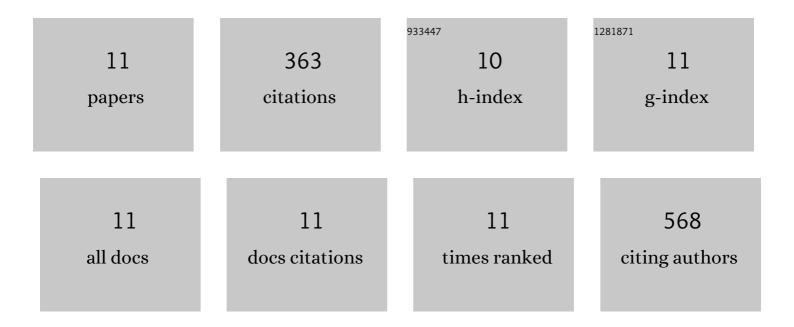
Kyle S Martin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5344811/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The kynurenine connection: how exercise shifts muscle tryptophan metabolism and affects energy homeostasis, the immune system, and the brain. American Journal of Physiology - Cell Physiology, 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. Interface Focus, 2015, 5, 20140080. | 3.0 | 64 |
| 3 | Extracellular Superoxide Dismutase Ameliorates Skeletal Muscle Abnormalities, Cachexia, and Exercise Intolerance in Mice with Congestive Heart Failure. Circulation: Heart Failure, 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. Circulation: Heart Failure, 2015, 8, 188-197. | 3.9 | 32 |
| 5 | Agent-based model illustrates the role of the microenvironment in regeneration in healthy and <i>mdx</i> skeletal muscle. Journal of Applied Physiology, 2018, 125, 1424-1439. | 2.5 | 31 |
| 6 | Agent-based computational model investigates muscle-specific responses to disuse-induced atrophy. Journal of Applied Physiology, 2015, 118, 1299-1309. | 2.5 | 28 |
| 7 | In Silico and In Vivo Experiments Reveal M-CSF Injections Accelerate Regeneration Following Muscle Laceration. Annals of Biomedical Engineering, 2017, 45, 747-760. | 2.5 | 27 |
| 8 | Computational Modeling of Muscle Regeneration and Adaptation to Advance Muscle Tissue Regeneration Strategies. Cells Tissues Organs, 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. Free Radical Biology and Medicine, 2017, 113, 212-223. | 2.9 | 20 |
| 10 | Spatial and age-related changes in the microstructure of dystrophic and healthy diaphragms. PLoS ONE, 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, Appals of Biomedical Engineering, 2021, 49, 536-547 | 2.5 | 6 |