

# Jie Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

1,392  
citations

279798

23  
h-index

361022

35  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1920  
citing authors

#	ARTICLE	IF	CITATIONS
1	The detection of selectivity and sensitivity towards TNP by a new Zn(II)-coordination polymer as luminescent sensor in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 266, 120419.	3.9	20
2	A stable lanthanum-based metal-organic framework as fluorescent sensor for detecting TNP and Fe <sup>3+</sup> with hyper-sensitivity and ultra-selectivity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120276.	3.9	14
3	Z-scheme Fe <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> /Ag/Ag <sub>3</sub> PO <sub>4</sub> heterojunction with enhanced degradation rate by in-situ generated H <sub>2</sub> O <sub>2</sub> : Turning waste (H <sub>2</sub> O <sub>2</sub> ) into wealth (H <sub>2</sub> O). <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1800-1810.	9.4	16
4	Design of a Compact Polarization-Agile and Frequency-Tailored Array Antenna With Digital-Controllable Radiation Beams. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 813-822.	5.1	8
5	Internal-electric-field induced high efficient type-I heterojunction in photocatalysis-self-Fenton reaction: Enhanced H <sub>2</sub> O <sub>2</sub> yield, utilization efficiency and degradation performance. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2075-2087.	9.4	37
6	Association of APEX1 and XRCC1 Gene Polymorphisms With HIV-1 Infection Susceptibility and AIDS Progression in a Northern Chinese MSM Population. <i>Frontiers in Genetics</i> , 2022, 13, 861355.	2.3	1
7	A Microstrip Dual-Split-Ring Antenna Array for 5G Millimeter-Wave Dual-Band Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 2025-2029.	4.0	7
8	Transforming type-II Fe <sub>2</sub> O <sub>3</sub> @polypyrrole to Z-scheme Fe <sub>2</sub> O <sub>3</sub> @polypyrrole/Prussian blue via Prussian blue as bridge: Enhanced activity in photo-Fenton reaction and mechanism insight. <i>Journal of Hazardous Materials</i> , 2021, 405, 124668.	12.4	45
9	A Compact Polarization and Pattern Reconfigurable Patch Antenna by Digital Coding Method. , 2021, , .		1
10	Simulation Analysis of EMAT Shear Wave in Pipeline and Research of Defect Detection Characteristics. , 2021, , .		0
11	Low-Profile Wideband Millimeter-Wave Circularly Polarized Antenna With Hexagonal Parasitic Patches. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 1651-1655.	4.0	19
12	Prenylated isoflavones from the roots of <i>Flemingia philippinensis</i> as potential inhibitors of Aβ <sup>25-35</sup> -amyloid aggregation. <i>FASEB J</i> , 2021, 35, 105060.	2.2	2
13	A Wideband Millimeter-wave Bidirectional OAM Antenna using sequential rotation feeding. , 2021, , .		0
14	Approaching the Fundamental Limit of Orbital-Angular-Momentum Multiplexing Through a Hologram Metasurface. <i>Physical Review Applied</i> , 2021, 16, .	3.8	15
15	Stereocomplexation of Poly(lactic acid) and Chemical Crosslinking of Ethylene Glycol Dimethacrylate (EGDMA) Double-Crosslinked Temperature/pH Dual Responsive Hydrogels. <i>Polymers</i> , 2020, 12, 2204.	4.5	10
16	Wideband Millimeter-Wave Dual-Mode Dual Circularly Polarized OAM Antenna Using Sequentially Rotated Feeding Technique. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 1296-1300.	4.0	25
17	Porous NiCo <sub>2</sub> O <sub>4</sub> Sheet Catalysts for the Microwave-Assisted Fenton Reaction. <i>ACS Applied Nano Materials</i> , 2020, 3, 7152-7160.	5.0	15
18	Construction of phosphorus-doped carbon nitride/phosphorus and sulfur co-doped carbon nitride isotype heterojunction and their enhanced photoactivity. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 495-504.	9.4	33

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19	Influence of $\text{NO}_2^-$ on the Microscopic Structure and Physical Properties of the Binary Nitrate Salts: a Molecular Dynamics Simulation Study. <i>Journal of Thermal Science</i> , 2020, 29, 464-476.	1.9	2
20	A Broadband Millimeter-Wave Vertically-Integrated Vivaldi Antenna and Its Circularly Polarized Array. , 2020, , .		0
21	A Millimeter-Wave Wideband Integrated Log-Periodic Antenna Array. , 2020, , .		0
22	A Broadband Electronically Mode-Reconfigurable Orbital Angular Momentum Metasurface Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 1482-1486.	4.0	50
23	One-step preparation of reduced graphene oxide aerogel loaded with mesoporous copper ferrite nanocubes: A highly efficient catalyst in microwave-assisted Fenton reaction. <i>Journal of Hazardous Materials</i> , 2019, 378, 120712.	12.4	45
24	iDiSC: A New Approach to IoT-Data-Intensive Service Components Deployment in Edge-Cloud-Hybrid System. <i>IEEE Access</i> , 2019, 7, 59172-59184.	4.2	35
25	Synthesis of Thermo-Responsive Block-Graft Copolymer Based on PCL and PEG Analogs, and Preparation of Hydrogel via Click Chemistry. <i>Polymers</i> , 2019, 11, 765.	4.5	5
26	Facile one-step fabrication of glucose oxidase loaded polymeric nanoparticles decorating MWCNTs for constructing glucose biosensing platform: Structure matters. <i>Biosensors and Bioelectronics</i> , 2019, 135, 153-159.	10.1	37
27	A simple approach for synthesis of hollow mesoporous nanotubes loaded with metallic and magnetic nanoparticles: Only one step is required. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4849.	3.5	4
28	A luminescent sensor based on a Zn(II) coordination polymer for selective and sensitive detection of NACs and $\text{Fe}^{3+}$ ions. <i>CrystEngComm</i> , 2019, 21, 1948-1955.	2.6	58
29	A Compact Circularly Polarized Mono-pulse Antenna with Frequency Agility. , 2019, , .		0
30	Stereocomplex Poly(Lactic Acid) Amphiphilic Conetwork Gel with Temperature and pH Dual Sensitivity. <i>Polymers</i> , 2019, 11, 1940.	4.5	9
31	Preparation of reduced graphene oxide nanosheet/ $\text{Fe}_3\text{O}_4$ /nitrogen-doped carbon layer aerogel as photo-Fenton catalyst with enhanced degradation activity and reusability. <i>Journal of Hazardous Materials</i> , 2019, 362, 62-71.	12.4	57
32	Design, synthesis, and screening of novel ursolic acid derivatives as potential anti-cancer agents that target the HIF-1 $\alpha$ pathway. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 853-858.	2.2	16
33	Preparation and Physical Properties of Porous Starch/Natural Rubber Composites. <i>Starch/Staerke</i> , 2018, 70, 1700296.	2.1	13
34	SAR Target Configuration Recognition via Two-Stage Sparse Structure Representation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 2220-2232.	6.3	28
35	Solvo-thermal synthesis of a unique alkaline earth-transition Ba-Cd micro-porous coordination framework as hetero-metallic luminescent sensor for $\text{Cu}^{2+}$ and real-time detection of benzaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 110-116.	3.9	8
36	Micellization and sol-gel transition of novel thermo- and pH-responsive ABC triblock copolymer synthesized by RAFT. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	12

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37	One-step preparation of nanobeads-based polypyrrole hydrogel by a reactive-template method and their applications in adsorption and catalysis. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 214-221.	9.4	36
38	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. <i>Polymers</i> , 2018, 10, 214.	4.5	27
39	One-step preparation of Fe <sub>2</sub> O <sub>3</sub> /reduced graphene oxide aerogel as heterogeneous Fenton-like catalyst for enhanced photo-degradation of organic dyes. <i>ChemistrySelect</i> , 2018, 3, 9062-9070.	1.5	12
40	Syntheses, structural diversities and characterization of a series of coordination polymers with two isomeric oxadiazol-pyridine ligands. <i>RSC Advances</i> , 2017, 7, 9704-9718.	3.6	17
41	Preparation of Magnetically Recyclable Yolk/Shell Fe <sub>x</sub> O <sub>y</sub> /PdPt@CeO <sub>2</sub> Nanoreactors with Enhanced Catalytic Activity. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1400-1407.	3.3	8
42	One-pot preparation of ternary reduced graphene oxide nanosheets/Fe <sub>2</sub> O <sub>3</sub> /polypyrrole hydrogels as efficient Fenton catalysts. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 130-138.	9.4	44
43	One-step preparation of magnetic recyclable quinary graphene hydrogels with high catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2017, 491, 72-79.	9.4	15
44	Design, synthesis, and evaluation of novel ursolic acid derivatives as HIF-1 $\alpha$ inhibitors with anticancer potential. <i>Bioorganic Chemistry</i> , 2017, 75, 157-169.	4.1	28
45	An Explosive Bomb-Inspired Method to Prepare Collapsed and Ruptured Fe <sub>2</sub> O <sub>3</sub> /Nitrogen-Doped Carbon Capsules as Catalyst Support. <i>Chemistry - A European Journal</i> , 2017, 23, 17095-17102.	3.3	6
46	A highly selective and sensitive Zn(II) coordination polymer luminescent sensor for Al <sup>3+</sup> and NACs in the aqueous phase. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1888-1894.	6.0	87
47	Magnetically recyclable reduced graphene oxide nanosheets/magnetite-palladium aerogel with superior catalytic activity and reusability. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 154-161.	9.4	13
48	Highly Selective and Sensitive Detection of Nitroaromatic Compounds and Metal Ions by Supramolecular Assemblies of 3,3 $\alpha$ -Azobenzene tetracarboxylic Acid and 4,4'-Bipyridine. <i>Journal of Fluorescence</i> , 2017, 27, 281-286.	2.5	5
49	Alpha-asarone improves striatal cholinergic function and locomotor hyperactivity in Fmr1 knockout mice. <i>Behavioural Brain Research</i> , 2016, 312, 212-218.	2.2	11
50	A Simple Method for the Preparation of TiO <sub>2</sub> /Ag@AgCl@Polypyrrole Composite and Its Enhanced Visible-Light Photocatalytic Activity. <i>Chemistry - an Asian Journal</i> , 2016, 11, 141-147.	3.3	28
51	One-step preparation of Fe <sub>3</sub> O <sub>4</sub> /Pd@polypyrrole composites with enhanced catalytic activity and stability. <i>Journal of Colloid and Interface Science</i> , 2016, 476, 214-221.	9.4	22
52	Preparation of raspberry-like $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> /crackled nitrogen-doped carbon capsules and their application as supports to improve catalytic activity. <i>Nanoscale</i> , 2016, 8, 18693-18702.	5.6	25
53	Analysis on Calcination Process of WC-Co Precursor Powder. <i>Powder Metallurgy and Metal Ceramics</i> , 2016, 55, 125-133.	0.8	1
54	Preparation of sponge-like activated carbon via carbonization of super absorbent polymer (SAP) as electrode materials for supercapacitors. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016, 24, 635-640.	2.1	6

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55	A simple way to prepare reduced graphene oxide nanosheets/Fe <sub>2</sub> O <sub>3</sub> -Pd/N-doped carbon nanosheets and their application in catalysis. <i>Journal of Colloid and Interface Science</i> , 2016, 468, 62-69.	9.4	33
56	Millimeter-Wave Wideband High-Efficiency Circularly Polarized Planar Array Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2016, 64, 535-542.	5.1	137
57	Neuroprotective oleanane triterpenes from the roots of <i>Bupleurum chinense</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1594-1598.	2.2	21
58	One Step Preparation of Reduced Graphene Oxide/Pd@Fe <sub>3</sub> O <sub>4</sub> @Polypyrrole Composites and Their Application in Catalysis. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1940-1947.	3.3	22
59	Association analysis between the polymorphisms of HSD17B5 and HSD17B6 and risk of polycystic ovary syndrome in Chinese population. <i>European Journal of Endocrinology</i> , 2015, 172, 227-233.	3.7	32
60	A simple way to prepare Pd/Fe <sub>3</sub> O <sub>4</sub> /polypyrrole hollow capsules and their applications in catalysis. <i>Journal of Colloid and Interface Science</i> , 2015, 450, 366-373.	9.4	57
61	Preparation of PdAu bimetallic nanostructures with controllable morphologies supported on reduced graphene oxide nanosheets and wrapped in a polypyrrole layer. <i>RSC Advances</i> , 2015, 5, 87831-87837.	3.6	10
62	Cytotoxic triterpenoid glycosides (saikosaponins) from the roots of <i>Bupleurum chinense</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3887-3892.	2.2	41
63	WarMops: A Workload-Aware Resource Management Optimization Strategy for IaaS Private Clouds. , 2014, , .		1