Wei Dong

List of Publications by Year
in descending order

70 papers	3,961 citations	81743 39 h-index	123241 61 g-index
70 all docs	70 docs citations	70 times ranked	3234 citing authors

#	Article	IF	Citations
1	Microporous polythiophene (MPT)-guest complex derived magnetic metal sulfides/carbon nanocomposites for broadband electromagnetic wave absorption. Journal of Materials Science and Technology, 2022, 100, 206-215.	5.6	48
2	UV-assisted ultrafast construction of robust Fe3O4/polydopamine/Ag Fenton-like catalysts for highly efficient micropollutant decomposition. Science of the Total Environment, 2022, 810, 151182.	3.9	49
3	Metal/nitrogen co-doped hollow carbon nanorods derived from self-assembly organic nanostructure for wide bandwidth electromagnetic wave absorption. Composites Part B: Engineering, 2022, 228, 109424.	5.9	87
4	Heteroatom-free conjugated tetraphenylethylene polymers for selectively fluorescent detection of tetracycline. Analytica Chimica Acta, 2022, 1190, 339236.	2.6	32
5	18Î±-Glycyrrhetinic acid aggregation-induced emission probes for visual fluorescence detection of explosive as well multi-functional applications. New Journal of Chemistry, 2022, 46, 1896-1904.	1.4	2
6	Engineering Robust Agâ€Đecorated Polydopamine Nanoâ€Photothermal Platforms to Combat Bacterial Infection and Prompt Wound Healing. Advanced Science, 2022, 9, e2106015.	5.6	198
7	Dendritic Hydrogels with Robust Inherent Antibacterial Properties for Promoting Bacteria-Infected Wound Healing. ACS Applied Materials & Interfaces, 2022, 14, 11144-11155.	4.0	116
8	Visual Monitoring of Levofloxacin in Biofluids by Europium(III)-Functionalized Mesoporous Silica Nanoparticles. ACS Applied Nano Materials, 2022, 5, 5631-5639.	2.4	2
9	Connecting of conjugate microporous polymer nanoparticles by polypyrrole via sulfonic acid doping to form conductive nanocomposites for excellent microwaves absorption. Composites Science and Technology, 2022, 221, 109350.	3.8	27
10	Carbon nanofilm stabilized twisty V2O3 nanorods with enhanced multiple polarization behavior for electromagnetic wave absorption application. Journal of Materials Science and Technology, 2022, 119, 37-44.	5.6	59
11	Rapid chromium reduction by metal-free organic polymer photocatalysis via molecular engineering. Journal of Hazardous Materials, 2022, 434, 128938.	6.5	20
12	Synthesis of cationic hydrogels with tunable physicochemical properties for antibacterial applications. European Polymer Journal, 2022, 173, 111228.	2.6	7
13	Ultrafine gold nanoparticles dispersed in conjugated microporous polymers with sulfhydryl functional groups to improve the reducing activity of 4-nitrophenol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 649, 129459.	2.3	5
14	Electrically conductive Two-dimensional Metal-Organic frameworks for superior electromagnetic wave absorption. Chemical Engineering Journal, 2022, 446, 137409.	6.6	58
15	Development of a novel pullulan/polydopamine composite hydrogel adsorbent for dye removal. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 652, 129632.	2.3	10
16	Together is better: poly(tannic acid) nanorods functionalized polysaccharide hydrogels for diabetic wound healing. Industrial Crops and Products, 2022, 186, 115273.	2.5	41
17	Mussel-inspired agarose hydrogel scaffolds for skin tissue engineering. Bioactive Materials, 2021, 6, 579-588.	8.6	142
18	A TTFâ€“TCNQ complex: an organic charge-transfer system with extraordinary electromagnetic response behavior. Journal of Materials Chemistry C, 2021, 9, 3316-3323.	2.7	89

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19	Confining Palladium Nanoparticles in Microporous Tetrastyrene Polymer Enables Efficient Size-Selective Heterogeneous Catalysis. ACS Applied Nano Materials, 2021, 4, 3869-3876.	2.4	19
20	MOFâ˜'Guest complex derived Cu/C nanocomposites with multiple heterogeneous interfaces for excellent electromagnetic waves absorption. Composites Part B: Engineering, 2021, 211, 108643.	5.9	83
21	Benzimidazoleâ€based turnâ€on fluorescence probe developed for highly specific and ultrasensitive detection of hypochlorite ions in living cells. Luminescence, 2021, 36, 1377-1384.	1.5	5
22	Pyrene Derived aggregation-induced emission sensor for highly selective detection of explosive CL-20. Journal of Luminescence, 2021, 233, 117871.	1.5	8
23	Tetraphenylethylene-vitamin E Conjugates as sensitive aggregation-induced emission probes for selective detection of explosive FOX-7. Analytica Chimica Acta, 2021, 1164, 338525.	2.6	6
24	Highly efficient removal of antibiotic from biomedical wastewater using Fenton-like catalyst magnetic pullulan hydrogels. Carbohydrate Polymers, 2021, 262, 117951.	5.1	74
25	Conductive Fibrous Metalâ€Cyanoquinone Complexes with Excellent Microwave Absorption and Shielding Effectiveness at Ultrathin Thickness. Advanced Materials Interfaces, 2021, 8, 2100712.	1.9	20
26	Tuning electromagnetic absorption properties of transition metal oxides by hydrogenation with nascent hydrogen. Chemical Engineering Journal, 2021, 417, 127980.	6.6	18
27	Polydopamine magnetic microspheres grafted with sulfonic acid groups for efficient adsorption of tetracycline. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 628, 127263.	2.3	23
28	A coumarin-connected carboxylic indolinium sensor for cyanide detection in absolute aqueous medium and its application in biological cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117710.	2.0	31
29	Incorporation of dumbbell-shaped and Y-shaped cross-linkers in adjustable pullulan/polydopamine hydrogels for selective adsorption of cationic dyes. Environmental Research, 2020, 182, 109010.	3.7	40
30	Sulfonate-grafted conjugated microporous polymers for fast removal of cationic dyes from water. Chemical Engineering Journal, 2020, 391, 123591.	6.6	42
31	The synthesis of aggregation-induced emitting vitamin E derivative and its selective fluorescent response toward Fe3+. Tetrahedron Letters, 2020, 61, 152445.	0.7	2
32	Fluorescent conjugated microporous polymer (CMP) derived sensor array for multiple Organic/Inorganic contaminants detection. Sensors and Actuators B: Chemical, 2020, 320, 128448.	4.0	29
33	Facile fabrication of functional hydrogels consisting of pullulan and polydopamine fibers for drug delivery. International Journal of Biological Macromolecules, 2020, 163, 366-374.	3.6	80
34	Lipophilic Red-Emitting Oligomeric Organic Dots for Moisture Detection and Cell Imaging. ACS Applied Nano Materials, 2020, 3, 1942-1949.	2.4	7
35	Recent advances in natural polymer-based drug delivery systems. Reactive and Functional Polymers, 2020, 148, 104501.	2.0	192
36	Conjugate Microporous Polymer-Derived Conductive Porous Carbon Nanoparticles with Narrow Pore-Size Distribution for Electromagnetic Interference Shielding. ACS Applied Nano Materials, 2020, 3, 4553-4561.	2.4	19

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37	Dramatic red fluorescence enhancement and emission red shift of carbon dots following Zn/ZnO decoration. Luminescence, 2019, 34, 759-766.	1.5	14
38	Two-dimensional copper(i) thiophenolates: a well-constructed conductive Cuâ€“S network for excellent electromagnetic wave absorption. Journal of Materials Chemistry C, 2019, 7, 11621-11631.	2.7	10
39	One-pot synthesis of conjugated microporous polymers loaded with superfine nano-palladium and their micropore-confinement effect on heterogeneously catalytic reduction. Journal of Catalysis, 2019, 378, 42-50.	3.1	28
40	Naphthalene-benzoindole derived two novel fluorometric pH-Responsive probes for environmental systems and bioimaging. Talanta, 2019, 203, 90-98.	2.9	14
41	Fenton-like catalyst Fe3O4@polydopamine-MnO2 for enhancing removal of methylene blue in wastewater. Colloids and Surfaces B: Biointerfaces, 2019, 181, 226-233.	2.5	99
42	Confined polymerization strategy to construct polypyrrole/zeolitic imidazolate frameworks (PPy/ZIFs) nanocomposites for tunable electrical conductivity and excellent electromagnetic absorption. Composites Science and Technology, 2019, 174, 232-240.	3.8	84
43	Salecan polysaccharide-based hydrogels and their applications: a review. Journal of Materials Chemistry B, 2019, 7, 2577-2587.	2.9	83
44	Pullulan-derived nanocomposite hydrogels for wastewater remediation: Synthesis and characterization. Journal of Colloid and Interface Science, 2019, 542, 253-262.	5.0	87
45	Networks constructed by metal organic frameworks (MOFs) and multiwall carbon nanotubes (MCNTs) for excellent electromagnetic waves absorption. Materials Chemistry and Physics, 2018, 208, 198-206.	2.0	33
46	Fabrication of a new polysaccharide-based adsorbent for water purification. Carbohydrate Polymers, 2018, 195, 368-377.	5.1	93
47	Fluorine-Doped Cationic Carbon Dots for Efficient Gene Delivery. ACS Applied Nano Materials, 2018, 1, 2376-2385.	2.4	86
48	Polysaccharide metallohydrogel obtained from Salecan and trivalent chromium: Synthesis and characterization. Carbohydrate Polymers, 2018, 181, 285-291.	5.1	40
49	Nitrogenâ€doped carbon dots as a fluorescent probe for the highly sensitive detection of Ag⁺ and cell imaging. Luminescence, 2018, 33, 243-248.	1.5	56
50	Oral Administration of Salecan-Based Hydrogels for Controlled Insulin Delivery. Journal of Agricultural and Food Chemistry, 2018, 66, 10479-10489.	2.4	111
51	Superfine palladium nanocrystals on a polyphenylene framework for photocatalysis. Catalysis Science and Technology, 2018, 8, 5201-5206.	2.1	11
52	Polysaccharide-based cationic hydrogels for dye adsorption. Colloids and Surfaces B: Biointerfaces, 2018, 170, 364-372.	2.5	113
53	Preparation of a Salecan/poly(2â€acrylamidoâ€2â€methylpropanosulfonic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (aci ChemMedChem, 2017, 12, 120-129.	1.6	18
54	Salecan-Based pH-Sensitive Hydrogels for Insulin Delivery. Molecular Pharmaceutics, 2017, 14, 431-440.	2.3	117

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55	Design of Salecan-containing semi-IPN hydrogel for amoxicillin delivery. Materials Science and Engineering C, 2017, 75, 487-494.	3.8	67
56	Highly N,P-doped carbon dots: Rational design, photoluminescence and cellular imaging. Mikrochimica Acta, 2017, 184, 2933-2940.	2.5	72
57	Cationic Salecan-based hydrogels for release of 5-fluorouracil. RSC Advances, 2017, 7, 14337-14347.	1.7	56
58	Selective determination of Ag+ using Salecan derived nitrogen doped carbon dots as a fluorescent probe. Materials Science and Engineering C, 2017, 77, 508-512.	3.8	28
59	In Situ Stringing of Metal Organic Frameworks by SiC Nanowires for High-Performance Electromagnetic Radiation Elimination. ACS Applied Materials & Interfaces, 2017, 9, 33041-33048.	4.0	70
60	Large Emission Red-Shift of Carbon Dots by Fluorine Doping and Their Applications for Red Cell Imaging and Sensitive Intracellular Ag⁺ Detection. Journal of Physical Chemistry C, 2017, 121, 26558-26565.	1.5	125
61	Electromagnetic dissipation on the surface of metal organic framework (MOF)/reduced graphene oxide (RGO) hybrids. Materials Chemistry and Physics, 2017, 199, 340-347.	2.0	55
62	Smart Macroporous Salecan/Poly(N,N-diethylacrylamide) Semi-IPN Hydrogel for Anti-Inflammatory Drug Delivery. ACS Biomaterials Science and Engineering, 2016, 2, 1386-1394.	2.6	70
63	A coreâ€“shell polypyrrole@silicon carbide nanowire (PPy@SiC) nanocomposite for the broadband elimination of electromagnetic pollution. RSC Advances, 2016, 6, 43056-43059.	1.7	47
64	Development of novel hydrogels based on Salecan and poly(N-isopropylacrylamide-co-methacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	52
65	Preparation and characterization of a novel pH-sensitive Salecan-g-poly(acrylic acid) hydrogel for controlled release of doxorubicin. Journal of Materials Chemistry B, 2015, 3, 2685-2697.	2.9	121
66	Fabrication and Characterization of a Novel Anticancer Drug Delivery System: Salecan/Poly(methacrylic acid) Semi-interpenetrating Polymer Network Hydrogel. ACS Biomaterials Science and Engineering, 2015, 1, 1287-1299.	2.6	136
67	Investigation of Salecan/poly(vinyl alcohol) hydrogels prepared by freeze/thaw method. Carbohydrate Polymers, 2015, 118, 60-69.	5.1	172
68	Results of a 90-day safety assessment study in mice fed a glucan produced by Agrobacterium sp. ZX09. Food and Chemical Toxicology, 2011, 49, 2377-2384.	1.8	45
69	Modulating surficial oxygen vacancy of the VO₂ nanostructure to boost its electromagnetic absorption performance. Journal of Materials Chemistry C, 0, , .	2.7	56
70	Electrically Driven Hydrogenation of MoO₃ Nanoparticles in Protonic Acid for Oxidative Degradation of Micropollutants. ACS Applied Nano Materials, 0, , .	2.4	2