

# Xinlong Fan

## List of Publications by Year in descending order

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29  
papers

755  
citations

623734

14  
h-index

526287

27  
g-index

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29  
docs citations

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times ranked

914  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of bovine serum albumin surface-imprinted thermosensitive magnetic polymer microsphere and its application for protein recognition. <i>Biosensors and Bioelectronics</i> , 2014, 51, 261-267.	10.1	152
2	One-pot hydrothermal synthesis of highly monodisperse water-dispersible hollow magnetic microspheres and construction of photonic crystals. <i>Chemical Engineering Journal</i> , 2015, 259, 779-786.	12.7	71
3	Synthesis of BSA/Fe <sub>3</sub> O <sub>4</sub> magnetic composite microspheres for adsorption of antibiotics. <i>Materials Science and Engineering C</i> , 2013, 33, 4401-4408.	7.3	60
4	Synthesis of Raspberry-Like Poly(styrene- <i>g</i> -glycidyl methacrylate) Particles via a One-Step Soap-Free Emulsion Polymerization Process Accompanied by Phase Separation. <i>Langmuir</i> , 2013, 29, 11730-11741.	3.5	45
5	pH Feedback Lifecycles Programmed by Enzymatic Logic Gates Using Common Foods as Fuels. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11398-11405.	13.8	42
6	Preparation of thermoresponsive Fe <sub>3</sub> O <sub>4</sub> /P(acrylic acid- <i>g</i> -methyl methacrylate- <i>g</i> -N-isopropylacrylamide) magnetic composite microspheres with controlled shell thickness and its releasing property for phenolphthalein. <i>Journal of Colloid and Interface Science</i> , 2013, 398, 51-58.	9.4	38
7	Autonomous Transient pH Flips Shaped by Layered Compartmentalization of Antagonistic Enzymatic Reactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3619-3624.	13.8	37
8	Hydroxyl-Based Hyper-Cross-Linked Microporous Polymers and Their Excellent Performance for CO <sub>2</sub> Capture. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 17259-17265.	3.7	35
9	Hypercrosslinked polymers: controlled preparation and effective adsorption of aniline. <i>Journal of Materials Science</i> , 2016, 51, 8579-8592.	3.7	33
10	Tunable wettability of hierarchical structured coatings derived from one-step synthesized raspberry-like poly(styrene-acrylic acid) particles. <i>Polymer Chemistry</i> , 2015, 6, 703-713.	3.9	24
11	Magnetic microcapsules with inner asymmetric structure: Controlled preparation, mechanism, and application to drug release. <i>Chemical Engineering Journal</i> , 2015, 275, 235-244.	12.7	22
12	Facile fabrication of Fe <sub>3</sub> O <sub>4</sub> @PS/PGMA magnetic Janus particles via organic-inorganic dual phase separation. <i>RSC Advances</i> , 2014, 4, 27152.	3.6	21
13	Fabrication and characterization of controllable wrinkled-surface polymer microparticles. <i>Journal of Materials Science</i> , 2019, 54, 5852-5864.	3.7	17
14	Autonomous Transient pH Flips Shaped by Layered Compartmentalization of Antagonistic Enzymatic Reactions. <i>Angewandte Chemie</i> , 2021, 133, 3663-3668.	2.0	17
15	Synthesis and evaluation of N, O-doped hypercrosslinked polymers and their performance in CO <sub>2</sub> capture. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5025.	3.5	15
16	1D Colloidal chains: recent progress from formation to emergent properties and applications. <i>Chemical Society Reviews</i> , 2022, 51, 4023-4074.	38.1	15
17	A series of nanoparticles with phase-separated structures by 1,1-diphenylethene controlled one-step soap-free emulsion copolymerization and their application in drug release. <i>Nano Research</i> , 2017, 10, 2905-2922.	10.4	14
18	Fabrication of polymer capsules by an original multifunctional, active, amphiphilic macromolecule, and its application in preparing PCM microcapsules. <i>New Journal of Chemistry</i> , 2018, 42, 6457-6463.	2.8	14

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19	Colloidal particles with various glass transition temperatures: preparation, assembly, and the properties of stop bands under heat treatment. <i>Journal of Materials Science</i> , 2014, 49, 2653-2661.	3.7	11
20	pH Feedback Lifecycles Programmed by Enzymatic Logic Gates Using Common Foods as Fuels. <i>Angewandte Chemie</i> , 2021, 133, 11499-11506.	2.0	11
21	Quaternary ammonium functionalized Fe <sub>3</sub> O <sub>4</sub> @P(GMA-EGDMA) composite particles as highly efficient and dispersible catalysts for phase transfer reactions. <i>RSC Advances</i> , 2015, 5, 60691-60697.	3.6	10
22	Preparation of diamine-POSS/Ag hybrid microspheres and its application in epoxy resin. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	9
23	Facile fabrication of multihollow polymer microspheres via novel two-step assembly of P(St-co-nBA-co-AA) particles. <i>Colloid and Polymer Science</i> , 2015, 293, 993-1001.	2.1	9
24	One-Pot Synthesis of Highly Magnetically Sensitive Nanochains Coated with a Fluorescent Shell by Magnetic-Field-Induced Precipitation Polymerization. <i>Science of Advanced Materials</i> , 2013, 5, 623-629.	0.7	8
25	Synthesis of PS/Ag asymmetric hybrid particles via phase separation and self-assembly. <i>Particuology</i> , 2013, 11, 768-775.	3.6	7
26	Regulating the size and molecular weight of polymeric particles by 1,1-diphenylethene controlled soap-free emulsion polymerization. <i>RSC Advances</i> , 2015, 5, 95183-95190.	3.6	7
27	Preparation of SiO <sub>2</sub> /TiO <sub>2</sub> Janus particles by electrostatic assembly, hydrolysis and calcination. <i>Particuology</i> , 2013, 11, 574-580.	3.6	5
28	Preparation of inner asymmetric composite microspheres. <i>Polymer International</i> , 2012, 61, 990-993.	3.1	3
29	Preparation and assembly performance of colloidal particles of photonic crystals with controlled photonic band gaps. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	3