

# Jingjiao Guan

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,329  
citations

430874

18  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific labelling of phagosome-derived vesicles in macrophages with a membrane dye delivered with microfabricated microparticles. <i>Acta Biomaterialia</i> , 2022, 141, 344-353.	8.3	4
2	DNA Nanomachines for Identifying Cancer Biomarkers in Body Fluids and Cells. <i>Analytical Chemistry</i> , 2021, 93, 1855-1865.	6.5	31
3	Controlled Fabrication of DNA Molecular Templates for <i>In Situ</i> Formation and Measurement of Ultrathin Metal Nanostructures. <i>Nano Letters</i> , 2020, 20, 8135-8140.	9.1	1
4	Conjugating Micropatches to Living Cells Through Membrane Intercalation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 29110-29121.	8.0	3
5	Functionalization of Brain Region-specific Spheroids with Isogenic Microglia-like Cells. <i>Scientific Reports</i> , 2019, 9, 11055.	3.3	119
6	Nanocarbon Materials: Microcontact Printing with Laser Direct Writing Carbonization for Facile Fabrication of Carbon-Based Ultrathin Disk Arrays and Ordered Holey Films (Small 44/2019). <i>Small</i> , 2019, 15, 1970237.	10.0	0
7	Microcontact Printing with Laser Direct Writing Carbonization for Facile Fabrication of Carbon-Based Ultrathin Disk Arrays and Ordered Holey Films. <i>Small</i> , 2019, 15, e1902819.	10.0	5
8	Green Emitting Single-Crystalline Bulk Assembly of Metal Halide Clusters with Near-Unity Photoluminescence Quantum Efficiency. <i>ACS Energy Letters</i> , 2019, 4, 1579-1583.	17.4	117
9	Development of a microdevice-based human mesenchymal stem cell-mediated drug delivery system. <i>Biomaterials Science</i> , 2019, 7, 2348-2357.	5.4	14
10	Cell population balance of cardiovascular spheroids derived from human induced pluripotent stem cells. <i>Scientific Reports</i> , 2019, 9, 1295.	3.3	23
11	Single cell patterning for high throughput sub-cellular toxicity assay. <i>Analytica Chimica Acta</i> , 2018, 1007, 26-32.	5.4	12
12	Highly Efficient Spectrally Stable Red Perovskite Light-Emitting Diodes. <i>Advanced Materials</i> , 2018, 30, e1707093.	21.0	184
13	Light-Emitting Diodes: Highly Efficient Spectrally Stable Red Perovskite Light-Emitting Diodes (Adv.) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	21.0	7
14	Fabrication of carbon nanotube-laden microdevices for Raman labeling of macrophages. <i>Biomedical Physics and Engineering Express</i> , 2017, 3, 025012.	1.2	4
15	Catalase-Laden Microdevices for Cell-Mediated Enzyme Delivery. <i>Langmuir</i> , 2016, 32, 13386-13393.	3.5	14
16	Neural patterning of human induced pluripotent stem cells in 3-D cultures for studying biomolecule-directed differential cellular responses. <i>Acta Biomaterialia</i> , 2016, 42, 114-126.	8.3	43
17	Enhanced Radiation Therapy with Multilayer Microdisks Containing Radiosensitizing Gold Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 4518-4524.	8.0	28
18	Asymmetric Biodegradable Microdevices for Cell-Borne Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 6293-6299.	8.0	28

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19	Facile functionalization and assembly of live cells with microcontact-printed polymeric biomaterials. <i>Acta Biomaterialia</i> , 2015, 11, 80-87.	8.3	21
20	Gel electrophoresis and Raman mapping for determining the length distribution of SWCNTs. <i>RSC Advances</i> , 2014, 4, 37070-37078.	3.6	3
21	Gold nanoparticle-packed microdisks for multiplex Raman labelling of cells. <i>Nanoscale</i> , 2014, 6, 8762-8768.	5.6	20
22	Materials Integration by Nanointaglio. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300127.	3.7	12
23	Top-Down Fabrication of Polyelectrolyte-Thermoplastic Hybrid Microparticles for Unidirectional Drug Delivery to Single Cells. <i>Advanced Healthcare Materials</i> , 2013, 2, 540-545.	7.6	28
24	GUIDED ASSEMBLY BY SURFACE CONTROLLED DEWETTING AND EVAPORATION. , 2012, , 351-376.		0
25	Microcontact printing of polyelectrolytes on PEG using an unmodified PDMS stamp for micropatterning nanoparticles, DNA, proteins and cells. <i>Soft Matter</i> , 2012, 8, 7630.	2.7	31
26	Fabrication of Multilayered Microparticles by Integrating Layer-by-Layer Assembly and MicroContact Printing. <i>Small</i> , 2011, 7, 2998-3004.	10.0	39
27	Fabrication of Particulate Reservoir-Containing, Capsulelike, and Self-Folding Polymer Microstructures for Drug Delivery. <i>Small</i> , 2007, 3, 412-418.	10.0	90
28	Fabrication of polymeric microparticles for drug delivery by soft lithography. <i>Biomaterials</i> , 2006, 27, 4034-4041.	11.4	102
29	An oral delivery device based on self-folding hydrogels. <i>Journal of Controlled Release</i> , 2006, 110, 339-346.	9.9	135
30	Electrokinetic interactions in microscale cross-slot flow. <i>Applied Physics Letters</i> , 2005, 87, 244105.	3.3	8
31	Self-Folding of Three-Dimensional Hydrogel Microstructures. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23134-23137.	2.6	168
32	Polymer Microparticles Fabricated by Soft Lithography. <i>Chemistry of Materials</i> , 2005, 17, 6227-6229.	6.7	35