

Carlos A Aguilar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

282
citations

10
h-index

16
g-index

26
ext. papers

454
ext. citations

10.7
avg, IF

3.52
L-index

#	Paper	IF	Citations
17	Unwavering Pathobiology of Volumetric Muscle Loss Injury. <i>Scientific Reports</i> , 2017 , 7, 13179	4.9	60
16	Multiscale analysis of a regenerative therapy for treatment of volumetric muscle loss injury. <i>Cell Death Discovery</i> , 2018 , 4, 33	6.9	56
15	Transcriptional and Chromatin Dynamics of Muscle Regeneration after Severe Trauma. <i>Stem Cell Reports</i> , 2016 , 7, 983-997	8	26
14	Pre-innervated tissue-engineered muscle promotes a pro-regenerative microenvironment following volumetric muscle loss. <i>Communications Biology</i> , 2020 , 3, 330	6.7	19
13	Resolvin D1 supports skeletal myofiber regeneration via actions on myeloid and muscle stem cells. <i>JCI Insight</i> , 2020 , 5,	9.9	18
12	Tuning Macrophage Phenotype to Mitigate Skeletal Muscle Fibrosis. <i>Journal of Immunology</i> , 2020 , 204, 2203-2215	5.3	17
11	Robust inflammatory and fibrotic signaling following volumetric muscle loss: a barrier to muscle regeneration. <i>Cell Death and Disease</i> , 2018 , 9, 409	9.8	15
10	Dissecting Murine Muscle Stem Cell Aging through Regeneration Using Integrative Genomic Analysis. <i>Cell Reports</i> , 2020 , 32, 107964	10.6	15
9	New Technologies To Enhance In Vivo Reprogramming for Regenerative Medicine. <i>Trends in Biotechnology</i> , 2019 , 37, 604-617	15.1	15
8	In vivo Monitoring of Transcriptional Dynamics After Lower-Limb Muscle Injury Enables Quantitative Classification of Healing. <i>Scientific Reports</i> , 2015 , 5, 13885	4.9	13
7	Engineered Tools to Study Intercellular Communication. <i>Advanced Science</i> , 2021 , 8, 2002825	13.6	10
6	Murine muscle stem cell response to perturbations of the neuromuscular junction are attenuated with aging. <i>ELife</i> , 2021 , 10,	8.9	7
5	Sestrins regulate muscle stem cell metabolic homeostasis. <i>Stem Cell Reports</i> , 2021 , 16, 2078-2088	8	4
4	Metabolipidomic profiling reveals an age-related deficiency of skeletal muscle pro-resolving mediators that contributes to maladaptive tissue remodeling. <i>Aging Cell</i> , 2021 , 20, e13393	9.9	3
3	Pre-Innervated Tissue Engineered Muscle Promotes a Pro-Regenerative Microenvironment Following Volumetric Muscle Loss		2
2	Lipidomic Profiling Reveals an Age-Related Deficiency of Skeletal Muscle Proresolving Mediators that Contributes to Maladaptive Tissue Remodeling		1
1	Neutrophil and natural killer cell imbalances prevent muscle stem cell-mediated regeneration following murine volumetric muscle loss.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2111445119	11.5	1

