

Xue-Hui Ge

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

647
citations

567281

15
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

685
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllable preparation of particles with microfluidics. <i>Particuology</i> , 2011, 9, 545-558.	3.6	110
2	Multi-functional micromotor: microfluidic fabrication and water treatment application. <i>Lab on A Chip</i> , 2017, 17, 4220-4224.	6.0	53
3	Multiphase Microfluidics: Fundamentals, Fabrication, and Functions. <i>Small</i> , 2020, 16, e1906357.	10.0	53
4	Controlled stimulation-burst targeted release by smart decentered core-shell microcapsules in gravity and magnetic field. <i>Lab on A Chip</i> , 2014, 14, 4451-4454.	6.0	38
5	A one-step microfluidic approach for controllable preparation of nanoparticle-coated patchy microparticles. <i>Microfluidics and Nanofluidics</i> , 2012, 13, 491-498.	2.2	37
6	Water-oil Janus emulsions: microfluidic synthesis and morphology design. <i>Soft Matter</i> , 2016, 12, 3425-3430.	2.7	33
7	Continuous synthesis of carbon dots with full spectrum fluorescence and the mechanism of their multiple color emission. <i>Lab on A Chip</i> , 2019, 19, 3974-3978.	6.0	33
8	Continuous-flow synthesis of azo dyes in a microreactor system. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 127, 43-49.	3.6	32
9	Microfluidic synthesis of quantum dots and their applications in bio-sensing and bio-imaging. <i>Nanoscale Advances</i> , 2021, 3, 2180-2195.	4.6	27
10	Continuous synthesis of Gabapentin with a microreaction system. <i>Chemical Engineering Science</i> , 2017, 173, 507-513.	3.8	26
11	A region-selective modified capillary microfluidic device for fabricating water-oil Janus droplets and hydrophilic-hydrophobic anisotropic microparticles. <i>RSC Advances</i> , 2015, 5, 46981-46988.	3.6	23
12	Four reversible and reconfigurable structures for three-phase emulsions: extended morphologies and applications. <i>Scientific Reports</i> , 2017, 7, 42738.	3.3	22
13	Microfluidic preparation and structure evolution of double emulsions with two-phase cores. <i>RSC Advances</i> , 2014, 4, 1900-1906.	3.6	21
14	Continuous-Flow Synthesis of Pigment Red 146 in a Microreactor System. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 16338-16347.	3.7	21
15	Large-scale Production of Ligand-Engineered Robust Lead Halide Perovskite Nanocrystals by a Droplet-Based Microreactor System. <i>Small</i> , 2022, 18, e2200740.	10.0	17
16	Microfluidic preparation of flexible micro-grippers with precise delivery function. <i>Lab on A Chip</i> , 2018, 18, 1838-1843.	6.0	16
17	Continuous-Flow Synthesis of the Azo Pigment Yellow 14 Using a Three-Stream Micromixing Process. <i>Organic Process Research and Development</i> , 2019, 23, 2637-2646.	2.7	15
18	Preparation of mint oil microcapsules by microfluidics with high efficiency and controllability in release properties. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	2.2	15

#	ARTICLE	IF	CITATIONS
19	Efficient synthesis of dodecylbenzene sulfonic acid in microreaction systems. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 149, 107858.	3.6	15
20	Efficient continuous-flow synthesis of long-chain alkylated naphthalene catalyzed by ionic liquids in a microreaction system. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1950-1960.	3.7	14
21	Smart Amphiphilic Janus Microparticles: One-Step Synthesis and Self-Assembly. <i>ChemPhysChem</i> , 2018, 19, 2009-2013.	2.1	13
22	Continuous-flow diazotization of red base KD hydrochloride suspensions in a microreaction system. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1462-1474.	3.7	7
23	The preparation of peppermint oil/2-hydroxypropyl- β -cyclodextrin/chitosan composite microcapsule and their prolonged retaining ability. <i>Microfluidics and Nanofluidics</i> , 2021, 25, 1.	2.2	3
24	Microfluidic-Generated Biopolymer Microparticles as Cargo Delivery Systems. <i>Advanced Materials Technologies</i> , 2022, 7, 2100733.	5.8	3