

# Carlos A Aguilar

## List of Publications by Year in Descending Order

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

