Jie Wu

List of Publications by Year in descending order

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63	1,392	279798	361022
papers	citations	23 h-index	35 g-index

63	63	63	1920
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Millimeter-Wave Wideband High-Efficiency Circularly Polarized Planar Array Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 535-542.	5.1	137
2	A highly selective and sensitive Zn(<scp>ii</scp>) coordination polymer luminescent sensor for Al³⁺and NACs in the aqueous phase. Inorganic Chemistry Frontiers, 2017, 4, 1888-1894.	6.0	87
3	A luminescent sensor based on a Zn(<scp>ii</scp>) coordination polymer for selective and sensitive detection of NACs and Fe³⁺ ions. CrystEngComm, 2019, 21, 1948-1955.	2.6	58
4	A simple way to prepare Pd/Fe3O4/polypyrrole hollow capsules and their applications in catalysis. Journal of Colloid and Interface Science, 2015, 450, 366-373.	9.4	57
5	Preparation of reduced graphene oxide nanosheet/FexOy/nitrogen-doped carbon layer aerogel as photo-Fenton catalyst with enhanced degradation activity and reusability. Journal of Hazardous Materials, 2019, 362, 62-71.	12.4	57
6	A Broadband Electronically Mode-Reconfigurable Orbital Angular Momentum Metasurface Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1482-1486.	4.0	50
7	One-step preparation of reduced graphene oxide aerogel loaded with mesoporous copper ferrite nanocubes: A highly efficient catalyst in microwave-assisted Fenton reaction. Journal of Hazardous Materials, 2019, 378, 120712.	12.4	45
8	Transforming type-II Fe2O3@polypyrrole to Z-scheme Fe2O3@polypyrrole/Prussian blue via Prussian blue as bridge: Enhanced activity in photo-Fenton reaction and mechanism insight. Journal of Hazardous Materials, 2021, 405, 124668.	12.4	45
9	One-pot preparation of ternary reduced graphene oxide nanosheets/Fe2O3/polypyrrole hydrogels as efficient Fenton catalysts. Journal of Colloid and Interface Science, 2017, 505, 130-138.	9.4	44
10	Cytotoxic triterpenoid glycosides (saikosaponins) from the roots of Bupleurum chinense. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3887-3892.	2.2	41
11	Facile one-step fabrication of glucose oxidase loaded polymeric nanoparticles decorating MWCNTs for constructing glucose biosensing platform: Structure matters. Biosensors and Bioelectronics, 2019, 135, 153-159.	10.1	37
12	Internal-electric-field induced high efficient type-I heterojunction in photocatalysis-self-Fenton reaction: Enhanced H2O2 yield, utilization efficiency and degradation performance. Journal of Colloid and Interface Science, 2022, 608, 2075-2087.	9.4	37
13	One-step preparation of nanobeads-based polypyrrole hydrogel by a reactive-template method and their applications in adsorption and catalysis. Journal of Colloid and Interface Science, 2018, 527, 214-221.	9.4	36
14	iDiSC: A New Approach to IoT-Data-Intensive Service Components Deployment in Edge-Cloud-Hybrid System. IEEE Access, 2019, 7, 59172-59184.	4.2	35
15	A simple way to prepare reduced graphene oxide nanosheets/Fe2O3-Pd/N-doped carbon nanosheets and their application in catalysis. Journal of Colloid and Interface Science, 2016, 468, 62-69.	9.4	33
16	Construction of phosphorus-doped carbon nitride/phosphorus and sulfur co-doped carbon nitride isotype heterojunction and their enhanced photoactivity. Journal of Colloid and Interface Science, 2020, 566, 495-504.	9.4	33
17	Association analysis between the polymorphisms of HSD17B5 and HSD17B6 and risk of polycystic ovary syndrome in Chinese population. European Journal of Endocrinology, 2015, 172, 227-233.	3.7	32
18	A Simple Method for the Preparation of TiO₂/Agâ€AgCl@Polypyrrole Composite and Its Enhanced Visibleâ€Light Photocatalytic Activity. Chemistry - an Asian Journal, 2016, 11, 141-147.	3.3	28

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19	Design, synthesis, and evaluation of novel ursolic acid derivatives as HIF-1Î± inhibitors with anticancer potential. Bioorganic Chemistry, 2017, 75, 157-169.	4.1	28
20	SAR Target Configuration Recognition via Two-Stage Sparse Structure Representation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 2220-2232.	6.3	28
21	Novel Amphiphilic, Biodegradable, Biocompatible, Thermo-Responsive ABA Triblock Copolymers Based on PCL and PEG Analogues via a Combination of ROP and RAFT: Synthesis, Characterization, and Sustained Drug Release from Self-Assembled Micelles. Polymers, 2018, 10, 214.	4.5	27
22	Preparation of raspberry-like Î³-Fe2O3/crackled nitrogen-doped carbon capsules and their application as supports to improve catalytic activity. Nanoscale, 2016, 8, 18693-18702.	5.6	25
23	Wideband Millimeter-Wave Dual-Mode Dual Circularly Polarized OAM Antenna Using Sequentially Rotated Feeding Technique. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1296-1300.	4.0	25
24	One Step Preparation of Reduced Graphene Oxide/Pdâ€“Fe₃O₄@Polypyrrole Composites and Their Application in Catalysis. Chemistry - an Asian Journal, 2015, 10, 1940-1947.	3.3	22
25	One-step preparation of Fe 3 O 4 /Pd@polypyrrole composites with enhanced catalytic activity and stability. Journal of Colloid and Interface Science, 2016, 476, 214-221.	9.4	22
26	Neuroprotective oleanane triterpenes from the roots of Bupleurum chinense. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1594-1598.	2.2	21
27	The detection of selectivity and sensitivity towards TNP by a new Zn(II)-coordination polymer as luminescent sensor in aqueous solution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 266, 120419.	3.9	20
28	Low-Profile Wideband Millimeter-Wave Circularly Polarized Antenna With Hexagonal Parasitic Patches. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1651-1655.	4.0	19
29	Syntheses, structural diversities and characterization of a series of coordination polymers with two isomeric oxadiazol-pyridine ligands. RSC Advances, 2017, 7, 9704-9718.	3.6	17
30	Design, synthesis, and screening of novel ursolic acid derivatives as potential anti-cancer agents that target the HIF-1Î± pathway. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 853-858.	2.2	16
31	Z-scheme Fe2(MoO4)3/Ag/Ag3PO4 heterojunction with enhanced degradation rate by in-situ generated H2O2: Turning waste (H2O2) into wealth (â€¢OH). Journal of Colloid and Interface Science, 2022, 606, 1800-1810.	9.4	16
32	One-step preparation of magnetic recyclable quinary graphene hydrogels with high catalytic activity. Journal of Colloid and Interface Science, 2017, 491, 72-79.	9.4	15
33	Porous NiCo₂O₄ Sheet Catalysts for the Microwave-Assisted Fenton Reaction. ACS Applied Nano Materials, 2020, 3, 7152-7160.	5.0	15
34	Approaching the Fundamental Limit of Orbital-Angular-Momentum Multiplexing Through a Hologram Metasurface. Physical Review Applied, 2021, 16, .	3.8	15
35	A stable lanthanum-based metal-organic framework as fluorescent sensor for detecting TNP and Fe3+ with hyper-sensitivity and ultra-selectivity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 264, 120276.	3.9	14
36	Magnetically recyclable reduced graphene oxide nanosheets/magnetite-palladium aerogel with superior catalytic activity and reusability. Journal of Colloid and Interface Science, 2017, 506, 154-161.	9.4	13

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37	Preparation and Physical Properties of Porous Starch/Natural Rubber Composites. Starch/Staerke, 2018, 70, 1700296.	2.1	13
38	Micellization and sol-gel transition of novel thermo- and pH-responsive ABC triblock copolymer synthesized by RAFT. Journal of Polymer Research, 2018, 25, 1.	2.4	12
39	Oneâ€step preparation of Fe₂O₃/reduced graphene oxide aerogel as heterogeneous Fentonâ€like catalyst for enhanced photoâ€degradation of organic dyes. ChemistrySelect, 2018, 3, 9062-9070.	1.5	12
40	Alpha-asarone improves striatal cholinergic function and locomotor hyperactivity in Fmr1 knockout mice. Behavioural Brain Research, 2016, 312, 212-218.	2.2	11
41	Preparation of PdxAuy bimetallic nanostructures with controllable morphologies supported on reduced graphene oxide nanosheets and wrapped in a polypyrrole layer. RSC Advances, 2015, 5, 87831-87837.	3.6	10
42	Stereocomplexation of Poly(lactic acid) and Chemical Crosslinking of Ethylene Glycol Dimethacrylate (EGDMA) Double-Crosslinked Temperature/pH Dual Responsive Hydrogels. Polymers, 2020, 12, 2204.	4.5	10
43	Stereocomplex Poly(Lactic Acid) Amphiphilic Conetwork Gel with Temperature and pH Dual Sensitivity. Polymers, 2019, 11, 1940.	4.5	9
44	Preparation of Magnetically Recyclable Yolk/Shell Fe_xO_y/PdPt@CeO₂ Nanoreactors with Enhanced Catalytic Activity. Chemistry - an Asian Journal, 2017, 12, 1400-1407.	3.3	8
45	Solvo-thermal synthesis of a unique alkaline earth-transition Ba-Cd micro-porous coordination framework as hetero-metallic luminescent sensor for Cu2+ and real-time detection of benzaldehyde. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 199, 110-116.	3.9	8
46	Design of a Compact Polarization-Agile and Frequency-Tailored Array Antenna With Digital-Controllable Radiation Beams. IEEE Transactions on Antennas and Propagation, 2022, 70, 813-822.	5.1	8
47	A Microstrip Dual-Split-Ring Antenna Array for 5G Millimeter-Wave Dual-Band Applications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 2025-2029.	4.0	7
48	Preparation of sponge-like activated carbon via carbonization of super absorbent polymer (SAP) as electrode materials for supercapacitors. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 635-640.	2.1	6
49	An Explosive Bombâ€Inspired Method to Prepare Collapsed and Ruptured Fe₂O₃/Nitrogenâ€Doped Carbon Capsules as Catalyst Support. Chemistry - A European Journal, 2017, 23, 17095-17102.	3.3	6
50	Highly Selective and Sensitive Detection of Nitroaromatic Compounds and Metal Ions by Supramolecular Assemblies of 3,3â€™,5,5â€™-Azobenzenetetracarboxylic Acid and 4,4â€™-Bipyridine. Journal of Fluorescence, 2017, 27, 281-286.	2.5	5
51	Synthesis of Thermo-Responsive Block-Graft Copolymer Based on PCL and PEG Analogs, and Preparation of Hydrogel via Click Chemistry. Polymers, 2019, 11, 765.	4.5	5
52	A simple approach for synthesis of hollow mesoporous nanotubes loaded with metallic and magnetic nanoparticles: Only one step is required. Applied Organometallic Chemistry, 2019, 33, e4849.	3.5	4
53	Influence of $$NO_2^- $$ on the Microscopic Structure and Physical Properties of the Binary Nitrate Salts: a Molecular Dynamics Simulation Study. Journal of Thermal Science, 2020, 29, 464-476.	1.9	2
54	Prenylated isoflavones from the roots of Flemingia philippinensis as potential inhibitors of Î²-amyloid aggregation. FÃ¬toterapÃ¬Ã¢, 2021, 155, 105060.	2.2	2

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55	WarMops: A Workload-Aware Resource Management Optimization Strategy for IaaS Private Clouds. , 2014, , .		1
56	Analysis on Calcination Process of WCâ€“Co Precursor Powder. Powder Metallurgy and Metal Ceramics, 2016, 55, 125-133.	0.8	1
57	A Compact Polarization and Pattern Reconfigurable Patch Antenna by Digital Coding Method. , 2021, , .		1
58	Association of APEX1 and XRCC1 Gene Polymorphisms With HIV-1 Infection Susceptibility and AIDS Progression in a Northern Chinese MSM Population. Frontiers in Genetics, 2022, 13, 861355.	2.3	1
59	A Compact Circularly Polarized Mono-pulse Antenna with Frequency Agility. , 2019, , .		0
60	Simulation Analysis of EMAT Shear Wave in Pipeline and Research of Defect Detection Characteristics. , 2021, , .		0
61	A Broadband Millimeter-Wave Vertically-Integrated Vivaldi Antenna and Its Circularly Polarized Array. , 2020, , .		0
62	A Millimeter-Wave Wideband Integrated Log-Periodic Antenna Array. , 2020, , .		0
63	A Wideband Millimeter-wave Bidirectional OAM Antenna using sequential rotation feeding. , 2021, , .		0