

# Jacob W Fleming

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8070009/publications.pdf>

Version: 2024-02-01

8  
papers

195  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

330  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Mechanical loading of tissue engineered skeletal muscle prevents dexamethasone induced myotube atrophy. <i>Journal of Muscle Research and Cell Motility</i> , 2021, 42, 149-159.  | 2.0 | 11        |
| 2 | Physiological and pathophysiological concentrations of fatty acids induce lipid droplet accumulation and impair functional performance of tissue engineered skeletal muscle. <i>Journal of Cellular Physiology</i> , 2021, 236, 7033-7044.              | 4.1 | 4         |
| 3 | Bioengineered model of the human motor unit with physiologically functional neuromuscular junctions. <i>Scientific Reports</i> , 2021, 11, 11695.   | 3.3 | 12        |
| 4 | Bioengineered human skeletal muscle capable of functional regeneration. <i>BMC Biology</i> , 2020, 18, 145.   | 3.8 | 24        |
| 5 | Functional regeneration of tissue engineered skeletal muscle <i>in vitro</i> is dependent on the inclusion of basement membrane proteins. <i>Cytoskeleton</i> , 2019, 76, 371-382.  | 2.0 | 12        |
| 6 | Differentiation of Bioengineered Skeletal Muscle within a 3D Printed Perfusion Bioreactor Reduces Atrophic and Inflammatory Gene Expression. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5525-5538.                                      | 5.2 | 12        |
| 7 | Scalable 3D Printed Molds for Human Tissue Engineered Skeletal Muscle. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 20.  | 4.1 | 48        |
| 8 | Connective tissue growth factor contributes to joint homeostasis and osteoarthritis severity by controlling the matrix sequestration and activation of latent TGF $\beta$ <sup>2</sup> . <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1372-1380. | 0.9 | 72        |