

Nicolas A Dumont

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,928
citations

430442

18
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

4152
citing authors

#	ARTICLE	IF	CITATIONS
1	Cover Image, Volume 237, Number 4, April 2022. Journal of Cellular Physiology, 2022, 237, .	2.0	0
2	Resolvin-D2 targets myogenic cells and improves muscle regeneration in Duchenne muscular dystrophy. Nature Communications, 2021, 12, 6264.	5.8	38
3	Transient neonatal exposure to hyperoxia, an experimental model of preterm birth, leads to skeletal muscle atrophy and fiber type switching. Clinical Science, 2021, 135, 2589-2605.	1.8	1
4	Fibro-adipogenic progenitors in skeletal muscle homeostasis, regeneration and diseases. Open Biology, 2021, 11, 210110.	1.5	45
5	Macrophages Are Key Regulators of Stem Cells during Skeletal Muscle Regeneration and Diseases. Stem Cells International, 2019, 2019, 1-20.	1.2	121
6	EGFR-Aurka Signaling Rescues Polarity and Regeneration Defects in Dystrophin-Deficient Muscle Stem Cells by Increasing Asymmetric Divisions. Cell Stem Cell, 2019, 24, 419-432.e6.	5.2	107
7	Biallelic variants in the transcription factor PAX7 are a new genetic cause of myopathy. Genetics in Medicine, 2019, 21, 2521-2531.	1.1	25
8	Characterizing Satellite Cells and Myogenic Progenitors During Skeletal Muscle Regeneration. Methods in Molecular Biology, 2017, 1560, 179-188.	0.4	31
9	Impact of Inflammation and Anti-inflammatory Modalities on Skeletal Muscle Healing: From Fundamental Research to the Clinic. Physical Therapy, 2017, 97, 807-817.	1.1	43
10	Loss of fibronectin from the aged stem cell niche affects the regenerative capacity of skeletal muscle in mice. Nature Medicine, 2016, 22, 897-905.	15.2	226
11	Muscle RANK is a key regulator of Ca ²⁺ storage, SERCA activity, and function of fast-twitch skeletal muscles. American Journal of Physiology - Cell Physiology, 2016, 310, C663-C672.	2.1	51
12	Targeting muscle stem cell intrinsic defects to treat Duchenne muscular dystrophy. Npj Regenerative Medicine, 2016, 1, .	2.5	42
13	Satellite Cells and Skeletal Muscle Regeneration. , 2015, 5, 1027-1059.		489
14	Dystrophin expression in muscle stem cells regulates their polarity and asymmetric division. Nature Medicine, 2015, 21, 1455-1463.	15.2	443
15	Intrinsic and extrinsic mechanisms regulating satellite cell function. Development (Cambridge), 2015, 142, 1572-1581.	1.2	364
16	Caspase 3 cleavage of Pax7 inhibits self-renewal of satellite cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5246-52.	3.3	68
17	Muscle stem cells at a glance. Journal of Cell Science, 2014, 127, 4543-8.	1.2	95
18	Inhibition of JAK-STAT signaling stimulates adult satellite cell function. Nature Medicine, 2014, 20, 1174-1181.	15.2	309

#	ARTICLE	IF	CITATIONS
19	Cellular dynamics in the muscle satellite cell niche. EMBO Reports, 2013, 14, 1062-1072.	2.0	309
20	Macrophage Colony-Stimulating Factor-Induced Macrophage Differentiation Promotes Regrowth in Atrophied Skeletal Muscles and C2C12 Myotubes. American Journal of Pathology, 2013, 182, 505-515.	1.9	26
21	Macrophages Protect against Muscle Atrophy and Promote Muscle Recovery in Vivo and in Vitro. American Journal of Pathology, 2010, 176, 2228-2235.	1.9	82