

# Yunru Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

4,371  
citations

100601

38  
h-index

145109

60  
g-index

62  
all docs

62  
docs citations

62  
times ranked

5075  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic encapsulated manganese organic frameworks as enzyme mimetics for inflammatory bowel disease treatment. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1382-1390.	5.0	19
2	Twisted fiber batteries for wearable electronic devices. <i>Smart Materials in Medicine</i> , 2022, 3, 1-3.	3.7	5
3	Programmable Knot Microfibers from Piezoelectric Microfluidics. <i>Small</i> , 2022, 18, e2104309.	5.2	14
4	Porous MOF Microneedle Array Patch with Photothermal Responsive Nitric Oxide Delivery for Wound Healing. <i>Advanced Science</i> , 2022, 9, e2103449.	5.6	85
5	Porous microcapsules encapsulating $\hat{I}^2$ cells generated by microfluidic electrospray technology for diabetes treatment. <i>NPG Asia Materials</i> , 2022, 14, .	3.8	12
6	Heterogeneous Structural Color Microfibers for Cardiomyocytes Tugâ€ofâ€W. <i>Advanced Functional Materials</i> , 2021, 31, 2007527.	7.8	24
7	Living Materials for Regenerative Medicine. <i>Engineered Regeneration</i> , 2021, 2, 96-104.	3.0	43
8	Morphological Hydrogel Microfibers with MXene Encapsulation for Electronic Skin. <i>Research</i> , 2021, 2021, 7065907.	2.8	47
9	Microfluidics for flexible electronics. <i>Materials Today</i> , 2021, 44, 105-135.	8.3	65
10	Microfluidic 3D Printing Responsive Scaffolds with Biomimetic Enrichment Channels for Bone Regeneration. <i>Advanced Functional Materials</i> , 2021, 31, 2105190.	7.8	59
11	Elastic MXene Hydrogel Microfiber-Derived Electronic Skin for Joint Monitoring. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 47800-47806.	4.0	26
12	Multifunctional Composite Inverse Opal Film with Multiactives for Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 4567-4573.	4.0	43
13	Cellular fluidic-based vascular networks for tissue engineering. <i>Engineered Regeneration</i> , 2021, 2, 171-174.	3.0	21
14	Hedgehog-inspired magnetic nanoparticles for effectively capturing and detecting exosomes. <i>NPG Asia Materials</i> , 2021, 13, .	3.8	10
15	The Construction and Application of Threeâ€Dimensional Biomaterials. <i>Advanced Biology</i> , 2020, 4, 1900238.	3.0	16
16	Stomatocyte structural color-barcode micromotors for multiplex assays. <i>National Science Review</i> , 2020, 7, 644-651.	4.6	56
17	Biohybrid robotics with living cell actuation. <i>Chemical Society Reviews</i> , 2020, 49, 4043-4069.	18.7	105
18	Liquid metal-integrated ultra-elastic conductive microfibers from microfluidics for wearable electronics. <i>Science Bulletin</i> , 2020, 65, 1752-1759.	4.3	83

#	ARTICLE	IF	CITATIONS
19	Bioinspired Stretchable, Adhesive, and Conductive Structural Color Film for Visually Flexible Electronics. <i>Advanced Functional Materials</i> , 2020, 30, 2000151.	7.8	153
20	Bioinspired Helical Micromotors as Dynamic Cell Microcarriers. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 16097-16103.	4.0	54
21	Construction of Infrared-Light-Responsive Photoinduced Carriers Driver for Enhanced Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2020, 32, e1906361.	11.1	131
22	Bio-inspired multicomponent carbon nanotube microfibers from microfluidics for supercapacitor. <i>Chemical Engineering Journal</i> , 2020, 397, 125517.	6.6	28
23	Bioinspired Adhesive and Antibacterial Microneedles for Versatile Transdermal Drug Delivery. <i>Research</i> , 2020, 2020, 3672120.	2.8	103
24	Biomimetic intestinal barrier based on microfluidic encapsulated sucralfate microcapsules. <i>Science Bulletin</i> , 2019, 64, 1418-1425.	4.3	50
25	Cold-Responsive Nanocapsules Enable the Sole Cryoprotectant Trehalose Cryopreservation of $\beta^2$ Cell-Laden Hydrogels for Diabetes Treatment. <i>Small</i> , 2019, 15, e1904290.	5.2	36
26	Flexible Ferrofluids: Design and Applications. <i>Advanced Materials</i> , 2019, 31, e1903497.	11.1	111
27	NK-Cell-Encapsulated Porous Microspheres via Microfluidic Electrospray for Tumor Immunotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 33716-33724.	4.0	63
28	Micromotors from Microfluidics. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2417-2430.	1.7	14
29	Photocatalysts: Construction of Self-Healing Internal Electric Field for Sustainably Enhanced Photocatalysis (Adv. Funct. Mater. 16/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970105.	7.8	2
30	Conductive Polymer Hydrogel Microfibers from Multiflow Microfluidics. <i>Small</i> , 2019, 15, e1805162.	5.2	59
31	Spinning and Applications of Bioinspired Fiber Systems. <i>ACS Nano</i> , 2019, 13, 2749-2772.	7.3	151
32	Cardiomyocytes-Actuated Morpho Butterfly Wings. <i>Advanced Materials</i> , 2019, 31, e1805431.	11.1	129
33	Porous scaffolds from droplet microfluidics for prevention of intrauterine adhesion. <i>Acta Biomaterialia</i> , 2019, 84, 222-230.	4.1	60
34	All-Aqueous-Phase Microfluidics for Cell Encapsulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 4826-4832.	4.0	99
35	Construction of Self-Healing Internal Electric Field for Sustainably Enhanced Photocatalysis. <i>Advanced Functional Materials</i> , 2019, 29, 1807934.	7.8	64
36	Microfluidic Electrospray Niacin Metal-Organic Frameworks Encapsulated Microcapsules for Wound Healing. <i>Research</i> , 2019, 2019, 6175398.	2.8	111

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37	Microfluidic Generation of Microsprings with Ionic Liquid Encapsulation for Flexible Electronics. Research, 2019, 2019, 6906275.	2.8	60
38	Egg Component-Composited Inverse Opal Particles for Synergistic Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 17058-17064.	4.0	22
39	Bioinspired living structural color hydrogels. Science Robotics, 2018, 3, .	9.9	444
40	Microfluidic Generation of Bioinspired Spindle-Knotted Graphene Microfibers for Oil Absorption. ChemPhysChem, 2018, 19, 1990-1994.	1.0	22
41	Bio-Inspired Anisotropic Wettability Surfaces from Dynamic Ferrofluid Assembled Templates. Advanced Functional Materials, 2018, 28, 1705802.	7.8	76
42	Peanut-inspired anisotropic microparticles from microfluidics. Composites Communications, 2018, 10, 129-135.	3.3	9
43	Design of capillary microfluidics for spinning cell-laden microfibers. Nature Protocols, 2018, 13, 2557-2579.	5.5	152
44	Vitamin metal-organic framework-laden microfibers from microfluidics for wound healing. Materials Horizons, 2018, 5, 1137-1142.	6.4	105
45	Composite Multifunctional Micromotors from Droplet Microfluidics. ACS Applied Materials & Interfaces, 2018, 10, 34618-34624.	4.0	42
46	Graphene oxide hydrogel particles from microfluidics for oil decontamination. Journal of Colloid and Interface Science, 2018, 528, 372-378.	5.0	16
47	Wound Healing: Bioinspired Multifunctional Hybrid Hydrogel Promotes Wound Healing (Adv. Funct. Tj ETQq1 1 0.784314 rgBT /Overlo 7.8 259	7.8	259
48	Bioinspired Multifunctional Hybrid Hydrogel Promotes Wound Healing. Advanced Functional Materials, 2018, 28, 1801386.	7.8	263
49	Hierarchically porous composite microparticles from microfluidics for controllable drug delivery. Nanoscale, 2018, 10, 12595-12604.	2.8	41
50	Bioinspired Multifunctional Spindle-Knotted Microfibers from Microfluidics. Small, 2017, 13, 1600286.	5.2	101
51	Bioinspired Helical Microfibers from Microfluidics. Advanced Materials, 2017, 29, 1605765.	11.1	222
52	Bioinspired Heterogeneous Structural Color Stripes from Capillaries. Advanced Materials, 2017, 29, 1704569.	11.1	123
53	Microfluidic Lithography of Bioinspired Helical Micromotors. Angewandte Chemie - International Edition, 2017, 56, 12127-12131.	7.2	126
54	Bio-inspired stimuli-responsive graphene oxide fibers from microfluidics. Journal of Materials Chemistry A, 2017, 5, 15026-15030.	5.2	54

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55	Microfluidic Lithography of Bioinspired Helical Micromotors. <i>Angewandte Chemie</i> , 2017, 129, 12295-12299.	1.6	37
56	Tubular inverse opal scaffolds for biomimetic vessels. <i>Nanoscale</i> , 2016, 8, 13574-13580.	2.8	28
57	Controlled Fabrication of Bioactive Microfibers for Creating Tissue Constructs Using Microfluidic Techniques. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 1080-1086.	4.0	119
58	Osmotic pressure-triggered cavitation in microcapsules. <i>Lab on A Chip</i> , 2016, 16, 251-255.	3.1	29
59	Microfluidic Generation of Porous Microcarriers for Three-Dimensional Cell Culture. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 27035-27039.	4.0	69