

Yuxiao Liu

List of Publications by Year in descending order

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44
papers

2,754
citations

196777

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274796

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docs citations

46
times ranked

2926
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomotorâ€Derived Porous Biomedical Particles from Droplet Microfluidics. <i>Advanced Science</i> , 2022, 9, e2104272.	5.6	31
2	Biomass Microcapsules with Stem Cell Encapsulation for Bone Repair. <i>Nano-Micro Letters</i> , 2022, 14, 4.	14.4	56
3	Polydopamine Decorated Microneedles with Feâ€MSCâ€Derived Nanovesicles Encapsulation for Wound Healing. <i>Advanced Science</i> , 2022, 9, e2103317.	5.6	110
4	Black phosphorus quantum dots doped multifunctional hydrogel particles for cancer immunotherapy. <i>Chemical Engineering Journal</i> , 2021, 408, 127349.	6.6	35
5	Microfluidics for Drug Development: From Synthesis to Evaluation. <i>Chemical Reviews</i> , 2021, 121, 7468-7529.	23.0	95
6	NIR-responsive structural color hydrogel microchannel for self-regulating microfluidic system. <i>Applied Materials Today</i> , 2021, 24, 101115.	2.3	5
7	Metformin loaded porous particles with bio-microenvironment responsiveness for promoting tumor immunotherapy. <i>Biomaterials Science</i> , 2021, 9, 2082-2089.	2.6	11
8	Bioinspired Artificial Liver System with hiPSCâ€Derived Hepatocytes for Acute Liver Failure Treatment. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101580.	3.9	20
9	Hierarchically Inverse Opal Porous Scaffolds from Droplet Microfluidics for Biomimetic 3D Cell Co-Culture. <i>Engineering</i> , 2021, 7, 1778-1785.	3.2	15
10	Orally administrated nucleotide-delivery particles from microfluidics for inflammatory bowel disease treatment. <i>Applied Materials Today</i> , 2021, 25, 101231.	2.3	9
11	Immunotherapeutic silk inverse opal particles for post-surgical tumor treatment. <i>Science Bulletin</i> , 2020, 65, 380-388.	4.3	73
12	Anisotropic structural color particles from colloidal phase separation. <i>Science Advances</i> , 2020, 6, eaay1438.	4.7	133
13	Responsive drug-delivery microcarriers based on the silk fibroin inverse opal scaffolds for controllable drug release. <i>Applied Materials Today</i> , 2020, 19, 100540.	2.3	34
14	Bio-inspired lubricant drug delivery particles for the treatment of osteoarthritis. <i>Nanoscale</i> , 2020, 12, 17093-17102.	2.8	53
15	Bioinspired structural color particles with multi-layer graphene oxide encapsulated nanoparticle components. <i>Bioactive Materials</i> , 2020, 5, 917-923.	8.6	16
16	Black Phosphorus-Loaded Separable Microneedles as Responsive Oxygen Delivery Carriers for Wound Healing. <i>ACS Nano</i> , 2020, 14, 5901-5908.	7.3	215
17	Photoresponsive Delivery Microcarriers for Tissue Defects Repair. <i>Advanced Science</i> , 2019, 6, 1901280.	5.6	50
18	Bio-Inspired Self-Adhesive Bright Non-iridescent Graphene Pigments. <i>Matter</i> , 2019, 1, 1581-1591.	5.0	50

#	ARTICLE	IF	CITATIONS
19	A responsive porous hydrogel particle-based delivery system for oncotherapy. <i>Nanoscale</i> , 2019, 11, 2687-2693.	2.8	30
20	Graphene hybrid colloidal crystal arrays with photo-controllable structural colors. <i>Nanoscale</i> , 2019, 11, 10846-10851.	2.8	35
21	Responsive Porous Microcarriers With Controllable Oxygen Delivery for Wound Healing. <i>Small</i> , 2019, 15, e1901254.	5.2	65
22	PàGlycoprotein Antibody Decorated Porous Hydrogel Particles for Capture and Release of Drug-Resistant Tumor Cells. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900136.	3.9	22
23	Antibacterial Porous Microcarriers with a Pathological State Responsive Switch for Wound Healing. <i>ACS Applied Bio Materials</i> , 2019, 2, 2155-2161.	2.3	14
24	Droplet Microarray on Patterned Butterfly Wing Surfaces for Cell Spheroid Culture. <i>Langmuir</i> , 2019, 35, 3832-3839.	1.6	36
25	Spinning and Applications of Bioinspired Fiber Systems. <i>ACS Nano</i> , 2019, 13, 2749-2772.	7.3	151
26	Tofu-inspired microcarriers from droplet microfluidics for drug delivery. <i>Science China Chemistry</i> , 2019, 62, 87-94.	4.2	42
27	Porous scaffolds from droplet microfluidics for prevention of intrauterine adhesion. <i>Acta Biomaterialia</i> , 2019, 84, 222-230.	4.1	60
28	Responsive Inverse Opal Scaffolds with Biomimetic Enrichment Capability for Cell Culture. <i>Research</i> , 2019, 2019, 9783793.	2.8	124
29	Egg Component-Composited Inverse Opal Particles for Synergistic Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17058-17064.	4.0	22
30	Aptamer-based hydrogel barcodes for the capture and detection of multiple types of pathogenic bacteria. <i>Biosensors and Bioelectronics</i> , 2018, 100, 404-410.	5.3	86
31	Silk Fibroin Microparticles with Hollow Mesoporous Silica Nanocarriers Encapsulation for Abdominal Wall Repair. <i>Advanced Healthcare Materials</i> , 2018, 7, e1801005.	3.9	31
32	Peanut-inspired anisotropic microparticles from microfluidics. <i>Composites Communications</i> , 2018, 10, 129-135.	3.3	9
33	Multifunctional Chitosan Inverse Opal Particles for Wound Healing. <i>ACS Nano</i> , 2018, 12, 10493-10500.	7.3	141
34	Pollen-inspired microparticles with strong adhesion for drug delivery. <i>Applied Materials Today</i> , 2018, 13, 303-309.	2.3	46
35	Vitamin metal-organic framework-laden microfibers from microfluidics for wound healing. <i>Materials Horizons</i> , 2018, 5, 1137-1142.	6.4	105
36	Mesoporous Colloidal Photonic Crystal Particles for Intelligent Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33936-33944.	4.0	38

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37	Multicolored photonic barcodes from dynamic micromolding. <i>Materials Horizons</i> , 2018, 5, 979-983.	6.4	40
38	Quantum-dot-encapsulated core-shell barcode particles from droplet microfluidics. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7257-7262.	2.9	28
39	Biomimetic enzyme cascade reaction system in microfluidic electrospray microcapsules. <i>Science Advances</i> , 2018, 4, eaat2816.	4.7	277
40	Hierarchically porous composite microparticles from microfluidics for controllable drug delivery. <i>Nanoscale</i> , 2018, 10, 12595-12604.	2.8	41
41	Composite core-shell microparticles from microfluidics for synergistic drug delivery. <i>Science China Materials</i> , 2017, 60, 543-553.	3.5	74
42	Microfluidic generation of egg-derived protein microcarriers for 3D cell culture and drug delivery. <i>Science Bulletin</i> , 2017, 62, 1283-1290.	4.3	81
43	Tubular inverse opal scaffolds for biomimetic vessels. <i>Nanoscale</i> , 2016, 8, 13574-13580.	2.8	28
44	Photonic Crystal Microbubbles as Suspension Barcodes. <i>Journal of the American Chemical Society</i> , 2015, 137, 15533-15539.	6.6	117