

Nicolas A Dumont

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.

20
papers

1,924
citations

17
h-index

22
g-index

22
ext. papers

2,500
ext. citations

13.7
avg, IF

5.09
L-index

#	Paper	IF	Citations
20	Transient neonatal exposure to hyperoxia, an experimental model of preterm birth, leads to skeletal muscle atrophy and fiber type switching. <i>Clinical Science</i> , 2021 , 135, 2589-2605	6.5	
19	Resolvin-D2 targets myogenic cells and improves muscle regeneration in Duchenne muscular dystrophy. <i>Nature Communications</i> , 2021 , 12, 6264	17.4	4
18	Fibro-adipogenic progenitors in skeletal muscle homeostasis, regeneration and diseases. <i>Open Biology</i> , 2021 , 11, 210110	7	3
17	EGFR-Aurka Signaling Rescues Polarity and Regeneration Defects in Dystrophin-Deficient Muscle Stem Cells by Increasing Asymmetric Divisions. <i>Cell Stem Cell</i> , 2019 , 24, 419-432.e6	18	52
16	Biallelic variants in the transcription factor PAX7 are a new genetic cause of myopathy. <i>Genetics in Medicine</i> , 2019 , 21, 2521-2531	8.1	17
15	Macrophages Are Key Regulators of Stem Cells during Skeletal Muscle Regeneration and Diseases. <i>Stem Cells International</i> , 2019 , 2019, 4761427	5	63
14	Characterizing Satellite Cells and Myogenic Progenitors During Skeletal Muscle Regeneration. <i>Methods in Molecular Biology</i> , 2017 , 1560, 179-188	1.4	19
13	Impact of Inflammation and Anti-inflammatory Modalities on Skeletal Muscle Healing: From Fundamental Research to the Clinic. <i>Physical Therapy</i> , 2017 , 97, 807-817	3.3	27
12	Targeting muscle stem cell intrinsic defects to treat Duchenne muscular dystrophy. <i>Npj Regenerative Medicine</i> , 2016 , 1,	15.8	30
11	Loss of fibronectin from the aged stem cell niche affects the regenerative capacity of skeletal muscle in mice. <i>Nature Medicine</i> , 2016 , 22, 897-905	50.5	155
10	Muscle RANK is a key regulator of Ca ²⁺ storage, SERCA activity, and function of fast-twitch skeletal muscles. <i>American Journal of Physiology - Cell Physiology</i> , 2016 , 310, C663-72	5.4	31
9	Intrinsic and extrinsic mechanisms regulating satellite cell function. <i>Development (Cambridge)</i> , 2015 , 142, 1572-81	6.6	271
8	Caspase 3 cleavage of Pax7 inhibits self-renewal of satellite cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5246-52	11.5	50
7	Satellite Cells and Skeletal Muscle Regeneration. <i>Comprehensive Physiology</i> , 2015 , 5, 1027-59	7.7	286
6	Dystrophin expression in muscle stem cells regulates their polarity and asymmetric division. <i>Nature Medicine</i> , 2015 , 21, 1455-63	50.5	294
5	Muscle stem cells at a glance. <i>Journal of Cell Science</i> , 2014 , 127, 4543-8	5.3	73
4	Inhibition of JAK-STAT signaling stimulates adult satellite cell function. <i>Nature Medicine</i> , 2014 , 20, 1174-80	50.5	239

3	Cellular dynamics in the muscle satellite cell niche. <i>EMBO Reports</i> , 2013 , 14, 1062-72	6.5	217
2	Macrophage colony-stimulating factor-induced macrophage differentiation promotes regrowth in atrophied skeletal muscles and C2C12 myotubes. <i>American Journal of Pathology</i> , 2013 , 182, 505-15	5.8	23
1	Macrophages protect against muscle atrophy and promote muscle recovery in vivo and in vitro: a mechanism partly dependent on the insulin-like growth factor-1 signaling molecule. <i>American Journal of Pathology</i> , 2010 , 176, 2228-35	5.8	65