

Wei Wang

List of Publications by Year in descending order

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papers

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932766

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1281420

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11
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docs citations

11
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813
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow-through functionalized PDMS microfluidic channels with dextran derivative for ELISAs. Lab on A Chip, 2009, 9, 1243.	3.1	114
2	On-demand microfluidic droplet trapping and fusion for on-chip static droplet assays. Lab on A Chip, 2009, 9, 1504.	3.1	108
3	On-demand droplet release for droplet-based microfluidic system. Lab on A Chip, 2010, 10, 559.	3.1	59
4	Electrical transport and photovoltaic effects of core-shell CuO/C60nanowire heterostructure. Nanotechnology, 2009, 20, 065203.	1.3	50
5	Highly sensitive poly[glycidyl methacrylate-co-poly(ethylene glycol) methacrylate] brush-based flow-through microarray immunoassay device. Biomedical Microdevices, 2011, 13, 769-777.	1.4	38
6	Converting steady laminar flow to oscillatory flow through a hydroelasticity approach at microscales. Lab on A Chip, 2012, 12, 60-64.	3.1	34
7	Efficient On-Demand Compound Droplet Formation: From Microfluidics to Microdroplets as Miniaturized Laboratories. Small, 2009, 5, 1149-1152.	5.2	29
8	Towards high concentration enhancement of microfluidic temperature gradient focusing of sample solutes using combined AC and DC field induced Joule heating. Lab on A Chip, 2011, 11, 1396.	3.1	27
9	Droplet microfluidic preparation of au nanoparticles-coated chitosan microbeads for flow-through surface-enhanced Raman scattering detection. Microfluidics and Nanofluidics, 2010, 9, 1175-1183.	1.0	22
10	Bidirectional mediation of TiO2 nanowires field effect transistor by dipole moment from purple membrane. Nanoscale, 2010, 2, 1474.	2.8	15
11	Aeroelasticity-based fluid agitation for lab-on-chips. Lab on A Chip, 2013, 13, 1619.	3.1	6