

Aereas Aung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9913776/publications.pdf>

Version: 2024-02-01

15
papers

1,218
citations

623734

14
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

2288
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering the cell-material interface for controlling stem cell adhesion, migration, and differentiation. <i>Biomaterials</i> , 2011, 32, 3700-3711.	11.4	288
2	Controlling timing and location in vaccines. <i>Advanced Drug Delivery Reviews</i> , 2020, 158, 91-115.	13.7	141
3	Skeletal muscle-on-a-chip: an in vitro model to evaluate tissue formation and injury. <i>Lab on A Chip</i> , 2017, 17, 3447-3461.	6.0	121
4	Osteoarthritic chondrocyte-secreted morphogens induce chondrogenic differentiation of human mesenchymal stem cells. <i>Arthritis and Rheumatism</i> , 2011, 63, 148-158.	6.7	99
5	An Engineered Tumor-on-a-Chip Device with Breast Cancer-Immune Cell Interactions for Assessing T-cell Recruitment. <i>Cancer Research</i> , 2020, 80, 263-275.	0.9	89
6	Dynamic Electromechanical Hydrogel Matrices for Stem Cell Culture. <i>Advanced Functional Materials</i> , 2011, 21, 55-63.	14.9	84
7	3D Traction Stresses Activate Protease-Dependent Invasion of Cancer Cells. <i>Biophysical Journal</i> , 2014, 107, 2528-2537.	0.5	77
8	A particulate saponin/TLR agonist vaccine adjuvant alters lymph flow and modulates adaptive immunity. <i>Science Immunology</i> , 2021, 6, eabf1152.	11.9	63
9	A novel single precursor-based biodegradable hydrogel with enhanced mechanical properties. <i>Soft Matter</i> , 2009, 5, 3831.	2.7	59
10	3D cardiac tissues within a microfluidic device with real-time contractile stress readout. <i>Lab on A Chip</i> , 2016, 16, 153-162.	6.0	55
11	Chemotaxis-driven assembly of endothelial barrier in a tumor-on-a-chip platform. <i>Lab on A Chip</i> , 2016, 16, 1886-1898.	6.0	39
12	Three-Dimensional Monolayer Stress Microscopy. <i>Biophysical Journal</i> , 2019, 117, 111-128.	0.5	30
13	Mannose-binding lectin and complement mediate follicular localization and enhanced immunogenicity of diverse protein nanoparticle immunogens. <i>Cell Reports</i> , 2022, 38, 110217.	6.4	29
14	Embedded 3D Photopatterning of Hydrogels with Diverse and Complex Architectures for Tissue Engineering and Disease Models. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 1188-1196.	2.1	28
15	Fusarisetins: structure-function studies on a novel class of cell migration inhibitors. <i>Organic Chemistry Frontiers</i> , 2014, 1, 135.	4.5	14