

Hirotsada Hirama

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1541752/publications.pdf>

Version: 2024-02-01

13
papers

147
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically and magnetically dual-driven Janus particles for handwriting-enabled electronic paper. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	34
2	A lithography-free procedure for fabricating three-dimensional microchannels using hydrogel molds. <i>Biomedical Microdevices</i> , 2012, 14, 689-697.	2.8	22
3	Hyper Alginate Gel Microbead Formation by Molecular Diffusion at the Hydrogel/Droplet Interface. <i>Langmuir</i> , 2013, 29, 519-524.	3.5	22
4	Droplet formation behavior in a microfluidic device fabricated by hydrogel molding. <i>Microfluidics and Nanofluidics</i> , 2014, 17, 469-476.	2.2	18
5	Fabrication of Microfluidic Valves Using a Hydrogel Molding Method. <i>Scientific Reports</i> , 2015, 5, 13375.	3.3	11
6	One-to-one encapsulation based on alternating droplet generation. <i>Scientific Reports</i> , 2015, 5, 15196.	3.3	10
7	Surface modification of a glass microchannel for the formation of multiple emulsion droplets. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	10
8	Energy harvesting by ambient humidity variation with continuous milliampere current output and energy storage. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3570-3577.	4.9	9
9	Monodispersed sodium hyaluronate microcapsules for transdermal drug delivery systems. <i>Materials Advances</i> , 0, , .	5.4	5
10	Hyper-miniaturization of monodisperse alginateâ€TiO2 composite particles with densely packed TiO2 nanoparticles. <i>Microfluidics and Nanofluidics</i> , 2014, 17, 217-224.	2.2	3
11	Coreâ€Shell Structure Formation from Droplets by Droplet Shrinkage and Spontaneous Emulsification. <i>Chemistry Letters</i> , 2017, 46, 460-462.	1.3	3
12	Rapid Prototyping of a Nanoparticle Concentrator Using a Hydrogel Molding Method. <i>Polymers</i> , 2021, 13, 1069.	4.5	0
13	Characterization of Nanoparticle Adsorption on Polydimethylsiloxane-Based Microchannels. <i>Sensors</i> , 2021, 21, 1978.	3.8	0