric Muscle Loss Injury. <i>Scientific Reports</i> , 2017, 7, 13179.	1.6	95
17	Autologous minced muscle grafts improve endogenous fracture healing and muscle strength after musculoskeletal trauma. <i>Physiological Reports</i> , 2017, 5, e13362.	0.7	36
18	Evaluation of bone marrow mononuclear cells as an adjunct therapy to minced muscle graft for the treatment of volumetric muscle loss injuries. <i>Stem Cell Research and Therapy</i> , 2017, 8, 142.	2.4	15

#	ARTICLE	IF	CITATIONS
19	Impairment of early fracture healing by skeletal muscle trauma is restored by FK506. BMC Musculoskeletal Disorders, 2017, 18, 253.	0.8	28
20	Co-delivery of micronized urinary bladder matrix dampens regenerative capacity of minced muscle grafts in the treatment of volumetric muscle loss injuries. PLoS ONE, 2017, 12, e0186593.	1.1	17
21	Spatial Engineering of Osteochondral Tissue Constructs Through Microfluidically Directed Differentiation of Mesenchymal Stem Cells. BioResearch Open Access, 2016, 5, 109-117.	2.6	16
22	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
23	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
24	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
25	A Minimally Invasive Device for Continuous Glucose Monitoring in Infants. Journal of Medical Devices, Transactions of the ASME, 2008, 2, .	0.4	3
26	Development of a Novel Fluid Management System for Accurate Continuous Hemofiltration in Extracorporeal Membrane Oxygenation. , 2007, , .		1