

Changmin Shao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6505277/publications.pdf>

Version: 2024-02-01

26
papers

1,539
citations

361045

20
h-index

552369

26
g-index

27
all docs

27
docs citations

27
times ranked

1784
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic enzyme cascade reaction system in microfluidic electrospray microcapsules. <i>Science Advances</i> , 2018, 4, eaat2816.	4.7	277
2	Antibacterial and angiogenic chitosan microneedle array patch for promoting wound healing. <i>Bioactive Materials</i> , 2020, 5, 253-259.	8.6	255
3	Responsive Inverse Opal Scaffolds with Biomimetic Enrichment Capability for Cell Culture. <i>Research</i> , 2019, 2019, 9783793.	2.8	124
4	Cardiomyocyte-Driven Structural Color Actuation in Anisotropic Inverse Opals. <i>ACS Nano</i> , 2019, 13, 796-802.	7.3	99
5	Graphene Hybrid Anisotropic Structural Color Film for Cardiomyocytes' Monitoring. <i>Advanced Functional Materials</i> , 2020, 30, 1906353.	7.8	63
6	Porous scaffolds from droplet microfluidics for prevention of intrauterine adhesion. <i>Acta Biomaterialia</i> , 2019, 84, 222-230.	4.1	60
7	Chinese herb microneedle patch for wound healing. <i>Bioactive Materials</i> , 2021, 6, 3507-3514.	8.6	60
8	Microfluidic 3D Printing Responsive Scaffolds with Biomimetic Enrichment Channels for Bone Regeneration. <i>Advanced Functional Materials</i> , 2021, 31, 2105190.	7.8	59
9	Bioinspired Helical Micromotors as Dynamic Cell Microcarriers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16097-16103.	4.0	54
10	Bio-inspired wettability patterns for biomedical applications. <i>Materials Horizons</i> , 2021, 8, 124-144.	6.4	52
11	Bioinspired Photonic Barcodes with Graphene Oxide Encapsulation for Multiplexed MicroRNA Quantification. <i>Small</i> , 2018, 14, e1803551.	5.2	46
12	Tofu-inspired microcarriers from droplet microfluidics for drug delivery. <i>Science China Chemistry</i> , 2019, 62, 87-94.	4.2	42
13	Mesoporous Colloidal Photonic Crystal Particles for Intelligent Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33936-33944.	4.0	38
14	Photocontrolled Healable Structural Color Hydrogels. <i>Small</i> , 2019, 15, e1903104.	5.2	36
15	Droplet Microarray on Patterned Butterfly Wing Surfaces for Cell Spheroid Culture. <i>Langmuir</i> , 2019, 35, 3832-3839.	1.6	36
16	Droplet microfluidics-based biomedical microcarriers. <i>Acta Biomaterialia</i> , 2022, 138, 21-33.	4.1	35
17	Generating Microdroplet Array on Photonic Pseudo-paper for Absolute Quantification of Nucleic Acids. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39144-39150.	4.0	34
18	Development of Cell Spheroids by Advanced Technologies. <i>Advanced Materials Technologies</i> , 2020, 5, 2000183.	3.0	32

#	ARTICLE	IF	CITATIONS
19	Living Materials for Life Healthcare. <i>Accounts of Materials Research</i> , 2021, 2, 59-70.	5.9	30
20	Egg Component-Composited Inverse Opal Particles for Synergistic Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17058-17064.	4.0	22
21	Hierarchical Hydrogels with Ordered Micro-Nano Structures for Cancer-on-a-Chip Construction. <i>Research</i> , 2021, 2021, 9845679.	2.8	21
22	Superwetable colloidal crystal micropatterns on butterfly wing surface for ultrasensitive detection. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 122-129.	5.0	20
23	Magnetically responsive colloidal crystals with angle-independent gradient structural colors in microfluidic droplet arrays. <i>Nanoscale</i> , 2019, 11, 12898-12904.	2.8	17
24	Microfluidic droplet templates derived porous patch with anisotropic wettability. <i>Chemical Engineering Journal</i> , 2021, 417, 128073.	6.6	16
25	Porous hydrogel arrays for hepatoma cell spheroid formation and drug resistance investigation. <i>Bio-Design and Manufacturing</i> , 2021, 4, 842-850.	3.9	9
26	Bioinspired Photonic Barcodes: Bioinspired Photonic Barcodes with Graphene Oxide Encapsulation for Multiplexed MicroRNA Quantification (<i>Small</i> 52/2018). <i>Small</i> , 2018, 14, 1870255.	5.2	2