

Nicolas A Dumont

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6001755/publications.pdf>

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 | Satellite Cells and Skeletal Muscle Regeneration. , 2015, 5, 1027-1059. | | 489 |
| 2 | Dystrophin expression in muscle stem cells regulates their polarity and asymmetric division. Nature Medicine, 2015, 21, 1455-1463. | 15.2 | 443 |
| 3 | Intrinsic and extrinsic mechanisms regulating satellite cell function. Development (Cambridge), 2015, 142, 1572-1581. | 1.2 | 364 |
| 4 | Cellular dynamics in the muscle satellite cell niche. EMBO Reports, 2013, 14, 1062-1072. | 2.0 | 309 |
| 5 | Inhibition of JAK-STAT signaling stimulates adult satellite cell function. Nature Medicine, 2014, 20, 1174-1181. | 15.2 | 309 |
| 6 | 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 |
| 7 | Macrophages Are Key Regulators of Stem Cells during Skeletal Muscle Regeneration and Diseases. Stem Cells International, 2019, 2019, 1-20. | 1.2 | 121 |
| 8 | 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 |
| 9 | Muscle stem cells at a glance. Journal of Cell Science, 2014, 127, 4543-8. | 1.2 | 95 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Fibro-adipogenic progenitors in skeletal muscle homeostasis, regeneration and diseases. Open Biology, 2021, 11, 210110. | 1.5 | 45 |
| 14 | 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 |
| 15 | Targeting muscle stem cell intrinsic defects to treat Duchenne muscular dystrophy. Npj Regenerative Medicine, 2016, 1, . | 2.5 | 42 |
| 16 | Resolvin-D2 targets myogenic cells and improves muscle regeneration in Duchenne muscular dystrophy. Nature Communications, 2021, 12, 6264. | 5.8 | 38 |
| 17 | Characterizing Satellite Cells and Myogenic Progenitors During Skeletal Muscle Regeneration. Methods in Molecular Biology, 2017, 1560, 179-188. | 0.4 | 31 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Biallelic variants in the transcription factor PAX7 are a new genetic cause of myopathy. <i>Genetics in Medicine</i> , 2019, 21, 2521-2531. | 1.1 | 25 |
| 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. | 1.8 | 1 |
| 21 | Cover Image, Volume 237, Number 4, April 2022. <i>Journal of Cellular Physiology</i> , 2022, 237, . | 2.0 | 0 |