Hirotada Hirama

List of Publications by Year
in descending order

13	147	1307594 7	1372567 10
papers	citations	h-index	g-index

13	13	13	242
all docs	docs citations	times ranked	citing authors

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