Yifeng Wang

List of Publications by Year
in descending order

49 papers	1,298 citations	331670 21 h-index	361022 35 g-index
49 all docs	49 docs citations	49 times ranked	1755 citing authors

#	Article	IF	Citations
1	Fabrication of Silver Nanoclusters and Nanocomposite Films Based on Coordinated Electrodeposition of Carboxymethyl Cellulose. Macromolecular Materials and Engineering, 2022, 307, .	3.6	2
2	Electrodeposited Alginateâ€Based Green Synthesis of CuS Nanoparticles and Nanocomposite Films for Electrochemical and Colorimetric Detection. Macromolecular Materials and Engineering, 2022, 307, .	3.6	4
3	Thermal-responsive Photonic Crystals based on Physically Cross-linked Inverse Opal Nanocomposite Hydrogels. Journal Wuhan University of Technology, Materials Science Edition, 2021, 36, 289-296.	1.0	4
4	Chitosan capsules with hydrogel core for encapsulation and controlled-release of small molecule materials. Materials Letters, 2020, 278, 128348.	2.6	9
5	Nanocomposite Polymer Hydrogels Reinforced by Carbon Dots and Hectorite Clay. Journal Wuhan University of Technology, Materials Science Edition, 2020, 35, 287-292.	1.0	9
6	ZnS Quantum Dots/Gelatin Nanocomposites with a Thermo-Responsive Solâ€"Gel Transition Property Produced by a Facile and Green One-Pot Method. ACS Sustainable Chemistry and Engineering, 2020, 8, 4346-4352.	6.7	12
7	Oneâ€Step Microwave Approach to Generate Carbon Dots/Gelatin Composite with Both Thermoresponsive Solâ€"Gel Transition and Fluorescence Properties. Macromolecular Materials and Engineering, 2020, 305, 2000035.	3.6	5
8	In situ generation of silver nanoparticles and nanocomposite films based on electrodeposition of carboxylated chitosan. Carbohydrate Polymers, 2020, 242, 116391.	10.2	27
9	Convenient one-step approach based on stimuli-responsive sol-gel transition properties to directly build chitosan-alginate core-shell beads. Food Hydrocolloids, 2019, 87, 253-259.	10.7	27
10	Formation of Copolymer-Ag Nanoparticles Composite Micelles in Three-dimensional Co-flow Focusing Microfluidic Device. Journal Wuhan University of Technology, Materials Science Edition, 2019, 34, 1259-1265.	1.0	0
11	Direct Generation of Mnâ€Doped ZnS Quantum Dots/Alginate Nanocomposite Beads Based on Gelation and In Situ Synthesis of Quantum Dots. Macromolecular Materials and Engineering, 2019, 304, 1800681.	3.6	4
12	Self-assembly of fluorinated gradient copolymer in three-dimensional co-flow focusing microfluidic. Journal of Colloid and Interface Science, 2018, 526, 75-82.	9.4	11
13	Direct electrodeposition of carboxymethyl cellulose based on coordination deposition method. Cellulose, 2018, 25, 105-115.	4.9	12
14	Hydrogel Cryopreservation System: An Effective Method for Cell Storage. International Journal of Molecular Sciences, 2018, 19, 3330.	4.1	46
15	Self-assembly of Gradient Copolymer Synthesized by Spontaneous Batch RAFT Emulsion Polymerization and Its Application on Encapsulating Ag Nanoparticles. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 987-994.	1.0	1
16	Electrodeposition of reduced graphene oxide with chitosan based on the coordination deposition method. Beilstein Journal of Nanotechnology, 2018, 9, 1200-1210.	2.8	5
17	Adsorption of Quaternized-chitosan-modified Reduced Graphene Oxide. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 967-973.	1.0	2
18	Destruction of chitosan capsules based on hostâ€"guest interaction and controllable release of encapsulated dyes. Journal of Applied Polymer Science, 2017, 134, 45229.	2.6	2

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19	Agar/gelatin bilayer gel matrix fabricated by simple thermo-responsive sol-gel transition method. Materials Science and Engineering C, 2017, 77, 293-299.	7.3	34
20	Mechanical properties and drug release of microcapsules containing quaternizedâ€chitosanâ€modified reduced graphene oxide in the capsular wall. Journal of Applied Polymer Science, 2017, 134, .	2.6	4
21	Layer-by-layer assembled biopolymer microcapsule with separate layer cavities generated by gas-liquid microfluidic approach. Materials Science and Engineering C, 2017, 81, 13-19.	7.3	18
22	Autoclave-free facile approach to the synthesis of highly tunable nanocrystal clusters for magnetic responsive photonic crystals. RSC Advances, 2016, 6, 64434-64440.	3.6	45
23	Electrodeposition of chitosan based on coordination with metal ions in situ-generated by electrochemical oxidation. Journal of Materials Chemistry B, 2016, 4, 3331-3338.	5.8	45
24	Amphiphilic gradient copolymers: Synthesis, self-assembly, and applications. European Polymer Journal, 2016, 85, 489-498.	5.4	29
25	Microbial Transglutaminase and Tyrosinase Modified Gelatin-Chitosan Material. Soft Materials, 2015, 13, 32-38.	1.7	11
26	Simple Approach to Generate Fluorescent Quantum Dots/Gelatin Composite with Thermo-responsive and Reversible Sol-gel Transition. Soft Materials, 2015, 13, 177-182.	1.7	2
27	Electrodeposition of chitosan/gelatin/nanosilver: A new method for constructing biopolymer/nanoparticle composite films with conductivity and antibacterial activity. Materials Science and Engineering C, 2015, 53, 222-228.	7.3	66
28	Electrodeposition of a carbon dots/chitosan composite produced by a simple in situ method and electrically controlled release of carbon dots. Journal of Materials Chemistry B, 2015, 3, 7511-7517.	5.8	17
29	CdS QDs-chitosan microcapsules with stimuli-responsive property generated by gasâ€"liquid microfluidic technique. Colloids and Surfaces B: Biointerfaces, 2015, 125, 21-27.	5.0	18
30	Synthesis of fluorinated gradient copolymers by RAFT emulsifier-free emulsion polymerization and their compatibilization in copolymer blends. Colloid and Polymer Science, 2014, 292, 2803-2809.	2.1	15
31	Electroaddressing of ZnS Quantum Dots by Codeposition with Chitosan to Construct Fluorescent and Patterned Device Surface. ACS Applied Materials & Interfaces, 2014, 6, 15510-15515.	8.0	17
32	Synthesis, characterization, and selfâ€assembly of amphiphilic fluorinated gradient copolymer. Journal of Applied Polymer Science, 2013, 127, 1485-1492.	2.6	22
33	Gelation of Vesicles and Nanoparticles Using Water-Soluble Hydrophobically Modified Chitosan. Langmuir, 2013, 29, 15302-15308.	3.5	29
34	Surface properties of polyurethanes modified by bioactive polysaccharide-based polyelectrolyte multilayers. Colloids and Surfaces B: Biointerfaces, 2012, 100, 77-83.	5.0	52
35	Biofabricating Multifunctional Soft Matter with Enzymes and Stimuliâ€Responsive Materials. Advanced Functional Materials, 2012, 22, 3004-3012.	14.9	54
36	Effect of annealing on self-organized gradient film obtained from poly(3-[tris(trimethylsilyloxy)silyl]) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 latexes. Colloid and Polymer Science, 2012, 290, 709-718.	2.1	16

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37	Synthesis and self-assembly of amphiphilic gradient copolymer via RAFT emulsifier-free emulsion polymerization. Journal of Colloid and Interface Science, 2012, 369, 46-51.	9.4	47
38	Preparation and characterization of gradient distribution of silicon in emulsion blend films. Colloid and Polymer Science, 2011, 289, 323-331.	2.1	3
39	Coupling Electrodeposition with Layerâ€byâ€Layer Assembly to Address Proteins within Microfluidic Channels. Advanced Materials, 2011, 23, 5817-5821.	21.0	83
40	Combination of Silica Sol and Potassium Silicate via Isothermal Heat Conduction Microcalorimetry. Chinese Journal of Chemistry, 2011, 29, 356-362.	4.9	1
41	Studies of mechanism of silica polymerization reactions in the combination of silica sol and potassium sodium waterglass via isothermal heat conduction microcalorimetry. Journal of Thermal Analysis and Calorimetry, 2010, 101, 959-964.	3.6	9
42	Preparation and structure of fluorinated/non-fluorinated polyacrylate gradient emulsion blend film. Materials Letters, 2010, 64, 2091-2093.	2.6	14
43	Surface modification on polyurethanes by using bioactive carboxymethylated fungal glucan from Poria cocos. Colloids and Surfaces B: Biointerfaces, 2010, 81, 629-633.	5.0	25
44	Chain conformation of carboxymethylated derivatives of (1â†'3)-Î²-d-glucan from Poria cocos sclerotium. Carbohydrate Polymers, 2006, 65, 504-509.	10.2	38
45	Chemical components and properties of core-shell acrylate latex containing fluorine in the shell and their films. Journal of Applied Polymer Science, 2006, 99, 107-114.	2.6	38
46	Investigation of fluorinated polyacrylate latex with core-shell structure. Polymer International, 2005, 54, 1027-1033.	3.1	59
47	Chemical components and molecular mass of six polysaccharides isolated from the sclerotium of Poria cocos. Carbohydrate Research, 2004, 339, 327-334.	2.3	127
48	Correlation of structure to antitumor activities of five derivatives of a Î²-glucan from Poria cocos sclerotium. Carbohydrate Research, 2004, 339, 2567-2574.	2.3	147
49	Study of self-crosslinking acrylate latex containing fluorine. Journal of Applied Polymer Science, 2003, 90, 3609-3616.	2.6	31