

Jie Wu

List of Publications by Year in descending order

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91
papers

2,790
citations

136950

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197818

49
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all docs

107
docs citations

107
times ranked

3447
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystalline central-metal transformation in metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2016, 307, 130-146.	18.8	134
2	I ₂ -Mediated Oxidative C–N Bond Formation for Metal-Free One-Pot Synthesis of Di-, Tri-, and Tetrasubstituted Pyrazoles from 1,2-Unsaturated Aldehydes/Ketones and Hydrazines. <i>Journal of Organic Chemistry</i> , 2014, 79, 10170-10178.	3.2	117
3	Metal–Organic Framework (MOF)-Based Materials as Heterogeneous Catalysts for C–H Bond Activation. <i>Chemistry - A European Journal</i> , 2019, 25, 2935-2948.	3.3	103
4	Synthesis of 2-Amino-1,3,4-oxadiazoles and 2-Amino-1,3,4-thiadiazoles via Sequential Condensation and I ₂ -Mediated Oxidative C–O/C–S Bond Formation. <i>Journal of Organic Chemistry</i> , 2015, 80, 1018-1024.	3.2	102
5	3D Coordination Framework with Uncommon Two-Fold Interpenetrated {3 ⁵ ...5 ⁹ ...6 ³ } _q Net and Coordinated Anion Exchange. <i>Chemistry - A European Journal</i> , 2009, 15, 4049-4056.	A3.3	85
6	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
7	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
8	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
9	Structural variability, topological analysis and photocatalytic properties of neoteric Cd(<i>II</i>) 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
10	Studies on Cage-Type Tetranuclear Metal Clusters with Ferrocenylphosphonate Ligands. <i>Chemistry - A European Journal</i> , 2006, 12, 5823-5831.	3.3	74
11	Iodine/Copper Iodide-Mediated C–H Functionalization: Synthesis of Imidazo[1,2- <i>a</i>]pyridines and Indoles from <i>N</i> -Aryl Enamines. <i>Journal of Organic Chemistry</i> , 2016, 81, 9326-9336.	3.2	70
12	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
13	Efficient and Selective Visible-Light-Driven Oxidative Coupling of Amines to Imines in Air over CdS@Zr-MOFs. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2779-2787.	8.0	66
14	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
15	I ₂ /KI-Mediated Oxidative N–N Bond Formation for the Synthesis of 1,5-Fused 1,2,4-Triazoles from <i>N</i> -Aryl Amidines. <i>Journal of Organic Chemistry</i> , 2015, 80, 7219-7225.	3.2	62
16	Solvent Templates Induced Porous Metal–Organic Materials: Conformational Isomerism and Catalytic Activity. <i>Inorganic Chemistry</i> , 2015, 54, 1405-1413.	4.0	61
17	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
18	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

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19	Metal-Free [2 + 2 + 2] Cycloaddition of Ynamides with Nitriles to Construct 2,4-Diaminopyridines. <i>Organic Letters</i> , 2016, 18, 3390-3393.	4.6	43
20	I ₂ -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
21	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
22	A Highly Sensitive and Recyclable Ln-MOF Luminescent Sensor for the Efficient Detection of Fe ³⁺ and Cr ^{VI} Anions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3721-3727.	3.3	40
23	Copper(II) 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
24	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
25	AlCl ₃ -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
26	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
27	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
28	Solvent-Mediated Central Metals Transformation from a Tetranuclear Ni ^{II} Cage to a Decanuclear Cu ^{II} Pocket. <i>Crystal Growth and Design</i> , 2010, 10, 3835-3837.	3.0	36
29	Synthesis of 5-Amino and 3,5-Diamino Substituted 1,2,4-Thiadiazoles by I ₂ -Mediated Oxidative N-S Bond Formation. <i>Journal of Organic Chemistry</i> , 2017, 82, 5898-5903.	3.2	36
30	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
31	LINC00702/miR-4652-3p/ZEB1 axis promotes the progression of malignant meningioma through activating Wnt/β-catenin pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108718.	5.6	35
32	BiOI Particles Confined into Metal-Organic Framework NU-1000 for Valid Photocatalytic Hydrogen Evolution under Visible-Light Irradiation. <i>Inorganic Chemistry</i> , 2021, 60, 1352-1358.	4.0	33
33	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
34	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
35	Synthesis of Novel Imidazo[1,2-a]pyridin-2-amines from Arylamines and Nitriles via Sequential Addition and I ₂ /KI-Mediated Oxidative Cyclization. <i>Chemistry - A European Journal</i> , 2016, 22, 7617-7622.	3.3	30
36	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

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37	Halloysite nanotubes (HNTs)@ZIF-67 compositesâ€”a new type of heterogeneous catalyst for the Knoevenagel condensation reaction. Dalton Transactions, 2020, 49, 17621-17628.	3.3	30
38	Efficient Catalytic Performance for Acylation-Nazarov Cyclization Based on an Unusual Postsynthetic Oxidization Strategy in a Fe(II)-MOF. Inorganic Chemistry, 2018, 57, 10224-10231.	4.0	29
39	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
40	Templateâ€”Induced Diverse Metalâ€”Organic Materials as Catalysts for the Tandem Acylationâ€”Nazarov Cyclization. Chemistry - A European Journal, 2014, 20, 16156-16163.	3.3	25
41	Synthesis and Biological Evaluation of 4-Substituted Fluoronucleoside Analogs for the Treatment of Hepatitis B Virus Infection. Journal of Medicinal Chemistry, 2015, 58, 3693-3703.	6.4	25
42	Palladium-Catalyzed Direct Arylation for the Synthesis of Indeno[2,1-b]-pyrrol-8-ones. Synlett, 2012, 23, 2704-2706.	1.8	24
43	LINC01116 facilitates colorectal cancer cell proliferation and angiogenesis through targeting EZH2-regulated TPM1. Journal of Translational Medicine, 2021, 19, 45.	4.4	24
44	Construction of porous 2D MOF nanosheets for rapid and selective adsorption of cationic dyes. Dalton Transactions, 2021, 50, 3348-3355.	3.3	24
45	Metalâ€”organic frameworks based on the [1,1â€”3â€”,1â€”2â€”terphenyl]-3,3â€”5,5â€”tetracarboxylic acid ligand; syntheses, structures and magnetic properties. Dalton Transactions, 2014, 43, 15475-15481.	3.3	22
46	Synthesis of 5-epi-Taiwaniaquinone G. Journal of Organic Chemistry, 2014, 79, 6354-6359.	3.2	22
47	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
48	Coâ€”Clusterâ€”Based Metalâ€”Organic Frameworks as Selective Catalysts for Benzene Tandem Acylationâ€”Nazarov Cyclization to Benzocyclopentanone. Chemistry - A European Journal, 2018, 24, 1416-1424.	3.3	21
49	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
50	Iodine/Copper(I)â€”Catalyzed Direct Annulation of <i>N</i> -Benzimidazolyl Amidines with Aldehydes for the Synthesis of <i>Ortho</i> -Fused 1,3,5-Triazines. Advanced Synthesis and Catalysis, 2018, 360, 86-92.	4.3	20
51	Selective synthesis of 2,5-disubstituted furan-3-carboxylates and the isomeric 2,4-disubstituted furan-3-carboxylates. RSC Advances, 2015, 5, 79906-79914.	3.6	19
52	Seven dicarboxylate-based coordination polymers with structural varieties and different solvent resistance properties derived from the introduction of small organic linkers. CrystEngComm, 2014, 16, 2615-2625.	2.6	17
53	A concise approach to polysubstituted oxazoles from <i>N</i> -acyl-2-bromo enamides via a copper(II)/amino acid-catalyzed intramolecular Câ€”O bond formation. Organic and Biomolecular Chemistry, 2014, 12, 3912-3923.	2.8	17
54	Cu(I)-Based Metalâ€”Organic Frameworks as Efficient and Recyclable Heterogeneous Catalysts for Aqueous-Medium Câ€”H Oxidation. Crystal Growth and Design, 2019, 19, 976-982.	3.0	17

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55	UiO-66-NH ₂ Octahedral Nanocrystals Decorated with ZnFe ₂ O ₄ Nanoparticles for Photocatalytic Alcohol Oxidation. ACS Applied Nano Materials, 2022, 5, 2231-2240.	5.0	17
56	Design and construction of two new polymers featuring macrocyclic subunits based on a rigid clamp-like ligand. Inorganic Chemistry Communication, 2009, 12, 750-754.	3.9	16
57	A Hofmann Rearrangement–Ring Expansion Cascade for the Synthesis of 1-Pyrrolines: Application to the Synthesis of 2,3-Dihydro-1H-pyrrolo[2,1-a]isoquinolinium Salts. Advanced Synthesis and Catalysis, 2016, 358, 1130-1135.	4.3	15
58	Design, synthesis, and biological evaluation of new 1,2,3-triazolo-2'-deoxy-2'-fluoro-4'-azido nucleoside derivatives as potent anti-HBV agents. European Journal of Medicinal Chemistry, 2018, 143, 137-149.	5.5	15
59	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
60	Cu(II) coordination polymers (CPs) as tandem catalysts for three-component sequential click/alkynylation cycloaddition reaction with regiocontrol. Dalton Transactions, 2018, 47, 16895-16901.	3.3	14
61	Cation-exchange-induced single-crystal-to-single-crystal transformations of a nanoporous coordination complex. Inorganic Chemistry Communication, 2013, 32, 68-73.	3.9	13
62	Mn(II) coordination polymers assembled from 8 or 9-connected trinuclear secondary building units: topology analysis and research of magnetic properties. CrystEngComm, 2014, 16, 8736-8746.	2.6	13
63	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. Inorganica Chimica Acta, 2011, 378, 326-332.	2.4	12
64	Hydrothermal synthesis, structure characterization and luminescence property of three porous coordination polymers using a flexible tripodal amide containing linker. Inorganic Chemistry Communication, 2012, 15, 301-304.	3.9	12
65	Discovery of an Orally Active and Liver-Targeted Prodrug of 5-Fluoro-2-Deoxyuridine for the Treatment of Hepatocellular Carcinoma. Journal of Medicinal Chemistry, 2016, 59, 3661-3670.	6.4	12
66	Co(II)-cluster-based metal-organic frameworks as efficient heterogeneous catalysts for selective oxidation of arylalkanes. CrystEngComm, 2019, 21, 1666-1673.	2.6	12
67	Functional Group Regulated Ni/Ti ₃ C ₂ T _x (T _x = F, OH) Holding Bimolecular Activation Tunnel for Enhanced Ammonia Borane Hydrolysis. ACS Applied Materials & Interfaces, 2022, 14, 16320-16329.	8.0	12
68	Comparison of Two Techniques of Laparoscopy-Assisted Peritoneal Vaginoplasty. Journal of Minimally Invasive Gynecology, 2016, 23, 346-351.	0.6	10
69	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. Organic and Biomolecular Chemistry, 2017, 15, 379-386.	2.8	10
70	The synthesis of complexes using precursor complexes with ferrocenyl carboxylate units as building blocks. Journal of Organometallic Chemistry, 2009, 694, 77-85.	1.8	8
71	Microcrystalline Zinc Coordination Polymers as Single-site Heterogeneous Catalysts for the Selective Synthesis of Mono-oxazolines from Amino Alcohol and Dinitriles. Chemistry - an Asian Journal, 2016, 11, 1856-1862.	3.3	8
72	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

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73	Dichloridobis[1-(2-methylbenzimidazol-1-ylmethyl- \hat{N} 3)benzotriazole]mercury(II). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m829-m829.	0.2	6
74	Syntheses, structures and magnetic properties of two new metal complexes based on a pyridyl-diphosphonate ligand. Inorganica Chimica Acta, 2010, 363, 662-668.	2.4	6
75	Highly stable 3D homochiral coordination polymer with interweaving of double-stranded helices and extended metal-SO ₄ -metal chains. Inorganic Chemistry Communication, 2012, 19, 23-26.	3.9	6
76	Gap Junctions Contribute to Ictal/Interictal Genesis in Human Hypothalamic Hamartomas. EBioMedicine, 2016, 8, 96-102.	6.1	6
77	Heterogeneity of cannabinoid ligand-induced modulations in intracellular Ca ²⁺ signals of mouse pancreatic acinar cells in vitro. Acta Pharmacologica Sinica, 2019, 40, 410-417.	6.1	6
78	ZnS Scheme In₂S₃/NUâ€1000 Heterojunction for Boosting Photoâ€Oxidation of Sulfide into Sulfoxide under Ambient Conditions. Chemistry - A European Journal, 2022, 28, .	3.3	6
79	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
80	A 4-fold interpenetrated metal-organic diamondoid framework: synthesis, crystal structure, and properties. Journal of Coordination Chemistry, 2009, 62, 2316-2323.	2.2	4
81	Synthesis of pyrrol-pyridazol-triazolyl-pyridines via Cu(I)-catalyzed azide-alkyne 1,3-dipolar cycloaddition reaction. Synthetic Communications, 2016, 46, 1118-1123.	2.1	4
82	Design, synthesis, and biological evaluation of novel 2â€2-deoxy-2â€2-fluoro-2â€2-C-methyl 8-azanebularine derivatives as potent anti-HBV agents. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1291-1297.	2.2	4
83	Thermal steam reduction etching to construct POM@CuI-CuI-BTC with hierarchical porosity for adsorption property enhancement. Chemical Engineering Journal, 2022, 450, 137966.	12.7	4
84	Coordinationâ€Induced NâˆH Bond Splitting of Ammonia and Primary Amine of Cu^IâˆMOFs. Chemistry - A European Journal, 2021, 27, 9499-9502.	3.3	3
85	Bis($\hat{1}/4$ -N,Nâ€2-di-3-pyridyl-2,6-pyridine-2,6-dicarboxamide- \hat{N} 2N:Nâ€2)bis[dibromidomercury(II)]N,N-dimethylformamide disolvate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m1263-m1263.	0.2	3
86	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
87	Palladium-catalyzed intramolecular carbonyl \hat{I} -arylation for the synthesis of 2-tetralones. Tetrahedron Letters, 2019, 60, 726-728.	1.4	1
88	catena-Poly[[[diiodidomercury(II)]- $\hat{1}/4$ -N,Nâ€2-di-3-pyridylpyridine-2,6-dicarboxamide] dimethylformamide solvate]. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m1533-m1533.	0.2	1
89	Bis($\hat{1}/4$ -N,Nâ€2-di-3-pyridylpyridine-2,6-dicarboxamide)bis[dichloridomercury(II)]N,N-dimethylformamide disolvate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m15-m16.	0.2	1
90	Bis($\hat{1}/4$ -N,Nâ€2,Nâ€2â€2-tri-3-pyridylpyridine-1,3,5-tricarboxamide- \hat{N} 2N:Nâ€2)bis[dichloridomercury(II)] methanol disolvate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m859-m859.	0.2	0

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91	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