Jingjiao Guan

List of Publications by Year in descending order

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32	1,329	430874	454955
papers	citations	18 h-index	30 g-index

32	32	32	2142
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Efficient Spectrally Stable Red Perovskite Lightâ€Emitting Diodes. Advanced Materials, 2018, 30, e1707093.	21.0	184
2	Self-Folding of Three-Dimensional Hydrogel Microstructures. Journal of Physical Chemistry B, 2005, 109, 23134-23137.	2.6	168
3	An oral delivery device based on self-folding hydrogels. Journal of Controlled Release, 2006, 110, 339-346.	9.9	135
4	Functionalization of Brain Region-specific Spheroids with Isogenic Microglia-like Cells. Scientific Reports, 2019, 9, 11055.	3.3	119
5	Green Emitting Single-Crystalline Bulk Assembly of Metal Halide Clusters with Near-Unity Photoluminescence Quantum Efficiency. ACS Energy Letters, 2019, 4, 1579-1583.	17.4	117
6	Fabrication of polymeric microparticles for drug delivery by soft lithography. Biomaterials, 2006, 27, 4034-4041.	11.4	102
7	Fabrication of Particulate Reservoir-Containing, Capsulelike, and Self-Folding Polymer Microstructures for Drug Delivery. Small, 2007, 3, 412-418.	10.0	90
8	Neural patterning of human induced pluripotent stem cells in 3-D cultures for studying biomolecule-directed differential cellular responses. Acta Biomaterialia, 2016, 42, 114-126.	8.3	43
9	Fabrication of Multilayered Microparticles by Integrating Layerâ€byâ€Layer Assembly and MicroContact Printing. Small, 2011, 7, 2998-3004.	10.0	39
10	Polymer Microparticles Fabricated by Soft Lithography. Chemistry of Materials, 2005, 17, 6227-6229.	6.7	35
11	Microcontact printing of polyelectrolytes on PEG using an unmodified PDMS stamp for micropatterning nanoparticles, DNA, proteins and cells. Soft Matter, 2012, 8, 7630.	2.7	31
12	DNA Nanomachines for Identifying Cancer Biomarkers in Body Fluids and Cells. Analytical Chemistry, 2021, 93, 1855-1865.	6.5	31
13	Topâ€Down Fabrication of Polyelectrolyteâ€Thermoplastic Hybrid Microparticles for Unidirectional Drug Delivery to Single Cells. Advanced Healthcare Materials, 2013, 2, 540-545.	7.6	28
14	Enhanced Radiation Therapy with Multilayer Microdisks Containing Radiosensitizing Gold Nanoparticles. ACS Applied Materials & Interfaces, 2015, 7, 4518-4524.	8.0	28
15	Asymmetric Biodegradable Microdevices for Cell-Borne Drug Delivery. ACS Applied Materials & Interfaces, 2015, 7, 6293-6299.	8.0	28
16	Cell population balance of cardiovascular spheroids derived from human induced pluripotent stem cells. Scientific Reports, 2019, 9, 1295.	3.3	23
17	Facile functionalization and assembly of live cells with microcontact-printed polymeric biomaterials. Acta Biomaterialia, 2015, 11, 80-87.	8.3	21
18	Gold nanoparticle-packed microdisks for multiplex Raman labelling of cells. Nanoscale, 2014, 6, 8762-8768.	5.6	20

#	Article	IF	Citations
19	Catalase-Laden Microdevices for Cell-Mediated Enzyme Delivery. Langmuir, 2016, 32, 13386-13393.	3.5	14
20	Development of a microdevice-based human mesenchymal stem cell-mediated drug delivery system. Biomaterials Science, 2019, 7, 2348-2357.	5.4	14
21	Materials Integration by Nanointaglio. Advanced Materials Interfaces, 2014, 1, 1300127.	3.7	12
22	Single cell patterning for high throughput sub-cellular toxicity assay. Analytica Chimica Acta, 2018, 1007, 26-32.	5.4	12
23	Electrokinetic interactions in microscale cross-slot flow. Applied Physics Letters, 2005, 87, 244105.	3.3	8
24	Light-Emitting Diodes: Highly Efficient Spectrally Stable Red Perovskite Light-Emitting Diodes (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	21.0	7
25	Microcontact Printing with Laser Direct Writing Carbonization for Facile Fabrication of Carbonâ€Based Ultrathin Disk Arrays and Ordered Holey Films. Small, 2019, 15, e1902819.	10.0	5
26	Fabrication of carbon nanotube-laden microdevices for Raman labeling of macrophages. Biomedical Physics and Engineering Express, 2017, 3, 025012.	1.2	4
27	Specific labelling of phagosome-derived vesicles in macrophages with a membrane dye delivered with microfabricated microparticles. Acta Biomaterialia, 2022, 141, 344-353.	8.3	4
28	Gel electrophoresis and Raman mapping for determining the length distribution of SWCNTs. RSC Advances, 2014, 4, 37070-37078.	3.6	3
29	Conjugating Micropatches to Living Cells Through Membrane Intercalation. ACS Applied Materials & Interfaces, 2020, 12, 29110-29121.	8.0	3
30	Controlled Fabrication of DNA Molecular Templates for In Situ Formation and Measurement of Ultrathin Metal Nanostructures. Nano Letters, 2020, 20, 8135-8140.	9.1	1
31	GUIDED ASSEMBLY BY SURFACE CONTROLLED DEWETTING AND EVAPORATION. , 2012, , 351-376.		0
32	Nanocarbon Materials: Microcontact Printing with Laser Direct Writing Carbonization for Facile Fabrication of Carbonâ€Based Ultrathin Disk Arrays and Ordered Holey Films (Small 44/2019). Small, 2019, 15, 1970237.	10.0	0