

Fiona Louis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3570109/publications.pdf>

Version: 2024-02-01

20
papers

423
citations

933447

10
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

470
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | High-throughput drug screening models of mature adipose tissues which replicate the physiology of patients' Body Mass Index (BMI). <i>Bioactive Materials</i> , 2022, 7, 227-241. | 15.6 | 7 |
| 2 | Brain microvascular endothelial cells derived from human induced pluripotent stem cells as in vitro model for assessing blood-brain barrier transferrin receptor-mediated transcytosis. <i>Materials Today Bio</i> , 2022, 14, 100232. | 5.5 | 13 |
| 3 | Mechanism assay of interaction between blood vessels-near infrared probe and cell surface marker proteins of endothelial cells. <i>Materials Today Bio</i> , 2022, 15, 100332. | 5.5 | 1 |
| 4 | Direct Conversion of Human Fibroblasts into Adipocytes Using a Novel Small Molecular Compound: Implications for Regenerative Therapy for Adipose Tissue Defects. <i>Cells</i> , 2021, 10, 605. | 4.1 | 4 |
| 5 | Bioprinted Vascularized Mature Adipose Tissue with Collagen Microfibers for Soft Tissue Regeneration. <i>Cyborg and Bionic Systems</i> , 2021, 2021, . | 7.9 | 30 |
| 6 | A Near-Infrared Organic Fluorescent Probe for Broad Applications for Blood Vessels Imaging by High-Throughput Screening via 3D Blood Vessel Models. <i>Small Methods</i> , 2021, 5, e2100338. | 8.6 | 13 |
| 7 | Engineered whole cut meat-like tissue by the assembly of cell fibers using tendon-gel integrated bioprinting. <i>Nature Communications</i> , 2021, 12, 5059. | 12.8 | 141 |
| 8 | A Near-Infrared Organic Fluorescent Probe for Broad Applications for Blood Vessels Imaging by High-Throughput Screening via 3D Blood Vessel Models (Small Methods 8/2021). <i>Small Methods</i> , 2021, 5, 2170036. | 8.6 | 0 |
| 9 | Fabrication of Blood Capillary Models for Live Imaging Microarray Analysis. <i>Micromachines</i> , 2020, 11, 727. | 2.9 | 7 |
| 10 | Effects of radiofrequency and ultrasound on the turnover rate of skin aging components (skin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Research Communications, 2020, 525, 73-79. | 2.1 | 7 |
| 11 | Adipose tissue engineering. , 2020, , 393-423. | | 26 |
| 12 | In vitro fabrication and application of engineered vascular hydrogels. <i>Polymer Journal</i> , 2020, 52, 871-881. | 2.7 | 13 |
| 13 | 3D collagen microfibers stimulate the functionality of preadipocytes and maintain the phenotype of mature adipocytes for long term cultures. <i>Acta Biomaterialia</i> , 2019, 84, 194-207. | 8.3 | 56 |
| 14 | Fabrication Methods of Sustainable Hydrogels. , 2019, , 355-386. | | 5 |
| 15 | The iron regulatory proteins are defective in repressing translation via exogenous 5 ^{â€²} iron responsive elements despite their relative abundance in leukemic cellular models. <i>Metallomics</i> , 2018, 10, 639-649. | 2.4 | 4 |
| 16 | Seeing Elastin: A Near-Infrared Zwitterionic Fluorescent Probe for In Vivo Elastin Imaging. <i>Chem</i> , 2018, 4, 1128-1138. | 11.7 | 28 |
| 17 | A biomimetic hydrogel functionalized with adipose ECM components as a microenvironment for the 3D culture of human and murine adipocytes. <i>Biotechnology and Bioengineering</i> , 2017, 114, 1813-1824. | 3.3 | 23 |
| 18 | RhoGTPase stimulation is associated with strontium chloride treatment to counter simulated microgravity-induced changes in multipotent cell commitment. <i>Npj Microgravity</i> , 2017, 3, 7. | 3.7 | 10 |

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|----|--|-----|-----------|
| 19 | Abstract 4266: Reproducible spheroid formation using functionalized hyaluronan 3D scaffolds. , 2016, , · | | 0 |
| 20 | RhoGTPases as Key Players in Mammalian Cell Adaptation to Microgravity. BioMed Research International, 2015, 2015, 1-17. | 1.9 | 34 |