

Angelo S Mao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1812300/publications.pdf>

Version: 2024-02-01

16
papers

2,192
citations

623574

14
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

4100
citing authors

#	ARTICLE	IF	CITATIONS
1	Regenerative medicine: Current therapies and future directions. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14452-14459.	3.3	651
2	Microfluidic Generation of Monodisperse, Structurally Homogeneous Alginate Microgels for Cell Encapsulation and 3D Cell Culture. Advanced Healthcare Materials, 2015, 4, 1628-1633.	3.9	272
3	Programmable CRISPR-responsive smart materials. Science, 2019, 365, 780-785.	6.0	248
4	Effects of substrate stiffness and cell-cell contact on mesenchymal stem cell differentiation. Biomaterials, 2016, 98, 184-191.	5.7	205
5	Minimally instrumented SHERLOCK (miSHERLOCK) for CRISPR-based point-of-care diagnosis of SARS-CoV-2 and emerging variants. Science Advances, 2021, 7, .	4.7	189
6	Programmable microencapsulation for enhanced mesenchymal stem cell persistence and immunomodulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15392-15397.	3.3	124
7	Microfluidic Templated Multicompartment Microgels for 3D Encapsulation and Pairing of Single Cells. Small, 2018, 14, 1702955.	5.2	118
8	A biomaterial-based vaccine eliciting durable tumour-specific responses against acute myeloid leukaemia. Nature Biomedical Engineering, 2020, 4, 40-51.	11.6	83
9	An injectable bone marrow-like scaffold enhances T cell immunity after hematopoietic stem cell transplantation. Nature Biotechnology, 2019, 37, 293-302.	9.4	79
10	Compression-induced dedifferentiation of adipocytes promotes tumor progression. Science Advances, 2020, 6, eaax5611.	4.7	53
11	Single cell-laden protease-sensitive microniches for long-term culture in 3D. Lab on A Chip, 2017, 17, 727-737.	3.1	43
12	Creating CRISPR-responsive smart materials for diagnostics and programmable cargo release. Nature Protocols, 2020, 15, 3030-3063.	5.5	42
13	Acetalated Dextran Nanoparticles Loaded into an Injectable Alginate Cryogel for Combined Chemotherapy and Cancer Vaccination. Advanced Functional Materials, 2019, 29, 1903686.	7.8	41
14	RNA-responsive elements for eukaryotic translational control. Nature Biotechnology, 2022, 40, 539-545.	9.4	34
15	Actuated 3D microgels for single cell mechanobiology. Lab on A Chip, 2022, 22, 1962-1970.	3.1	7
16	Generation of the Compression-induced Dedifferentiated Adipocytes (CiDAs) Using Hypertonic Medium. Bio-protocol, 2021, 11, e3920.	0.2	3