

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

361413
20
h-index

552781
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. Science Advances, 2018, 4, eaat2816. | 10.3 | 277 |
| 2 | Antibacterial and angiogenic chitosan microneedle array patch for promoting wound healing. Bioactive Materials, 2020, 5, 253-259. | 15.6 | 255 |
| 3 | Responsive Inverse Opal Scaffolds with Biomimetic Enrichment Capability for Cell Culture. Research, 2019, 2019, 9783793. | 5.7 | 124 |
| 4 | Cardiomyocyte-Driven Structural Color Actuation in Anisotropic Inverse Opals. ACS Nano, 2019, 13, 796-802. | 14.6 | 99 |
| 5 | Graphene Hybrid Anisotropic Structural Color Film for Cardiomyocytes' Monitoring. Advanced Functional Materials, 2020, 30, 1906353. | 14.9 | 63 |
| 6 | Porous scaffolds from droplet microfluidics for prevention of intrauterine adhesion. Acta Biomaterialia, 2019, 84, 222-230. | 8.3 | 60 |
| 7 | Chinese herb microneedle patch for wound healing. Bioactive Materials, 2021, 6, 3507-3514. | 15.6 | 60 |
| 8 | Microfluidic 3D Printing Responsive Scaffolds with Biomimetic Enrichment Channels for Bone Regeneration. Advanced Functional Materials, 2021, 31, 2105190. | 14.9 | 59 |
| 9 | Bioinspired Helical Micromotors as Dynamic Cell Microcarriers. ACS Applied Materials & Interfaces, 2020, 12, 16097-16103. | 8.0 | 54 |
| 10 | Bio-inspired wettability patterns for biomedical applications. Materials Horizons, 2021, 8, 124-144. | 12.2 | 52 |
| 11 | Bioinspired Photonic Barcodes with Graphene Oxide Encapsulation for Multiplexed MicroRNA Quantification. Small, 2018, 14, e1803551. | 10.0 | 46 |
| 12 | Tofu-inspired microcarriers from droplet microfluidics for drug delivery. Science China Chemistry, 2019, 62, 87-94. | 8.2 | 42 |
| 13 | Mesoporous Colloidal Photonic Crystal Particles for Intelligent Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 33936-33944. | 8.0 | 38 |
| 14 | Photocontrolled Healable Structural Color Hydrogels. Small, 2019, 15, e1903104. | 10.0 | 36 |
| 15 | Droplet Microarray on Patterned Butterfly Wing Surfaces for Cell Spheroid Culture. Langmuir, 2019, 35, 3832-3839. | 3.5 | 36 |
| 16 | Droplet microfluidics-based biomedical microcarriers. Acta Biomaterialia, 2022, 138, 21-33. | 8.3 | 35 |
| 17 | Generating Microdroplet Array on Photonic Pseudo-paper for Absolute Quantification of Nucleic Acids. ACS Applied Materials & Interfaces, 2018, 10, 39144-39150. | 8.0 | 34 |
| 18 | Development of Cell Spheroids by Advanced Technologies. Advanced Materials Technologies, 2020, 5, 2000183. | 5.8 | 32 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Living Materials for Life Healthcare. Accounts of Materials Research, 2021, 2, 59-70. | 11.7 | 30 |
| 20 | Egg Component-Composited Inverse Opal Particles for Synergistic Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 17058-17064. | 8.0 | 22 |
| 21 | Hierarchical Hydrogels with Ordered Micro-Nano Structures for Cancer-on-a-Chip Construction. Research, 2021, 2021, 9845679. | 5.7 | 21 |
| 22 | Superwetable colloidal crystal micropatterns on butterfly wing surface for ultrasensitive detection. Journal of Colloid and Interface Science, 2019, 546, 122-129. | 9.4 | 20 |
| 23 | Magnetically responsive colloidal crystals with angle-independent gradient structural colors in microfluidic droplet arrays. Nanoscale, 2019, 11, 12898-12904. | 5.6 | 17 |
| 24 | Microfluidic droplet templates derived porous patch with anisotropic wettability. Chemical Engineering Journal, 2021, 417, 128073. | 12.7 | 16 |
| 25 | Porous hydrogel arrays for hepatoma cell spheroid formation and drug resistance investigation. Bio-Design and Manufacturing, 2021, 4, 842-850. | 7.7 | 9 |
| 26 | Bioinspired Photonic Barcodes: Bioinspired Photonic Barcodes with Graphene Oxide Encapsulation for Multiplexed MicroRNA Quantification (Small 52/2018). Small, 2018, 14, 1870255. | 10.0 | 2 |