Qingqing Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

60	1,924	186254	265191
papers	citations	28 h-index	42 g-index

61	61	61	2380
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrafast gelation of multifunctional hydrogel/composite based on self-catalytic Fe3+/Tannic acid-cellulose nanofibers. Journal of Colloid and Interface Science, 2022, 606, 1457-1468.	9.4	37
2	In situ grown bacterial cellulose/MoS2 composites for multi-contaminant wastewater treatment and bacteria inactivation. Carbohydrate Polymers, 2022, 277, 118853.	10.2	19
3	Dual-functionalized luminescent/photodynamic composite fabrics: Synergistic antibacterial activity for self-disinfecting textiles. Applied Surface Science, 2022, 587, 152737.	6.1	10
4	Comparative study of different carbon materials for the preparation of knitted fabric sensors. Cellulose, 2022, 29, 7431-7444.	4.9	7
5	Porous protoporphyrin IX-embedded cellulose diacetate electrospun microfibers in antimicrobial photodynamic inactivation. Materials Science and Engineering C, 2021, 118, 111502.	7.3	20
6	Mussel-inspired double cross-linked hydrogels with desirable mechanical properties, strong tissue-adhesiveness, self-healing properties and antibacterial properties. Materials Science and Engineering C, 2021, 120, 111690.	7.3	18
7	Smart Textiles with Self-Disinfection and Photothermochromic Effects. ACS Applied Materials & Interfaces, 2021, 13, 2245-2255.	8.0	46
8	A plant-inspired long-lasting adhesive bilayer nanocomposite hydrogel based on redox-active Ag/Tannic acid-Cellulose nanofibers. Carbohydrate Polymers, 2021, 255, 117508.	10.2	77
9	Synergistic Photodynamic and Photothermal Antibacterial Activity of In Situ Grown Bacterial Cellulose/MoS₂-Chitosan Nanocomposite Materials with Visible Light Illumination. ACS Applied Materials & Interfaces, 2021, 13, 31193-31205.	8.0	51
10	â€œDew-of-Leafâ€•structure multiple synergetic antimicrobial modality hybrid: A rapid and long lasting bactericidal material. Chemical Engineering Journal, 2021, 416, 129072.	12.7	20
11	Light-driven self-disinfecting textiles functionalized by PCN-224 and Ag nanoparticles. Journal of Hazardous Materials, 2021, 416, 125786.	12.4	31
12	Highly Sensitive and Stretchable c-MWCNTs/PPy Embedded Multidirectional Strain Sensor Based on Double Elastic Fabric for Human Motion Detection. Nanomaterials, 2021, 11, 2333.	4.1	12
13	Biomimetic nanocomposite hydrogel networks for robust wet adhesion to tissues. Composites Part B: Engineering, 2021, 222, 109071.	12.0	29
14	Reaction modifier system enable double-network hydrogel electrolyte for flexible zinc-air batteries with tolerance to extreme cold conditions. Energy Storage Materials, 2021, 42, 88-96.	18.0	81
15	Nature-Inspired Hydrogel Network for Efficient Tissue-Specific Underwater Adhesive. ACS Applied Materials & Interfaces, 2021, 13, 59761-59771.	8.0	26
16	Photoinactivation of bacteria by hypocrellin-grafted bacterial cellulose. Cellulose, 2020, 27, 991-1007.	4.9	22
17	Color-Variable Photodynamic Antimicrobial Wool/Acrylic Blended Fabrics. Materials, 2020, 13, 4141.	2.9	6
18	Multifunctional Wearable Strain Sensor Made with an Elastic Interwoven Fabric for Patients with Motor Dysfunction. Advanced Materials Technologies, 2020, 5, 2000560.	5.8	21

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19	Mussel-inspired sandwich-like nanofibers/hydrogel composite with super adhesive, sustained drug release and anti-infection capacity. Chemical Engineering Journal, 2020, 399, 125668.	12.7	54
20	Synthesized OH-radical rich bacteria cellulosic pockets with photodynamic bacteria inactivation properties against S. ureus and E. coli. Materials Science and Engineering C, 2020, 116, 111230.	7.3	4
21	Hierarchical porous nanofibers containing thymol/beta-cyclodextrin: Physico-chemical characterization and potential biomedical applications. Materials Science and Engineering C, 2020, 115, 111155.	7.3	40
22	Insight into light-driven antibacterial cotton fabrics decorated by in situ growth strategy. Journal of Colloid and Interface Science, 2020, 579, 233-242.	9.4	29
23	A Novel Multilayer Composite Membrane for Wound Healing in Mice Skin Defect Model. Polymers, 2020, 12, 573.	4.5	13
24	TiO2 Sol-Gel Coated PAN/O-MMT Multi-Functional Composite Nanofibrous Membrane Used as the Support for Laccase Immobilization: Synergistic Effect between the Membrane Support and Enzyme for Dye Degradation. Polymers, 2020, 12, 139.	4.5	20
25	FRET as a novel strategy to enhance the singlet oxygen generation of porphyrinic MOF decorated self-disinfecting fabrics. Chemical Engineering Journal, 2020, 395, 125012.	12.7	52
26	Carbon quantum dots: A bright future as photosensitizers for in vitro antibacterial photodynamic inactivation. Journal of Photochemistry and Photobiology B: Biology, 2020, 206, 111864.	3.8	74
27	Wool/Acrylic Blended Fabrics as Next-Generation Photodynamic Antimicrobial Materials. ACS Applied Materials & Interfaces, 2019, 11, 29557-29568.	8.0	49
28	Nanosonosensitization by Using Copperâ€“Cysteamine Nanoparticles Augmented Sonodynamic Cancer Treatment. Particle and Particle Systems Characterization, 2018, 35, 1700378.	2.3	47
29	Porphyrin-based porous polyimide polymer/Pd nanoparticle composites as efficient catalysts for Suzukiâ€“Miyaura coupling reactions. Polymer Chemistry, 2018, 9, 1430-1438.	3.9	43
30	Protoporphyrin-IX conjugated cellulose nanofibers that exhibit high antibacterial photodynamic inactivation efficacy. Nanotechnology, 2018, 29, 265601.	2.6	45
31	Protoporphyrin IX conjugated bacterial cellulose via diamide spacer arms with specific antibacterial photodynamic inactivation against Escherichia coli. Cellulose, 2018, 25, 1673-1686.	4.9	29
32	Graphene Oxide/Polyester Fabric Composite by Electrostatic Self-Assembly as a New Recyclable Adsorbent for the Removal of Methylene Blue. Fibers and Polymers, 2018, 19, 1726-1734.	2.1	1
33	Photooxidation Properties of Photosensitizer/Direct Dye Patterned Polyester/Cotton Fabrics. Fibers and Polymers, 2018, 19, 1687-1693.	2.1	20
34	Iron nanoparticles in capsules: derived from mesoporous silica-protected Prussian blue microcubes for efficient selenium removal. Chemical Communications, 2018, 54, 5887-5890.	4.1	24
35	Nanocomposites prepared by electrohydrodynamics and their drug release properties. Materials Science and Engineering C, 2018, 91, 26-35.	7.3	22
36	Preparation of photodynamic P(MMA-co-MAA) composite nanofibers doped with MMT: A facile method for increasing antimicrobial efficiency. Applied Surface Science, 2018, 457, 247-255.	6.1	34

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37	Laccase-immobilized bacterial cellulose/TiO2 functionalized composite membranes: Evaluation for photo- and bio-catalytic dye degradation. Journal of Membrane Science, 2017, 525, 89-98.	8.2	111
38	Biosynthesis of Bacterial Cellulose/Carboxylic Multi-Walled Carbon Nanotubes for Enzymatic Biofuel Cell Application. Materials, 2016, 9, 183.	2.9	31
39	Sol-Gel Synthesis of Carbon Xerogel-ZnO Composite for Detection of Catechol. Materials, 2016, 9, 282.	2.9	11
40	Preparation of Pd/Bacterial Cellulose Hybrid Nanofibers for Dopamine Detection. Molecules, 2016, 21, 618.	3.8	32
41	Parallel detection experiment of fluorescence confocal microscopy using DMD. Scanning, 2016, 38, 234-239.	1.5	10
42	Preparation of bacterial cellulose/carbon nanotube nanocomposite for biological fuel cell. Fibers and Polymers, 2016, 17, 1858-1865.	2.1	14
43	Preparation and characterization of electrospun polyvinyl alcoholstyrylpyridinium/Î²-cyclodextrin composite nanofibers: Release behavior and potential use for wound dressing. Fibers and Polymers, 2016, 17, 1835-1841.	2.1	17
44	Sulfanilic acid inspired self-assembled fibrous materials. Colloid and Polymer Science, 2016, 294, 1483-1494.	2.1	0
45	Design of Dynamic Gain Equalizer With H-PDLC Reflection Gratings Doped With Ag Nanoparticles. IEEE Photonics Technology Letters, 2015, 27, 1048-1051.	2.5	7
46	Preparation of a graphene-loaded carbon nanofiber composite with enhanced graphitization and conductivity for biosensing applications. RSC Advances, 2015, 5, 30602-30609.	3.6	15
47	Effects of Imidization Temperature on the Structure and Properties of Electrospun Polyimide Nanofibers. Journal of Engineered Fibers and Fabrics, 2014, 9, 155892501400900.	1.0	3
48	Laccase Immobilization by Chelated Metal Ion Coordination Chemistry. Polymers, 2014, 6, 2357-2370.	4.5	33
49	Atom efficient thermal and photocuring combined treatments for the synthesis of novel eco-friendly grid-like zein nanofibres. RSC Advances, 2014, 4, 61573-61579.	3.6	7
50	A one-pot biosynthesis of reduced graphene oxide (RGO)/bacterial cellulose (BC) nanocomposites. Green Chemistry, 2014, 16, 3195-3201.	9.0	90
51	Preparation of amidoxime-modified polyacrylonitrile nanofibers immobilized with laccase for dye degradation. Fibers and Polymers, 2014, 15, 30-34.	2.1	34
52	Novel Phenolic Biosensor Based on a Magnetic Polydopamine-Laccase-Nickel Nanoparticle Loaded Carbon Nanofiber Composite. ACS Applied Materials & Interfaces, 2014, 6, 5144-5151.	8.0	117
53	Laccase Immobilized on a PAN/Adsorbents Composite Nanofibrous Membrane for Catechol Treatment by a Biocatalysis/Adsorption Process. Molecules, 2014, 19, 3376-3388.	3.8	56
54	Immobilization of catalases on amidoxime polyacrylonitrile nanofibrous membranes. Polymer International, 2013, 62, 251-256.	3.1	34

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55	Fabrication of hydrophilic nanoporous PMMA/O-MMT composite microfibrous membrane and its use in enzyme immobilization. Journal of Porous Materials, 2013, 20, 457-464.	2.6	15
56	Fabrication and characterization of polyamide6-room temperature ionic liquid (PA6-RTIL) composite nanofibers by electrospinning. Fibers and Polymers, 2013, 14, 1614-1619.	2.1	13
57	Activity of Laccase Immobilized on TiO2-Montmorillonite Complexes. International Journal of Molecular Sciences, 2013, 14, 12520-12532.	4.1	51
58	Ammonia Sensing Behaviors of TiO2-PANI/PA6 Composite Nanofibers. Sensors, 2012, 12, 17046-17057.	3.8	47
59	Removal of a Cationic Dye by Adsorption/Photodegradation Using Electrospun PAN/O-MMT Composite Nanofibrous Membranes Coated withTiO2. International Journal of Photoenergy, 2012, 2012, 1-8.	2.5	21
60	Structure, Thermal, and Antibacterial Properties of Polyacrylonitrile/Ferric Chloride Nanocomposite Fibers by Electrospinning. International Journal of Polymer Analysis and Characterization, 2010, 15, 110-118.	1.9	21