

Kyle S Martin

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

363
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

568
citing authors

#	ARTICLE	IF	CITATIONS
1	The kynurenine connection: how exercise shifts muscle tryptophan metabolism and affects energy homeostasis, the immune system, and the brain. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C818-C830.	4.6	65
2	Multiscale models of skeletal muscle reveal the complex effects of muscular dystrophy on tissue mechanics and damage susceptibility. <i>Interface Focus</i> , 2015, 5, 20140080.	3.0	64
3	Extracellular Superoxide Dismutase Ameliorates Skeletal Muscle Abnormalities, Cachexia, and Exercise Intolerance in Mice with Congestive Heart Failure. <i>Circulation: Heart Failure</i> , 2014, 7, 519-530.	3.9	54
4	Enhanced Skeletal Muscle Expression of Extracellular Superoxide Dismutase Mitigates Streptozotocin-Induced Diabetic Cardiomyopathy by Reducing Oxidative Stress and Aberrant Cell Signaling. <i>Circulation: Heart Failure</i> , 2015, 8, 188-197.	3.9	32
5	Agent-based model illustrates the role of the microenvironment in regeneration in healthy and mdx skeletal muscle. <i>Journal of Applied Physiology</i> , 2018, 125, 1424-1439.	2.5	31
6	Agent-based computational model investigates muscle-specific responses to disuse-induced atrophy. <i>Journal of Applied Physiology</i> , 2015, 118, 1299-1309.	2.5	28
7	In Silico and In Vivo Experiments Reveal M-CSF Injections Accelerate Regeneration Following Muscle Laceration. <i>Annals of Biomedical Engineering</i> , 2017, 45, 747-760.	2.5	27
8	Computational Modeling of Muscle Regeneration and Adaptation to Advance Muscle Tissue Regeneration Strategies. <i>Cells Tissues Organs</i> , 2016, 202, 250-266.	2.3	24
9	Muscle-derived extracellular superoxide dismutase inhibits endothelial activation and protects against multiple organ dysfunction syndrome in mice. <i>Free Radical Biology and Medicine</i> , 2017, 113, 212-223.	2.9	20
10	Spatial and age-related changes in the microstructure of dystrophic and healthy diaphragms. <i>PLoS ONE</i> , 2017, 12, e0183853.	2.5	12
11	Computational Models Provide Insight into In Vivo Studies and Reveal the Complex Role of Fibrosis in mdx Muscle Regeneration. <i>Annals of Biomedical Engineering</i> , 2021, 49, 536-547.	2.5	6