

Shiro Kitano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9777015/publications.pdf>

Version: 2024-02-01

12
papers

290
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Bioprinted Vascularized Mature Adipose Tissue with Collagen Microfibers for Soft Tissue Regeneration. <i>Cyborg and Bionic Systems</i> , 2021, 2021, .	7.9	30
4	Collagen Microfibers Induce Blood Capillary Orientation and Open Vascular Lumen. <i>Advanced Biology</i> , 2020, 4, e2000038.	3.0	23
5	Cancer Stem Cell Microenvironment Models with Biomaterial Scaffolds In Vitro. <i>Processes</i> , 2021, 9, 45.	2.8	8
6	Biomacromoleculeâ€Fueled Transient Volume Phase Transition of a Hydrogel. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
7	High-throughput drug screening models of mature adipose tissues which replicate the physiology of patientsâ€™ Body Mass Index (BMI). <i>Bioactive Materials</i> , 2022, 7, 227-241.	15.6	7
8	Liquid biopsy for optimizing the rechallenge of cetuximab in metastatic colorectal cancer: Additional study of E-Rechallenge Trial.. <i>Journal of Clinical Oncology</i> , 2019, 37, 585-585.	1.6	7
9	Dynamic analysis of <i>Porphyrromonas gingivalis</i> invasion into blood capillaries during the infection process in host tissues using a vascularized three-dimensional human gingival model. <i>Biomaterials Science</i> , 2021, 9, 6574-6583.	5.4	6
10	Preparation of Extracellular Matrix Paper and Construction of Multiâ€Layered 3D Tissue Model. <i>Current Protocols in Cell Biology</i> , 2020, 88, e112.	2.3	1
11	Constructing vascularized hepatic tissue by cell-assembled viscous tissue sedimentation method and its application for vascular toxicity assessment. <i>Acta Biomaterialia</i> , 2021, 140, 275-275.	8.3	1
12	Biomacromoleculeâ€Fueled Transient Volume Phase Transition of a Hydrogel. <i>Angewandte Chemie</i> , 0, , .	2.0	1