

# Adolfo Jaitovich

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,656  
citations

430442

18  
h-index

525886

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Scale Multi-omic Analysis of COVID-19 Severity. <i>Cell Systems</i> , 2021, 12, 23-40.e7.	2.9	438
2	Skeletal Muscle Dysfunction in Chronic Obstructive Pulmonary Disease. What We Know and Can Do for Our Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 175-186.	2.5	168
3	HO $\alpha$ 1 is located in liver mitochondria and modulates mitochondrial heme content and metabolism. <i>FASEB Journal</i> , 2006, 20, 1236-1238.	0.2	153
4	High CO <sub>2</sub> Levels Cause Skeletal Muscle Atrophy via AMP-activated Kinase (AMPK), FoxO3a Protein, and Muscle-specific Ring Finger Protein 1 (MuRF1). <i>Journal of Biological Chemistry</i> , 2015, 290, 9183-9194.	1.6	101
5	Mitochondrial extracellular signal-regulated kinases 1/2 (ERK1/2) are modulated during brain development. <i>Journal of Neurochemistry</i> , 2004, 89, 248-256.	2.1	87
6	Blood DNA methylation and COVID-19 outcomes. <i>Clinical Epigenetics</i> , 2021, 13, 118.	1.8	68
7	Muscle atrophy in chronic obstructive pulmonary disease: molecular basis and potential therapeutic targets. <i>Journal of Thoracic Disease</i> , 2018, 10, S1415-S1424.	0.6	57
8	Mitochondrial nitric oxide synthase drives redox signals for proliferation and quiescence in rat liver development. <i>Hepatology</i> , 2004, 40, 157-166.	3.6	55
9	ICU Admission Muscle and Fat Mass, Survival, and Disability at Discharge. <i>Chest</i> , 2019, 155, 322-330.	0.4	53
10	Increased risk of severe clinical course of COVID-19 in carriers of HLA-C*04:01. <i>EClinicalMedicine</i> , 2021, 40, 101099.	3.2	52
11	Ubiquitin-Proteasome-mediated Degradation of Keratin Intermediate Filaments in Mechanically Stimulated A549 Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 25348-25355.	1.6	50
12	Salt, Na <sup>+</sup> ,K <sup>+</sup> -ATPase and hypertension. <i>Life Sciences</i> , 2010, 86, 73-78.	2.0	50
13	A Brief Overview of Nitric Oxide and Reactive Oxygen Species Signaling in Hypoxia-Induced Pulmonary Hypertension. <i>Advances in Experimental Medicine and Biology</i> , 2017, 967, 71-81.	0.8	38
14	ICU admission body composition: skeletal muscle, bone, and fat effects on mortality and disability at hospital discharge—a prospective, cohort study. <i>Critical Care</i> , 2020, 24, 566.	2.5	34
15	High CO <sub>2</sub> Downregulates Skeletal Muscle Protein Anabolism via AMP-activated Protein Kinase $\alpha$ -mediated Depressed Ribosomal Biogenesis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 74-86.	1.4	27
16	Severe COVID-19 Shares a Common Neutrophil Activation Signature with Other Acute Inflammatory States. <i>Cells</i> , 2022, 11, 847.	1.8	27
17	AMP-Activated Protein Kinase (AMPK) at the Crossroads Between CO <sub>2</sub> Retention and Skeletal Muscle Dysfunction in Chronic Obstructive Pulmonary Disease (COPD). <i>International Journal of Molecular Sciences</i> , 2020, 21, 955.	1.8	22
18	Unique inflammatory profile is associated with higher SARS-CoV-2 acute respiratory distress syndrome (ARDS) mortality. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R250-R257.	0.9	21

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19	Endothelial SOCS3 maintains homeostasis and promotes survival in endotoxemic mice. JCI Insight, 2021, 6, .	2.3	20
20	50-gene risk profiles in peripheral blood predict COVID-19 outcomes: A retrospective, multicenter cohort study. EBioMedicine, 2021, 69, 103439.	2.7	20
21	IL-13-driven pulmonary emphysema leads to skeletal muscle dysfunction attenuated by endurance exercise. Journal of Applied Physiology, 2020, 128, 134-148.	1.2	18
22	Deaccelerated Myogenesis and Autophagy in Genetically Induced Pulmonary Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 623-637.	1.4	12
23	Skeletal muscle dysfunction in COPD: relevance of nutritional support and pulmonary rehabilitation. Journal of Thoracic Disease, 2018, 10, S1330-S1331.	0.6	11
24	Established Biomarkers of Chronic Obstructive Pulmonary Disease Reflect Skeletal Muscle Integrity's Response to Exercise in an Animal Model of Pulmonary Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 266-269.	1.4	10
25	Hypercapnia-Driven Skeletal Muscle Dysfunction in an Animal Model of Pulmonary Emphysema Suggests a Complex Phenotype. Frontiers in Physiology, 2020, 11, 600290.	1.3	9
26	SDH Subunit C Regulates Muscle Oxygen Consumption and Fatigability in an Animal Model of Pulmonary Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 259-271.	1.4	9
27	Corticosteroid Administration Is Associated With Improved Outcome in Patients With Severe Acute Respiratory Syndrome Coronavirus 2-Related Acute Respiratory Distress Syndrome. , 2020, 2, e0143.		8
28	Improving survival by increasing lung edema clearance: is airspace delivery of dopamine a solution?. Critical Care, 2008, 12, 135.	2.5	4
29	Hypercapnic Respiratory Failure-Driven Skeletal Muscle Dysfunction: It Is Time for Animal Model-Based Mechanistic Research. Advances in Experimental Medicine and Biology, 2021, 1303, 129-138.	0.8	0
30	Use of Mass Spectrometry-Based Proteomics to Investigate Protein Regulation Associated with COPD-Related Muscle Dysfunction. FASEB Journal, 2020, 34, 1-1.	0.2	0