Ming Pan

List of Publications by Year
in descending order

17	1,041	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	1861
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modified Microâ€Emulsion Synthesis of Highly Dispersed Al/PVDF Composites with Enhanced Combustion Properties. Advanced Engineering Materials, 2019, 21, 1801330.	3.5	28
2	Phenotyping antibiotic resistance with single-cell resolution for the detection of heteroresistance. Sensors and Actuators B: Chemical, 2018, 270, 396-404.	7.8	41
3	High-Efficiency and High-Throughput On-Chip Exchange of the Continuous Phase in Droplet Microfluidic Systems. SLAS Technology, 2017, 22, 529-535.	1.9	5
4	Amphiphilic nanoparticles suppress droplet break-up in a concentrated emulsion flowing through a narrow constriction. Biomicrofluidics, 2017, 11, 034117.	2.4	12
5	Encapsulation of Single Nanoparticle in Fast-Evaporating Micro-droplets Prevents Particle Agglomeration in Nanocomposites. ACS Applied Materials & Interfaces, 2017, 9, 26602-26609.	8.0	6
6	Methods to coalesce fluorinated Pickering emulsions. Analytical Methods, 2017, 9, 4622-4629.	2.7	8
7	Surface-functionalizable amphiphilic nanoparticles for pickering emulsions with designer fluidâ€“fluid interfaces. RSC Advances, 2016, 6, 39926-39932.	3.6	24
8	Low energy emulsion-based fermentation enabling accelerated methane mass transfer and growth of poly(3-hydroxybutyrate)-accumulating methanotrophs. Bioresource Technology, 2016, 207, 302-307.	9.6	35
9	Actuating Fluidâ€“Fluid Interfaces for the Reconfiguration of Light. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 444-455.	2.9	7
10	Optofluidic ultrahigh-throughput detection of fluorescent drops. Lab on A Chip, 2015, 15, 1417-1423.	6.0	57
11	Fluorinated Pickering Emulsions with Nonadsorbing Interfaces for Droplet-based Enzymatic Assays. Analytical Chemistry, 2015, 87, 7938-7943.	6.5	42
12	Fluorinated Pickering Emulsions Impede Interfacial Transport and Form Rigid Interface for the Growth of Anchorage-Dependent Cells. ACS Applied Materials & Interfaces, 2014, 6, 21446-21453.	8.0	74
13	Seeded growth of two-dimensional dendritic gold nanostructures. Chemical Communications, 2012, 48, 1440-1442.	4.1	30
14	Measuring Ensemble-Averaged Surface-Enhanced Raman Scattering in the Hotspots of Colloidal Nanoparticle Dimers and Trimers. Journal of the American Chemical Society, 2010, 132, 3644-3645.	13.7	382
15	Reducing the Symmetry of Bimetallic Au@Ag Nanoparticles by Exploiting Eccentric Polymer Shells. Journal of the American Chemical Society, 2010, 132, 9537-9539.	13.7	121
16	3D dendritic gold nanostructures: seeded growth of a multi-generation fractal architecture. Chemical Communications, 2010, 46, 7112.	4.1	51
17	Highly controlled core/shell structures: tunable conductive polymer shells on gold nanoparticles and nanochains. Journal of Materials Chemistry, 2009, 19, 3286.	6.7	118