

# Wei-Guo Jia

## List of Publications by Year in descending order

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57  
papers

2,025  
citations

279487

23  
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61  
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61  
docs citations

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times ranked

1801  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stepwise formation of organometallic macrocycles, prisms and boxes from Ir, Rh and Ru-based half-sandwich units. <i>Chemical Society Reviews</i> , 2009, 38, 3419.	18.7	307
2	Extending Rectangular Metal-Organic Frameworks to the Third Dimension: Discrete Organometallic Boxes for Reversible Trapping of Halocarbons Occurring with Conservation of the Lattice. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6234-6238.	7.2	152
3	Cooperative Effect of Silver in Copper-Catalyzed Trifluoromethylation of Aryl Iodides Using $\text{Me}_3\text{SiCF}_3$ . <i>Organometallics</i> , 2011, 30, 3229-3232.	1.1	139
4	Template-controlled topochemical photodimerization based on organometallic macrocycles through single-crystal to single-crystal transformation. <i>Chemical Communications</i> , 2008, , 1807.	2.2	131
5	Syntheses and structures of half-sandwich iridium(iii) and rhodium(iii) complexes with organochalcogen (S, Se) ligands bearing N-methylimidazole and their use as catalysts for norbornene polymerization. <i>Dalton Transactions</i> , 2008, , 5612.	1.6	97
6	Stepwise Formation of Tetra- and Hexanuclear Iridium and Rhodium Complexes Containing Oxalato Ligands. <i>Organometallics</i> , 2007, 26, 5848-5853.	1.1	81
7	Half-Sandwich Ruthenium Complexes with Schiff-Base Ligands: Syntheses, Characterization, and Catalytic Activities for the Reduction of Nitroarenes. <i>Organometallics</i> , 2016, 35, 503-512.	1.1	78
8	Synthesis, Characterization, and Electrochemical Properties of Molecular Rectangles of Half-Sandwich Iridium Complexes Containing Bridging Chloranilate Ligands. <i>Organometallics</i> , 2008, 27, 4088-4097.	1.1	61
9	Nickel Complexes and Cobalt Coordination Polymers with Organochalcogen (S, Se) Ligands Bearing an N-Methylimidazole Moiety: Syntheses, Structures, and Properties. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4063-4073.	1.0	60
10	Stepwise Formation of Molecular Rectangles of Half-Sandwich Rhodium and Ruthenium Complexes Containing Bridging Chloranilate Ligands. <i>Organometallics</i> , 2008, 27, 5002-5008.	1.1	49
11	Stepwise Formation of Half-Sandwich Iridium-Based Rectangles Containing 2,5-Diarylamino-1,4-benzoquinone Derivatives Linkers. <i>Organometallics</i> , 2009, 28, 3459-3464.	1.1	48
12	$\text{Fe}_2\text{O}_3$ @N-doped Porous Carbon: A High-Performance Catalyst for Selective Hydrogenation of Nitro Compounds. <i>ChemCatChem</i> , 2019, 11, 724-728.	1.8	41
13	Polymerization of 1,3-butadiene catalyzed by pincer cobalt(II) complexes derived from 2-(1-arylimino)-6-(pyrazol-1-yl)pyridine ligands. <i>Applied Catalysis A: General</i> , 2013, 464-465, 35-42.	2.2	39
14	Synthesis and characterization of gold complexes with pyridine-based SNS ligands and as homogeneous catalysts for reduction of 4-nitrophenol. <i>RSC Advances</i> , 2015, 5, 29491-29496.	1.7	33
15	Synthesis and Characterization of Binuclear Half-Sandwich Iridium and Rhodium Carbene Complexes Containing 1,2-Dichalcogenolato Carborane or Carbonato Ligands. <i>Organometallics</i> , 2008, 27, 6035-6038.	1.1	30
16	Synthesis, characterization and olefin polymerization of the nickel catalysts supported by [N,S] ligands. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 86-90.	0.8	30
17	Synthesis and structural determination of binuclear nine-coordinate $(\text{NH}_4)_4[\text{Yb}_2(\text{dtpa})_2] \cdot 9\text{H}_2\text{O}$ . <i>Journal of Molecular Structure</i> , 2002, 613, 189-193.	1.8	29
18	Half-sandwich Ir-based neutral organometallic macrocycles containing pyridine-4-thiolato ligands. <i>Dalton Transactions</i> , 2009, , 2077.	1.6	29

#	ARTICLE	IF	CITATIONS
19	Half-Sandwich Ruthenium Phenolateâ€“Oxazoline Complexes: Experimental and Theoretical Studies in Catalytic Transfer Hydrogenation of Nitroarene. <i>Organometallics</i> , 2018, 37, 40-47.	1.1	29
20	Synthesis and characterization of bisoxazolines- and pybox-copper(II) complexes and their application in the coupling of $\alpha$ -carbonyls with functionalized amines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5509-5516.	1.5	27
21	Synthesis, structures and catalytic activities of half-sandwich ruthenium complexes based on Schiff Base ligands. <i>Inorganic Chemistry Communication</i> , 2016, 66, 15-18.	1.8	26
22	Coordinate Structures of PrIII, GdIII, TmIII, and YbIII Complexes with Nitrilotriacetic Acids. <i>Journal of Structural Chemistry</i> , 2004, 45, 114-123.	0.3	24
23	Synthesis, characterization of novel half-sandwich iridium and rhodium complexes containing pyridine-based organochalcogen ligands. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4008-4013.	0.8	24
24	High Selectivity of Hydrogenation Reaction over $\text{Co}^{0.15}/\text{C}/\text{PC}$ Catalyst at Room Temperature. <i>Inorganic Chemistry</i> , 2019, 58, 6137-6142.	1.9	24
25	Synthesis and characterization of half-sandwich iridium(III) and rhodium(III) complexes bearing organochalcogen ligands. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3376-3380.	0.8	23
26	Synthesis, characterization and catalytic activity of gold complexes with pyridine-based selone ligands. <i>Inorganica Chimica Acta</i> , 2016, 450, 315-320.	1.2	23
27	Stepwise formation of metallo-prisms of iridium and rhodium complexes bearing pentamethylcyclopentadienyl ligands. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 546-550.	0.8	22
28	Synthesis, Characterization, and Catalytic Activities of Palladium Complexes with Phenylene-Bridged Bis(thione) Ligands. <i>Organometallics</i> , 2019, 38, 1946-1954.	1.1	21
29	NHC-Palladium(II) Mononuclear and Binuclear Complexes Containing Phenylene-Bridged Bis(thione) Ligands: Synthesis, Characterization, and Catalytic Activities. <i>Organometallics</i> , 2020, 39, 1790-1798.	1.1	21
30	Syntheses and structural researches of nine-coordinate $(\text{NH}_4)_2[\text{ErIII}(\text{Httha})] \cdot 6\text{H}_2\text{O}$ and ten-coordinate $(\text{CH}_3\text{NH}_3)_3[\text{NdIII}(\text{ttha})] \cdot \text{CH}_3\text{NH}_2 \cdot 4\text{H}_2\text{O}$ . <i>Journal of Molecular Structure</i> , 2003, 644, 29-36.	1.8	20
31	Syntheses and Structural Researches of Nine-Coordinated $(\text{NH}_4)[\text{EuIII}(\text{Edta})(\text{H}_2\text{O})_3] \cdot \text{H}_2\text{O}$ and $(\text{NH}_4)_3[\text{EuIII}(\text{Ttha})] \cdot 5\text{H}_2\text{O}$ . <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2004, 30, 130-136.	0.3	19
32	Six Zn(II) and Cd(II) coordination polymers assembled from a similar binuclear building unit: tunable structures and luminescence properties. <i>Dalton Transactions</i> , 2015, 44, 6731-6739.	1.6	19
33	Syntheses and structural determination of nine-coordinate $\text{K}_3[\text{NdIII}(\text{nta})_2(\text{H}_2\text{O})] \cdot 6\text{H}_2\text{O}$ and $\text{K}_3[\text{ErIII}(\text{nta})_2(\text{H}_2\text{O})] \cdot 5\text{H}_2\text{O}$ . <i>Journal of Molecular Structure</i> , 2002, 611, 39-46.	1.8	18
34	Half-sandwich ruthenium complexes with oxygenâ€“nitrogen mixed ligands as efficient catalysts for nitrile hydration reaction. <i>Polyhedron</i> , 2017, 138, 1-6.	1.0	18
35	Syntheses and structural determination of nine-coordinate $\text{K}_3[\text{NdIII}(\text{nta})_2(\text{H}_2\text{O})] \cdot 6\text{H}_2\text{O}$ and $\text{K}_3[\text{ErIII}(\text{nta})_2(\text{H}_2\text{O})] \cdot 5\text{H}_2\text{O}$ . <i>Journal of Molecular Structure</i> , 2002, 610, 151-158.	1.8	17
36	Syntheses, characterization and catalytic activities of half-sandwich ruthenium complexes with naphthalene-based Schiff base ligands. <i>Journal of Coordination Chemistry</i> , 2017, 70, 848-858.	0.8	17

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37	Half-sandwich cycloruthenated complexes from aryloxazolines: synthesis, structures, and catalytic activities. <i>Dalton Transactions</i> , 2016, 45, 14230-14237.	1.6	16
38	Effect of the amide groups on superoxide dismutation catalyzed by copper(II) complexes of adamantane. <i>Inorganica Chimica Acta</i> , 2015, 426, 211-220.	1.2	15
39	Synthesis, structure and superoxide dismutase-like activity of copper(II) complexes based on N,N'-bis(2-quinolinylmethyl)amantadine. <i>Polyhedron</i> , 2015, 85, 849-856.	1.0	14
40	Two cadmium(II) complexes with oxazoline-based ligands as effective catalysts for C-N cross-coupling reactions. <i>Inorganica Chimica Acta</i> , 2015, 427, 226-231.	1.2	13
41	One-pot synthesis of acyloxy carbonyl compounds from ketones using a Pybox copper(ii) catalyst. <i>RSC Advances</i> , 2016, 6, 27590-27593.	1.7	13
42	Synthesis and characterization of half-sandwich Ir and Ru complexes containing Mnt ligand (Mnt=maleonitriledithiolate). <i>Inorganic Chemistry Communication</i> , 2007, 10, 1222-1225.	1.8	11
43	Synthesis of six 8-quinolate-based ruthenium complexes with high catalytic activity for nitroarene reduction. <i>Polyhedron</i> , 2018, 153, 69-75.	1.0	9
44	A ruthenium bisoxazoline complex as a photoredox catalyst for nitro compound reduction under visible light. <i>Dalton Transactions</i> , 2019, 48, 9949-9953.	1.6	9
45	Half-sandwich ruthenium complexes with Schiff base ligands bearing a hydroxyl group: Preparation, characterization and catalytic activities. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5289.	1.7	9
46	Postsynthetic Modification of Half-Sandwich Ruthenium Complexes by Mechanochemical Synthesis. <i>Inorganic Chemistry</i> , 2021, 60, 4313-4321.	1.9	8
47	Preparation and structure of zinc complexes containing pincer ligands and their application for Knoevenagel condensation in water. <i>Journal of Coordination Chemistry</i> , 2015, 68, 220-228.	0.8	7
48	Preparation, crystal structures and properties of half-sandwich ruthenium complexes containing salicylbenzoxazole ligands. <i>Journal of Coordination Chemistry</i> , 2016, 69, 48-56.	0.8	7
49	Synthesis, characterization, and catalytic activity of half-sandwich ruthenium complexes with pyridine/phenylene bridged NHC = E (NHC = N-heterocyclic carbene, E = S, Se) ligands. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5651.	1.7	6
50	Copper(II) complex with oxazoline ligand: Synthesis, structures and catalytic activity for nitro compounds reduction. <i>Journal of Molecular Structure</i> , 2020, 1217, 128349.	1.8	6
51	Preparation, structures, and properties of nickel complexes containing 2,6-bis[4-(dimethyloxazolin-2-yl)pyridine], a pincer ligand. <i>Journal of Coordination Chemistry</i> , 2014, 67, 363-371.	0.8	5
52	Mechanochemical synthesis of half-sandwich iridium/rhodium complexes with 8-hydroxyquinoline derivatives ligands. <i>Applied Organometallic Chemistry</i> , 0, , e6588.	1.7	4
53	Half-sandwich rhodium complexes with phenylene-based SCS ligands: Synthesis, characterization and catalytic activities for transfer hydrogenation of ketones. <i>Polyhedron</i> , 2021, 195, 114978.	1.0	3
54	Crystal structure of 3,3'-diisopropyl-1,1'-bis[2-(pyridine-2,6-diyl)imidazole-2-thione]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o255-o255.	0.2	2

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55	Coordination-driven self-assembly vs dynamic covalent chemistry: versatile methods for the synthesis of molecular metallarectangles. Beilstein Journal of Organic Chemistry, 2018, 14, 2027-2034.	1.3	2
56	Free-radical reaction synthesis of carbon using nitrogenous organic molecules and CCl <sub>4</sub> . New Journal of Chemistry, 2018, 42, 17407-17411.	1.4	1
57	Preparation, crystal structures and properties of zinc complexes containing Bis(oxazoline) ligand. Journal of Molecular Structure, 2015, 1102, 210-215.	1.8	0