Zhandfeng Li

List of Publications by Year
in descending order

23	614	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	724
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-stimuli responsive smart chitosan-based microcapsules for targeted drug delivery and triggered drug release. Ultrasonics Sonochemistry, 2017, 38, 145-153.	8.2	67
2	Sonochemical fabrication of inorganic nanoparticles for applications in catalysis. Ultrasonics Sonochemistry, 2021, 71, 105384.	8.2	58
3	Folic acid functionalized reduction-responsive magnetic chitosan nanocapsules for targeted delivery and triggered release of drugs. Carbohydrate Polymers, 2017, 168, 282-289.	10.2	57
4	Synthesis and characterization of monodisperse magnetic Fe3O4@BSA coreâ€“shell nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 1145-1151.	4.7	41
5	Sonochemical catalysis as a unique strategy for the fabrication of nano-/micro-structured inorganics. Nanoscale Advances, 2021, 3, 41-72.	4.6	37
6	Sonochemical fabrication of magnetic reduction-responsive alginate-based microcapsules for drug delivery. International Journal of Biological Macromolecules, 2020, 155, 42-49.	7.5	36
7	Sonochemical Fabrication of Dual-Targeted Redox-Responsive Smart Microcarriers. ACS Applied Materials & Interfaces, 2014, 6, 22166-22173.	8.0	35
8	Synthesis of folic acid functionalized redox-responsive magnetic proteinous microcapsules for targeted drug delivery. Journal of Colloid and Interface Science, 2015, 450, 325-331.	9.4	31
9	Sonochemistryâ€Assembled Stimuliâ€Responsive Polymer Microcapsules for Drug Delivery. Advanced Healthcare Materials, 2018, 7, e1701326.	7.6	31
10	Fabrication of folic acid decorated reductive-responsive starch-based microcapsules for targeted drug delivery via sonochemical method. Carbohydrate Polymers, 2018, 200, 508-515.	10.2	28
11	Ultrasonic-assisted fabrication and release kinetics of two model redox-responsive magnetic microcapsules for hydrophobic drug delivery. Ultrasonics Sonochemistry, 2019, 57, 223-232.	8.2	27
12	Synthesis of multifunctional bovine serum albumin microcapsules by the sonochemical method for targeted drug delivery and controlled drug release. Colloids and Surfaces B: Biointerfaces, 2015, 136, 470-478.	5.0	26
13	Preparation of protein microcapsules with narrow size distribution by sonochemical method. Colloid and Polymer Science, 2013, 291, 2271-2278.	2.1	23
14	Preparation of magnetic and pH-responsive chitosan microcapsules via sonochemical method. Journal of Microencapsulation, 2016, 33, 191-198.	2.8	16
15	Preparation of chitosan-modified magnetic Schiff base network composite nanospheres for effective enrichment and detection of hippuric acid and 4-methyl hippuric acid. Journal of Chromatography A, 2021, 1652, 462373.	3.7	16
16	Natural Silk Fibroin Based on Aggregation-Induced Emission with a Clustering-Triggered Mechanism and Its Multiple Applications. ACS Sustainable Chemistry and Engineering, 2021, 9, 12043-12048.	6.7	16
17	A power-triggered preparation strategy of nano-structured inorganics: sonosynthesis. Nanoscale Advances, 2021, 3, 2423-2447.	4.6	15
18	Facile sonochemistry-assisted assembly of the water-loving drug-loaded micro-organogel with thermo- and redox-sensitive behavior. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 561, 47-56.	4.7	12

#	Article	IF	Citations
19	Sono-catalysis preparation and alternating magnetic field/glutathione-triggered drug release kinetics of core-shell magnetic micro-organogel. Composites Science and Technology, 2022, 218, 109198.	7.8	11
20	Investigation on raspberry-like magnetic-hollow silica nanospheres and its preliminary application for drug delivery. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	9
21	Thermoresponsive gel for sustained release of BMP4 to inhibit corneal neovascularization. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111167.	5.0	8
22	Thermo/glutathione-sensitive release kinetics of heterogeneous magnetic micro-organogel prepared by sono-catalysis. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112109.	5.0	7
23	Update of ultrasound-assembling fabrication and biomedical applications for heterogeneous polymer composites. Advances in Colloid and Interface Science, 2022, 305, 102683.	14.7	7