

# Jie Wu

## List of Publications by Year in descending order

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91  
papers

2,790  
citations

136950

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h-index

197818

49  
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107  
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107  
docs citations

107  
times ranked

3447  
citing authors

#	ARTICLE	IF	CITATIONS
1	UiO-66-NH <sub>2</sub> Octahedral Nanocrystals Decorated with ZnFe <sub>2</sub> O <sub>4</sub> Nanoparticles for Photocatalytic Alcohol Oxidation. ACS Applied Nano Materials, 2022, 5, 2231-2240.	5.0	17
2	Functional Group Regulated Ni/Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> (T <sub>x</sub> = F, -OH) Holding Bimolecular Activation Tunnel for Enhanced Ammonia Borane Hydrolysis. ACS Applied Materials & Interfaces, 2022, 14, 16320-16329.	8.0	12
3	The endocytosis of nano-Pt into non-small cell lung cancer H1299 cells and intravital therapeutic effect in vivo. Biochemical and Biophysical Research Communications, 2022, 606, 80-86.	2.1	3
4	ZnS Scheme In <sub>2</sub> S <sub>3</sub> /NU-1000 Heterojunction for Boosting Photooxidation of Sulfide into Sulfoxide under Ambient Conditions. Chemistry - A European Journal, 2022, 28, .	3.3	6
5	Thermal steam reduction etching to construct POM@Cu/CuI-BTC with hierarchical porosity for adsorption property enhancement. Chemical Engineering Journal, 2022, 450, 137966.	12.7	4
6	Efficient and Selective Visible-Light-Driven Oxidative Coupling of Amines to Imines in Air over CdS@Zr-MOFs. ACS Applied Materials & Interfaces, 2021, 13, 2779-2787.	8.0	66
7	LINC01116 facilitates colorectal cancer cell proliferation and angiogenesis through targeting EZH2-regulated TPM1. Journal of Translational Medicine, 2021, 19, 45.	4.4	24
8	Metal-organic frameworks loaded on phosphorus-doped tubular carbon nitride for enhanced photocatalytic hydrogen production and amine oxidation. Journal of Colloid and Interface Science, 2021, 590, 1-11.	9.4	28
9	Coordination-Induced N-H Bond Splitting of Ammonia and Primary Amine of Cu <sup>I</sup> -MOFs. Chemistry - A European Journal, 2021, 27, 9499-9502.	3.3	3
10	LncRNA SNHG17 promotes tumor progression and predicts poor survival in human renal cell carcinoma via sponging miR-328-3p. Aging, 2021, 13, 21232-21250.	3.1	15
11	Construction of porous 2D MOF nanosheets for rapid and selective adsorption of cationic dyes. Dalton Transactions, 2021, 50, 3348-3355.	3.3	24
12	BiOI Particles Confined into Metal-Organic Framework NU-1000 for Valid Photocatalytic Hydrogen Evolution under Visible-Light Irradiation. Inorganic Chemistry, 2021, 60, 1352-1358.	4.0	33
13	Ultrasound-Targeted Microbubble Destruction-Mediated Downregulation of EZH2 Inhibits Stemness and Epithelial-Mesenchymal Transition of Liver Cancer Stem Cells. OncoTargets and Therapy, 2021, Volume 14, 221-237.	2.0	5
14	Long noncoding RNA SNHG4 promotes renal cell carcinoma tumorigenesis and invasion by acting as ceRNA to sponge miR-204-5p and upregulate RUNX2. Cancer Cell International, 2020, 20, 514.	4.1	21
15	SPATS2, negatively regulated by miR-145-5p, promotes hepatocellular carcinoma progression through regulating cell cycle. Cell Death and Disease, 2020, 11, 837.	6.3	22
16	Halloysite nanotubes (HNTs)@ZIF-67 composites—a new type of heterogeneous catalyst for the Knoevenagel condensation reaction. Dalton Transactions, 2020, 49, 17621-17628.	3.3	30
17	Photochromism of metal-organic frameworks based on carbazole-dicarboxylic acid and bipyridine: sensing adjustment by controlling strut-to-strut energy transfer. Dalton Transactions, 2020, 49, 7952-7958.	3.3	8
18	Metal-Organic Framework (MOF)-Based Materials as Heterogeneous Catalysts for C-H Bond Activation. Chemistry - A European Journal, 2019, 25, 2935-2948.	3.3	103

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19	A Highly Sensitive and Recyclable Ln-MOF Luminescent Sensor for the Efficient Detection of Fe <sup>3+</sup> and Cr <sup>VI</sup> Anions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3721-3727.	3.3	40
20	Palladium-catalyzed intramolecular carbonyl $\alpha$ -arylation for the synthesis of 2-tetralones. <i>Tetrahedron Letters</i> , 2019, 60, 726-728.	1.4	1
21	Co( <sup>ii</sup> )-cluster-based metal-organic frameworks as efficient heterogeneous catalysts for selective oxidation of arylalkanes. <i>CrystEngComm</i> , 2019, 21, 1666-1673.	2.6	12
22	LINC00702/miR-4652-3p/ZEB1 axis promotes the progression of malignant meningioma through activating Wnt/ $\beta$ -catenin pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108718.	5.6	35
23	Design, synthesis, and biological evaluation of novel 2-deoxy-2-fluoro-2-C-methyl 8-azanebularine derivatives as potent anti-HBV agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1291-1297.	2.2	4
24	Heterogeneity of cannabinoid ligand-induced modulations in intracellular Ca <sup>2+</sup> signals of mouse pancreatic acinar cells in vitro. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 410-417.	6.1	6
25	Cu(I)-Based Metal-Organic Frameworks as Efficient and Recyclable Heterogeneous Catalysts for Aqueous-Medium C-H Oxidation. <i>Crystal Growth and Design</i> , 2019, 19, 976-982.	3.0	17
26	Iodine/Copper(I)-Catalyzed Direct Annulation of <i>N</i> -Benzimidazolyl Amidines with Aldehydes for the Synthesis of <i>Ortho</i> -Fused 1,3,5-Triazines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 86-92.	4.3	20
27	Long non-coding RNA GAS5 antagonizes the chemoresistance of pancreatic cancer cells through down-regulation of miR-181c-5p. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 809-817.	5.6	83
28	Co-Cluster-Based Metal-Organic Frameworks as Selective Catalysts for Benzene Tandem Acylation-Nazarov Cyclization to Benzocyclopentanone. <i>Chemistry - A European Journal</i> , 2018, 24, 1416-1424.	3.3	21
29	Design, synthesis, and biological evaluation of new 1,2,3-triazolo-2-deoxy-2-fluoro-4-azido nucleoside derivatives as potent anti-HBV agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 137-149.	5.5	15
30	Cu( <sup>i</sup> ) coordination polymers (CPs) as tandem catalysts for three-component sequential click/alkynylation cycloaddition reaction with regiocontrol. <i>Dalton Transactions</i> , 2018, 47, 16895-16901.	3.3	14
31	Efficient Catalytic Performance for Acylation-Nazarov Cyclization Based on an Unusual Postsynthetic Oxidation Strategy in a Fe(II)-MOF. <i>Inorganic Chemistry</i> , 2018, 57, 10224-10231.	4.0	29
32	Effect of metformin use on the risk and prognosis of endometrial cancer: a systematic review and meta-analysis. <i>BMC Cancer</i> , 2018, 18, 438.	2.6	68
33	I <sub>2</sub> -Mediated Intramolecular C-H Amidation for the Synthesis of N-Substituted Benzimidazoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 3152-3158.	3.2	43
34	Synthesis of 5-Amino and 3,5-Diamino Substituted 1,2,4-Thiadiazoles by I <sub>2</sub> -Mediated Oxidative N-S Bond Formation. <i>Journal of Organic Chemistry</i> , 2017, 82, 5898-5903.	3.2	36
35	The first example of palladium-catalyzed cascade amidine arylation-intramolecular ester amidation for the synthesis of hypoxanthines: application to the synthesis of 8-azanebularine analogues. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 379-386.	2.8	10
36	Solvent-Induced Assembly of Silver Coordination Polymers (CPs) as Cooperative Catalysts for Synthesizing of Cyclopentenone[b]pyrroles Frameworks. <i>Inorganic Chemistry</i> , 2017, 56, 4874-4884.	4.0	31

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37	Cu(I) Coordination Polymers as the Green Heterogeneous Catalysts for Direct C-H Bonds Activation of Arylalkanes to Ketones in Water with Spatial Confinement Effect. <i>Inorganic Chemistry</i> , 2017, 56, 13329-13336.	4.0	37
38	Synthesis of Novel Imidazo[1,2-a]pyridin-2-ylamines from Arylamines and Nitriles via Sequential Addition and KI-Mediated Oxidative Cyclization. <i>Chemistry - A European Journal</i> , 2016, 22, 7617-7622.	3.3	30
39	Metal-Free [2 + 2] Cycloaddition of Ynamides with Nitriles to Construct 2,4-Diaminopyridines. <i>Organic Letters</i> , 2016, 18, 3390-3393.	4.6	43
40	Surfactant-Assisted Nanocrystalline Zinc Coordination Polymers: Controlled Particle Sizes and Synergistic Effects in Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 6389-6396.	3.3	30
41	Gap Junctions Contribute to Ictal/Interictal Genesis in Human Hypothalamic Hamartomas. <i>EBioMedicine</i> , 2016, 8, 96-102.	6.1	6
42	Synthesis of pyrrol-pyridazyl-triazolyl-pyridines via Cu(I)-catalyzed azide-alkyne 1,3-dipolar cycloaddition reaction. <i>Synthetic Communications</i> , 2016, 46, 1118-1123.	2.1	4
43	Discovery of an Orally Active and Liver-Targeted Prodrug of 5-Fluoro-2-Deoxyuridine for the Treatment of Hepatocellular Carcinoma. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3661-3670.	6.4	12
44	Regioselective synthesis of 3,4-disubstituted isocoumarins through the Pd-catalyzed annulation of 2-iodoaromatic acids with ynamides. <i>Chemical Communications</i> , 2016, 52, 6801-6804.	4.1	48
45	Iodine-Mediated Aryl C-H Amination for the Synthesis of Benzimidazoles and Pyrido[1,2-a]benzimidazoles. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2759-2766.	4.3	38
46	AlCl <sub>3</sub> -Catalyzed Annulations of Ynamides Involving a Torquoselective Process for the Simultaneous Control of Central and Axial Chirality. <i>Organic Letters</i> , 2016, 18, 5022-5025.	4.6	38
47	Iodine/Copper Iodide-Mediated C-H Functionalization: Synthesis of Imidazo[1,2-a]pyridines and Indoles from N-Aryl Enamines. <i>Journal of Organic Chemistry</i> , 2016, 81, 9326-9336.	3.2	70
48	A Hofmann Rearrangement-Ring Expansion Cascade for the Synthesis of 1-Pyrrolines: Application to the Synthesis of 2,3-Dihydro-1-pyrrolo[2,1-a]isoquinolinium Salts. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1130-1135.	4.3	15
49	Microcrystalline Zinc Coordination Polymers as Single-site Heterogeneous Catalysts for the Selective Synthesis of Mono-oxazolines from Amino Alcohol and Dinitriles. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1856-1862.	3.3	8
50	Comparison of Two Techniques of Laparoscopy-Assisted Peritoneal Vaginoplasty. <i>Journal of Minimally Invasive Gynecology</i> , 2016, 23, 346-351.	0.6	10
51	Crystalline central-metal transformation in metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2016, 307, 130-146.	18.8	134
52	Solvent Templates Induced Porous Metal-Organic Materials: Conformational Isomerism and Catalytic Activity. <i>Inorganic Chemistry</i> , 2015, 54, 1405-1413.	4.0	61
53	KI-Mediated Oxidative N-N Bond Formation for the Synthesis of 1,5-Fused 1,2,4-Triazoles from N-Aryl Amidines. <i>Journal of Organic Chemistry</i> , 2015, 80, 7219-7225.	3.2	62
54	Synthesis and Biological Evaluation of 4-Substituted Fluoronucleoside Analogs for the Treatment of Hepatitis B Virus Infection. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3693-3703.	6.4	25

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55	Reversible conversion of valence-tautomeric copper metal-organic frameworks dependent single-crystal-to-single-crystal oxidation/reduction: a redox-switchable catalyst for C-H bonds activation reaction. <i>Chemical Communications</i> , 2015, 51, 10353-10356.	4.1	63
56	Selective synthesis of 2,5-disubstituted furan-3-carboxylates and the isomeric 2,4-disubstituted furan-3-carboxylates. <i>RSC Advances</i> , 2015, 5, 79906-79914.	3.6	19
57	Synthesis of 3-Substituted 2-Aminochromones via Sn(IV)-Promoted Annulation of Ynamides with 2-Methoxyaroyl Chlorides. <i>Organic Letters</i> , 2015, 17, 4472-4475.	4.6	35
58	Identification of A Novel Small-Molecule Binding Site of the Fat Mass and Obesity Associated Protein (FTO). <i>Journal of Medicinal Chemistry</i> , 2015, 58, 7341-7348.	6.4	79
59	Synthesis of 2-Amino-1,3,4-oxadiazoles and 2-Amino-1,3,4-thiadiazoles via Sequential Condensation and I <sub>2</sub> -Mediated Oxidative C-O/C-S Bond Formation. <i>Journal of Organic Chemistry</i> , 2015, 80, 1018-1024.	3.2	102
60	Copper coordination polymers: tunable structures and a different activation effect of hydrogen peroxide for the degradation of methyl orange under visible light irradiation. <i>Dalton Transactions</i> , 2015, 44, 1406-1411.	3.3	38
61	Template-Induced Diverse Metal-Organic Materials as Catalysts for the Tandem Acylation-Nazarov Cyclization. <i>Chemistry - A European Journal</i> , 2014, 20, 16156-16163.	3.3	25
62	Metal-organic frameworks based on the [1,1'-3,3',1''-terphenyl]-3,3',5,5'-tetracarboxylic acid ligand: syntheses, structures and magnetic properties. <i>Dalton Transactions</i> , 2014, 43, 15475-15481.	3.3	22
63	Seven dicarboxylate-based coordination polymers with structural varieties and different solvent resistance properties derived from the introduction of small organic linkers. <i>CrystEngComm</i> , 2014, 16, 2615-2625.	2.6	17
64	Mn coordination polymers assembled from 8 or 9-connected trinuclear secondary building units: topology analysis and research of magnetic properties. <i>CrystEngComm</i> , 2014, 16, 8736-8746.	2.6	13
65	A concise approach to polysubstituted oxazoles from N-acyl-2-bromo enamides via a copper/amino acid-catalyzed intramolecular C-O bond formation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3912-3923.	2.8	17
66	I <sub>2</sub> -Mediated Oxidative N Bond Formation for Metal-Free One-Pot Synthesis of Di-, Tri-, and Tetrasubstituted Pyrazoles from I <sub>2</sub> /Unsaturated Aldehydes/Ketones and Hydrazines. <i>Journal of Organic Chemistry</i> , 2014, 79, 10170-10178.	3.2	117
67	Structural variability, topological analysis and photocatalytic properties of neoteric Cd coordination polymers based on semirigid bis(thiazolylbenzimidazole) and different types of carboxylic acid linkers. <i>Dalton Transactions</i> , 2014, 43, 12790-12799.	3.3	78
68	Synthesis of 5-epi-Taiwaniaquinone G. <i>Journal of Organic Chemistry</i> , 2014, 79, 6354-6359.	3.2	22
69	Design, synthesis, and biological evaluation of new 2-deoxy-2-fluoro-4-triazole cytidine nucleosides as potent antiviral agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 739-745.	5.5	42
70	Cation-exchange-induced single-crystal-to-single-crystal transformations of a nanoporous coordination complex. <i>Inorganic Chemistry Communication</i> , 2013, 32, 68-73.	3.9	13
71	Palladium-Catalyzed Direct Arylation for the Synthesis of Indeno[2,1-b]-pyrrol-8-ones. <i>Synlett</i> , 2012, 23, 2704-2706.	1.8	24
72	Three Ferrocenyl Thioether Carboxylate-Containing Functional Complexes: Syntheses, Crystal Structures, and Electrochemistry Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 345-350.	0.6	0

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73	Hydrothermal synthesis, structure characterization and luminescence property of three porous coordination polymers using a flexible tripodal amide containing linker. <i>Inorganic Chemistry Communication</i> , 2012, 15, 301-304.	3.9	12
74	Highly stable 3D homochiral coordination polymer with interweaving of double-stranded helices and extended metal-SO <sub>4</sub> -metal chains. <i>Inorganic Chemistry Communication</i> , 2012, 19, 23-26.	3.9	6
75	Preparation of hierarchical porous polypyrrole nanoclusters and their application for removal of Cr(vi) ions in aqueous solution. <i>Polymer Chemistry</i> , 2011, 2, 2893.	3.9	80
76	Construction of a series of mercury(II) complexes based on a bis-pyridyl-bis-amide ligand: Effect of counter anions, interactions on the supermolecular structures. <i>Inorganica Chimica Acta</i> , 2011, 378, 326-332.	2.4	12
77	Bis( $\frac{1}{4}$ -N,N'-tri-3-pyridylpyridine-1,3,5-tricarboxamide- $\frac{1}{2}$ N,N'-bis[dichloridomercury(II)] methanol disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m859-m859.	0.2	0
78	Syntheses, structures and magnetic properties of two new metal complexes based on a pyridyl-diphosphonate ligand. <i>Inorganica Chimica Acta</i> , 2010, 363, 662-668.	2.4	6
79	Solvent-Mediated Central Metals Transformation from a Tetranuclear Ni <sup>II</sup> Cage to a Decanuclear Cu <sup>II</sup> "Pocket". <i>Crystal Growth and Design</i> , 2010, 10, 3835-3837.	3.0	36
80	3D Coordination Framework with Uncommon Two-Fold Interpenetrated {3 <sup>5</sup> 9 <sup>6</sup> 3 <sup>3</sup> } <sub>2</sub> Cy Net and Coordinated Anion Exchange. <i>Chemistry - A European Journal</i> , 2009, 15, 4049-4056.		85
81	Construction of Two Discrete Molecular High-Nuclearity Copper(II) Complexes as Heterogeneous Catalysts for Oxidative Coupling Polymerisation of 2,6-Dimethylphenol. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2796-2803.	2.0	37
82	The synthesis of complexes using precursor complexes with ferrocenyl carboxylate units as building blocks. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 77-85.	1.8	8
83	Design and construction of two new polymers featuring macrocyclic subunits based on a rigid clamp-like ligand. <i>Inorganic Chemistry Communication</i> , 2009, 12, 750-754.	3.9	16
84	Dichloridobis[1-(2-methylbenzimidazol-1-ylmethyl- $\frac{1}{3}$ N <sub>3</sub> benzotriazole]mercury(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m829-m829.	0.2	6
85	A 4-fold interpenetrated metal-organic diamondoid framework: synthesis, crystal structure, and properties. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2316-2323.	2.2	4
86	Bis( $\frac{1}{4}$ -N,N'-di-3-pyridylpyridine-2,6-dicarboxamide)bis[dichloridomercury(II)]N,N-dimethylformamide disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m15-m16.	0.2	1
87	Bis( $\frac{1}{4}$ -N,N'-di-3-pyridyl-2,6-pyridine-2,6-dicarboxamide- $\frac{1}{2}$ N,N'-bis[dibromidomercury(II)]N,N-dimethylformamide disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m1263-m1263.	0.2	3
88	catena-Poly[[[diiodidomercury(II)]- $\frac{1}{4}$ -N,N'-di-3-pyridylpyridine-2,6-dicarboxamide] dimethylformamide solvate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m1533-m1533.	0.2	1
89	Highly Selective Ferric Ion Sorption and Exchange by Crystalline Metal Phosphonates Constructed from Tetrakisphosphonic Acids. <i>Inorganic Chemistry</i> , 2007, 46, 7960-7970.	4.0	52
90	Substitution, Addition, and Recombination Reactions of Precursor Complexes with Ferrocenyl Carboxylate Units. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 5234-5245.	2.0	32

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91	Studies on Cage-Type Tetranuclear Metal Clusters with Ferrocenylphosphonate Ligands. Chemistry - A European Journal, 2006, 12, 5823-5831.	3.3	74