

# Guo-Xin Jin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167  
papers

6,463  
citations

45  
h-index

74  
g-index

176  
ext. papers

7,333  
ext. citations

8.6  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
167	Rational Design and Integrative Assembly of Heteromeric Metalla[2]Catenanes Featuring Cp*Ir/Rh Fragments.. <i>Chemistry - A European Journal</i> , <b>2022</b> , 28, e202104617	4.8	
166	Highly Selective Separation of Benzene and Cyclohexane in a Spatially Confined Carborane Metallacage.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	9
165	Guest Encapsulation and Self-Assembly of a Box-like Metalla-Rectangle Featuring Cp*Rh Fragments. <i>Journal of Organometallic Chemistry</i> , <b>2022</b> , 122353	2.3	1
164	Synthesis and Near-Infrared Photothermal Conversion of Discrete Supramolecular Topologies Featuring Half-Sandwich [Cp*Rh] Units. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 17833-17842	16.4	5
163	Selective Construction of Very Large Stacking-Interaction-Induced Molecular 8 Metalla-knots and Borromean Ring Using Curved Dipyridyl Ligands. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 1119-1125	16.4	23
162	Steric-Effects-Directed B-H Bond Activation of -Carboranes. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 5099-5105	16.4	14
161	Stimuli-Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15594-15599	3.6	0
160	Innenstruktur: Stimuli-Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties (Angew. Chem. 28/2021). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15791-15791	3.6	
159	Stimuli-Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15466-15471	16.4	4
158	Selective Construction of Trefoil knots and a Molecular Borromean Ring Induced by Steric Hindrance of Thioether Ligands. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 1918-1924	4.5	2
157	Coordination-Driven Selective Formation of D Symmetric Octanuclear Organometallic Cages. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9524-9528	4.8	0
156	Construction of organometallic trefoil knots and one-dimensional chains featuring half-sandwich Cp*Rh corner units and an abnormal zwitterion ligand. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 231-238	5.2	3
155	Adaptive Self-Assembly and Induced-Fit Interconversions between Molecular Borromean Rings, Russian Dolls and Ring-in-Ring Complexes $\square$ <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 360-366	4.9	5
154	Regioselective B $\square$ /C $\square$ Bond Activation at Azo-Substituted Carboranes Induced by Half-Sandwich Iridium(III) Complex. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 281-287	4.9	4
153	Transition metal-mediated B(4)-H hydroxylation/halogenation of o-carboranes bearing a 2-pyridylsulfenyl ligand. <i>Chemical Communications</i> , <b>2021</b> , 57, 2412-2415	5.8	9
152	Stepwise B $\square$ bond activation of a meta-carborane. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 4349-4355	6.8	3
151	Selective construction and stability studies of a molecular trefoil knot and Solomon link. <i>Dalton Transactions</i> , <b>2021</b> , 50, 16984-16989	4.3	6

150	Same knot, longer rope: altering ligand geometry provides control over nuclearity in self-assembled trefoil knots. <i>Chemical Communications</i> , <b>2021</b> , 57, 9772-9775	5.8	3
149	An "All-in-One" Synthetic Strategy for Linear Metalla[4]Catenanes. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12404-12411	16.4	7
148	Regioselective B(3)-H bond activation based on an o-carboranyl dithiocarboxylate ligand and its derivatives. <i>Dalton Transactions</i> , <b>2021</b> , 50, 1060-1068	4.3	3
147	Coordination-Directed Construction of Molecular Links. <i>Chemical Reviews</i> , <b>2020</b> , 120, 6288-6325	68.1	85
146	A template-free strategy for the synthesis of highly stable trefoil knots. <i>Journal of Organometallic Chemistry</i> , <b>2020</b> , 912, 121172	2.3	4
145	Template-Free Self-Assembly of Molecular Trefoil Knots and Double Trefoil Knots Featuring Cp*Rh Building Blocks. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 5093-5099	4.8	10
144	s-Block metal ions induce structural transformations between figure-eight and double trefoil knots. <i>Chemical Science</i> , <b>2020</b> , 11, 1226-1232	9.4	20
143	Dihydrogen Bond Interaction Induced Separation of Hexane Isomers by Self-Assembled Carborane Metallacycles. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 8532-8538	16.4	44
142	Discrete Supramolecular Stacks Based on Multinuclear Tweezer-Type Rhodium Complexes. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 558-563	4.8	2
141	Self-Assembly of Molecular Figure-Eight Knots Induced by Quadruple Stacking Interactions. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18946-18954	16.4	15
140	Selective synthesis and structural transformation between a molecular ring-in-ring architecture and an abnormal trefoil knot. <i>Chemical Science</i> , <b>2020</b> , 11, 8013-8019	9.4	5
139	Stereoselective Synthesis of a Topologically Chiral Solomon Link. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 13667-13671	16.4	22
138	A hierarchical assembly strategy for near-infrared photothermal conversion: unconventional heterogeneous metalla[2]catenanes. <i>Chemical Science</i> , <b>2020</b> , 11, 11509-11513	9.4	11
137	Self-assembly of metalla[3]catenanes, Borromean rings and ring-in-ring complexes using a simple $\pi$ donor unit. <i>National Science Review</i> , <b>2020</b> , 7, 1548-1556	10.8	28
136	Reversible Structural Transformation between a Molecular Solomon Link and an Unusual Unsymmetrical Trefoil Knot. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 16057-16063	16.4	37
135	Innentitelbild: Selektive Synthese von Iridium(III)-Metalla[2]catenanen durch Präorganisation der Komponenten über $\pi$ Wechselwirkungen (Angew. Chem. 18/2019). <i>Angewandte Chemie</i> , <b>2019</b> , 131, 5830-5830	3.6	
134	Selective Synthesis of Discrete Mono-, Interlocked-, and Borromean Ring Ensembles Based on a $\pi$ Electron-Deficient Ligand. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 2712-2718	4.5	12
133	Covalent Post-assembly Modification Triggers Structural Transformations of Borromean Rings. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 9160-9164	16.4	42

132	Coordination-driven self-assembly of a molecular figure-eight knot and other topologically complex architectures. <i>Nature Communications</i> , <b>2019</b> , 10, 2057	17.4	43
131	Design of and Stability Studies on Trefoil Knots Featuring RhCp* Building Blocks. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 9721-9727	4.8	14
130	Coordination-driven self-assembly of Cp*Rh-Based Rectangles, Cages and Their Host-Guest Binding Study. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4926	3.1	1
129	Highly Selective Synthesis of Iridium(III) Metalla[2]catenanes through Component Pre-Orientation by $\pi$ - $\pi$ Stacking. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5882-5886	16.4	36
128	Metalloradicals Supported by a meta-Carborane Ligand. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8129-8133	16.4	11
127	Supramolecular catalysis based on discrete heterometallic coordination-driven metallacycles and metallacages. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 386, 69-84	23.2	97
126	Selektive Synthese von Iridium(III)-Metalla[2]catenanen durch Präorganisation der Komponenten über $\pi$ -Wechselwirkungen. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 5941-5946	3.6	10
125	Donor-Acceptor [2]- and [3]Catenanes Assembled from Versatile Pre-Organized Cp*Rh/Ir-Directed Pseudorotaxane Tectons. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 14785-14789	4.8	11
124	Dynamic Interconversion between Solomon Link and Trapezoidal Metallacycle Ensembles Accompanying Conformational Change of the Linker. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15687-15693	4.8	10
123	Metalloradicals Supported by a meta-Carborane Ligand. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 8213-8217	3.6	2
122	Coordination-driven self-assembly of Cp*Rh-based rectangles in novel families of hetero-bimetallic metal-organic frameworks. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4759	3.1	
121	Iridium-induced regioselective B-H and C-H activations at azo-substituted m-carboranes: facile access to polynuclear complexes. <i>Chemical Communications</i> , <b>2018</b> , 55, 210-213	5.8	7
120	Controllable assembly of rectangular macrocycles bearing different numbers of unsaturated sites based on half-sandwich iridium fragments. <i>Dalton Transactions</i> , <b>2018</b> , 47, 6378-6385	4.3	3
119	Construction of half-sandwich rhodium- and iridium-based metallamacrocycles with different space conformations via isomeric pyridyl-substituted ligands. <i>Journal of Coordination Chemistry</i> , <b>2018</b> , 71, 1959-1970 <sup>1</sup>	1.6	1
118	Light-initiated reversible conversion of macrocyclic endoperoxides derived from half-sandwich rhodium-based metallarectangles. <i>Dalton Transactions</i> , <b>2018</b> , 47, 2769-2777	4.3	9
117	Stacking-interaction-induced host-guest chemistry and Borromean rings based on a polypyridyl ligand. <i>Chemical Communications</i> , <b>2018</b> , 54, 1559-1562	5.8	25
116	Host-guest capability of a three-dimensional heterometallic macrocycle. <i>Dalton Transactions</i> , <b>2018</b> , 47, 2240-2246	4.3	23
115	Palladium-promoted sulfur atom migration on carboranes: facile B(4) $\pi$ bond formation from mononuclear Pd-B(4) complexes. <i>Pure and Applied Chemistry</i> , <b>2018</b> , 90, 607-616	2.1	0

114	Molecular Borromean Rings Based on Half-Sandwich Organometallic Rectangles. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 2148-2158	24.3	110
113	Control of Heterometallic Three-Dimensional Macrocycles with Aromatic Stacks in Tunable Host Cavities. <i>Chinese Journal of Chemistry</i> , <b>2018</b> , 36, 594-598	4.9	12
112	Construction of half-sandwich multinuclear complexes including tunnel architectures via C-H-activation-directed assembly. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7701-7708	4.3	3
111	Selective Encapsulation and Separation of Dihalobenzene Isomers with Discrete Heterometallic Macrocages. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18819-18819	4.8	
110	Selective Encapsulation and Separation of Dihalobenzene Isomers with Discrete Heterometallic Macrocages. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18913-18921	4.8	10
109	Rational Design and Self-Assembly of Molecular Squares Featuring Cp*M (M = Rh, Ir) Vertices Bridged by Phenanthroline-Derived Ligands. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 6911-6917	3.5	4
108	Regioselective B-H/C-H activation and metal-metal bond formation induced by half-sandwich metals complexes at hydroxy-substituted o-carboranes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 13641-13646	4.3	6
107	Synthesis of Heterobimetallic Complexes by Coordination of Rhodium(III) and Iridium(III) Poly-N,O-NHC Complexes to Silver(I), Copper(II), and Zinc(II). <i>Organometallics</i> , <b>2018</b> , 37, 1801-1812	3.8	5
106	Iridium-Induced Regioselective B-H and C-H Activations at Azo-Substituted o-Carboranes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 10270-10270	4.8	
105	Preparation of polynuclear NHC complexes by post-synthetic modification of half-sandwich rhodium and iridium complexes bearing C-azoloto ligands. <i>Dalton Transactions</i> , <b>2018</b> , 47, 9442-9452	4.3	8
104	Iridium-Induced Regioselective B-H and C-C Activations at Azo-Substituted o-Carboranes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 10357-10363	4.8	13
103	Photodriven single-crystal-to-single-crystal transformation. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 346, 112-122	23.2	83
102	Stacking Interactions Induced Selective Conformation of Discrete Aromatic Arrays and Borromean Rings. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 1653-1660	16.4	87
101	Syntheses, Structures, and Solution Studies of Multicomponent Macrocycles and Cages Based on Versatile Ligands. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11133-11140	4.8	7
100	Controllable construction of half-sandwich octanuclear complexes based on pyridyl-substituted ligands with conjugated centers. <i>Dalton Transactions</i> , <b>2017</b> , 46, 8190-8197	4.3	12
99	Selective B(4)-H Activation of an o-Carboranylthioamide Based on a Palladium Precursor. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 1814-1819	4.8	20
98	Efficient synthesis of carborane azo derivatives and their reactivity. <i>Dalton Transactions</i> , <b>2017</b> , 46, 1585-1592	4.9	17
97	Construction of Surface-Metalated Pillar[5]arenes which Bind Anions via Anion-π Interactions. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14438-14442	16.4	49

- 96 The synthesis and reactivity of 16-electron half-sandwich iridium complexes bearing a carboranylthioamide ligand. *Dalton Transactions*, **2017**, 46, 15535-15540 4.3 8
- 95 Heterooctamolybdate-Based Clusters H[(Cp\*Rh)PMoO] and H[Na(Cp\*Ir)PMoO] and Derived Hybrid Nanomaterials with Efficient Electrocatalytic Hydrogen Evolution Reaction Activity. *Inorganic Chemistry*, **2017**, 56, 12520-12528 5.1 9
- 94 Stepwise construction of discrete parallelogram- and prism-shaped organometallic architectures based on half-sandwich rhodium fragments. *Dalton Transactions*, **2017**, 46, 10498-10503 4.3 2
- 93 Molecular Borromean Rings Based on Dihalogenated Ligands. *CheM*, **2017**, 3, 110-121 16.2 79
- 92 B H activation of carboranes induced by late transition metals. *Coordination Chemistry Reviews*, **2017**, 350, 300-319 23.2 93
- 91 Recent advances in the construction and applications of heterometallic macrocycles and cages. *Coordination Chemistry Reviews*, **2017**, 344, 323-344 23.2 100
- 90 Metallacyclic assembly of interlocked superstructures. *Coordination Chemistry Reviews*, **2017**, 333, 1-26 23.2 74
- 89 Iridium(III) Complexes Bearing Chelating Bis-NHC Ligands and Their Application in the Catalytic Reduction of Imines. *European Journal of Inorganic Chemistry*, **2016**, 2016, 4598-4603 2.3 22
- 88 Facile Separation of Regioisomeric Compounds by a Heteronuclear Organometallic Capsule. *Journal of the American Chemical Society*, **2016**, 138, 10700-7 16.4 78
- 87 Construction of tetranuclear metallacycles based on half-sandwich Ir, Rh fragments and pyridyl-substituted ligands with different coordinate vectors. *Dalton Transactions*, **2016**, 45, 4534-40 4.3 9
- 86 Half-sandwich rhodium and iridium metallamacrocycles constructed via C-H activation. *Dalton Transactions*, **2016**, 45, 7014-21 4.3 4
- 85 A nonanuclear triangular macrocycle and a linear heptanuclear heterometallic complex based on a 2-substituted imidazole-4,5-dicarboxylate ligand. *Dalton Transactions*, **2016**, 45, 12680-4 4.3 5
- 84 A stepwise assembly of a molecular box from 16-electron half-sandwich precursors [Cp\*M(pdt)] (M = Rh, Ir). *Dalton Transactions*, **2015**, 44, 10281-8 4.3 10
- 83 Rational Design of Polynuclear Organometallic Assemblies from a Simple Heteromultifunctional Ligand. *Journal of the American Chemical Society*, **2015**, 137, 13670-8 16.4 56
- 82 Metal-induced B-H bond activation: reactions between half-sandwich Ir and Rh complexes with carboranylthioamide. *Dalton Transactions*, **2015**, 44, 1530-3 4.3 16
- 81 Engineering organic macrocycles and cages: versatile bonding approaches. *Chemistry - an Asian Journal*, **2015**, 10, 24-42 4.5 34
- 80 Multi-component coordination-driven self-assembly toward heterometallic macrocycles and cages. *Coordination Chemistry Reviews*, **2015**, 293-294, 139-157 23.2 142
- 79 Facile Synthesis of Size-Tunable Functional Polyimidazolium Macrocycles through a Photochemical Closing Strategy. *Chemistry - A European Journal*, **2015**, 21, 17610-3 4.8 40

78	Reversible photochemische Modifikationen an Metallacyclen aus Dicarbene mit Cumarinsubstituenten. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5042-5046	3.6	29
77	Mixed-Metal Coordination Cages Constructed with Pyridyl-Functionalized $\beta$ -Diketonate Metalloligands: Syntheses, Structures and Host-Guest Properties. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14893-900	4.8	24
76	Discrete Rectangles, Prisms, and Heterometallic Cages from a Conjugated Cp*Rh-Based Building Block. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 16975-81	4.8	13
75	Iridium-mediated regioselective B-H/C-H activation of carborane cage: a facile synthetic route to metallacycles with a carborane backbone. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 2825-32	16.4	121
74	Design and self-assembly of variform organometallic macrocycle with terminal imidazole-based bridging ligands utilizing joints twist and rotation. <i>Dalton Transactions</i> , <b>2014</b> , 43, 2356-60	4.3	18
73	Stepwise construction of discrete heterometallic coordination cages based on self-sorting strategy. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 2982-5	16.4	109
72	Nano-sized heterometallic macrocycles based on 4-pyridinylboron-capped iron(II) clathrochelates: syntheses, structures and properties. <i>Chemical Communications</i> , <b>2014</b> , 50, 2327-9	5.8	39
71	Self-Assembly of Molecular Borromean Rings from Bimetallic Coordination Rectangles. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 11400-11404	3.6	40
70	Cyclometalated [Cp*M(C <sup>X</sup> )] (M = Ir, Rh; X = N, C, O, P) complexes. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 2799-823	58.5	207
69	Octadecanuclear macrocycles and nonanuclear bowl-shaped structures based on two analogous pyridyl-substituted imidazole-4,5-dicarboxylate ligands. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 15521-4	16.4	28
68	Construction of iridium and rhodium cyclometalated macrocycles based on p-carborane and N,N $\phi$ donor bridging ligands. <i>Dalton Transactions</i> , <b>2014</b> , 43, 17200-8	4.3	9
67	Self-assembly of molecular Borromean rings from bimetallic coordination rectangles. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 11218-22	16.4	118
66	Box-like Heterometallic Macrocycles Derived from Bis-Terpyridine Metalloligands. <i>Organometallics</i> , <b>2014</b> , 33, 1283-1290	3.8	30
65	Isomers of Cyclometalated Macrocycles Constructed through Olefinic C $\equiv$ H Activation. <i>Organometallics</i> , <b>2014</b> , 33, 587-593	3.8	15
64	H <sub>2</sub> -initiated reversible switching between two-dimensional metallacycles and three-dimensional cylinders. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 14608-15	16.4	51
63	Synthesis, Characterization, and Properties of Half-Sandwich Iridium/Rhodium-Based Metallarectangles. <i>Organometallics</i> , <b>2014</b> , 33, 3091-3095	3.8	32
62	Organometallic macrocycles and cages based on bis(amidinate) ligands. <i>Pure and Applied Chemistry</i> , <b>2014</b> , 86, 953-965	2.1	4
61	Half-sandwich iridium- and rhodium-based organometallic architectures: rational design, synthesis, characterization, and applications. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 3571-9	24.3	194

60	An unprecedented Etype octamolybdate: [TbI1]2[(#Mo8O26)0.5(EMo8O26)] directed by a new tricationic template. <i>CrystEngComm</i> , <b>2013</b> , 15, 9844	3-3	24
59	Discrepant gas adsorption in isostructural heterometallic coordination polymers: strong dependence of metal identity. <i>CrystEngComm</i> , <b>2013</b> , 15, 78-85	3-3	32
58	Stepwise formation of organometallic macrocycles and triangular prisms containing 2,2-bisbenzimidazole ligands. <i>Dalton Transactions</i> , <b>2013</b> , 42, 82-8	4-3	33
57	Cp*Rh-based heterometallic metallarectangles: size-dependent Borromean link structures and catalytic acyl transfer. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 8125-8	16.4	192
56	Postsynthetic modification of dicarbene-derived metallacycles via photochemical [2 + 2] cycloaddition. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 9263-6	16.4	126
55	Transition metal complexes based on carboranyl ligands containing N, P, and S donors: Synthesis, reactivity and applications. <i>Coordination Chemistry Reviews</i> , <b>2013</b> , 257, 2522-2535	23.2	208
54	Size recognition and optical unloading of polyaromatic compounds based on a coordination box containing face-to-face olefin bonds. <i>RSC Advances</i> , <b>2013</b> , 3, 11476	3-7	10
53	Syntheses, characterization and ethylene polymerization of half-sandwich group IV metal complexes with tridentate [O,N,S] ligands. <i>Chinese Journal of Polymer Science (English Edition)</i> , <b>2013</b> , 31, 760-768	3-5	2
52	Sunlight induced cycloaddition and host-guest property of self-assembled organometallic macrocycles based on a versatile building block. <i>Chemical Communications</i> , <b>2012</b> , 48, 4435-7	5-8	69
51	Synthesis, Reactivity, and Structural Transformation of Mono- and Binuclear Carboranylaminidate-Based 3d Metal Complexes and Metallacarborane Derivatives. <i>Organometallics</i> , <b>2012</b> , 31, 1767-1774	3-8	39
50	Efficient Route to Organometallic Cage Formation via C-H Activation-Directed Multicomponent Assembly Accompanying Aromatic Guest Encapsulation. <i>Organometallics</i> , <b>2012</b> , 31, 995-1000	3-8	24
49	Self-assembled hexanuclear organometallic cages: synthesis, characterization, and host-guest properties. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 1243-50	4-5	26
48	Bis-imine-cyclometalated macrocycles: synthesis, characterization and observation of solution behaviour. <i>Dalton Transactions</i> , <b>2011</b> , 40, 4982-93	4-3	20
47	Monophosphine-o-Carborane Sulfide as a Noninnocent Ligand for C,S, S,S?, and B,S,S? Coordination Modes of Half-Sandwich Iridium and Rhodium Complexes. <i>Organometallics</i> , <b>2011</b> , 30, 5365-5373	3-8	35
46	Construction of tetranuclear macrocycles through C-H activation and structural transformation induced by [2+2] photocycloaddition reaction. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 1863-71	4-8	63
45	Versatile reactivity of half-sandwich Ir and Rh complexes toward carboranylaminidates and their derivatives: synthesis, structure, and catalytic activity for norbornene polymerization. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 13298-307	4-8	50
44	Selective CO2 capture by a 3d-4d coordination polymer material with 1D channel. <i>CrystEngComm</i> , <b>2011</b> , 13, 6013	3-3	16
43	Efficient formation of organoiridium macrocycles via C-H activation directed self-assembly. <i>Chemical Communications</i> , <b>2010</b> , 46, 3556-8	5-8	32



42	Host-guest chemistry with bi- and tetra-nuclear macrocyclic metallasupramolecules. <i>Chemical Communications</i> , <b>2010</b> , 46, 6879-90	5.8	130
41	Two-step assembly of multinuclear metallacycles with half-sandwich Ir, Rh, and Ru fragments for counteranion encapsulation. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 2193-201	5.1	47
40	Synthesis and Characterization of Novel Lanthanocene Complexes with Dichalcogenolate o-Carboranyl Ligands. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 20, 1256-1262	4.9	12
39	The versatile coordination modes of monophosphine-o-carborane in the formation of iridium and rhodium complexes: synthesis, reactivity, and characterization. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 12017-27	4.8	24
38	Syntheses and molecular structures of half-sandwich iridium metallarectangles containing bridging 2,5-dihydroxy-1,4- benzoquinonato (dwbq) ligands. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 1225-1230	2.3	8
37	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> , <b>2009</b> , 48, 6234-8	16.4	144
36	Stepwise Formation of Half-Sandwich Iridium-Based Rectangles Containing 2,5-Diarylmino-1,4-benzoquinone Derivatives Linkers. <i>Organometallics</i> , <b>2009</b> , 28, 3459-3464	3.8	48
35	Half-Sandwich Chromium(III) Catalysts Bearing Hydroxyindanimine Ligands for Ethylene Polymerization. <i>Organometallics</i> , <b>2009</b> , 28, 4170-4174	3.8	36
34	Stepwise formation of organometallic macrocycles, prisms and boxes from Ir, Rh and Ru-based half-sandwich units. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 3419-34	58.5	292
33	Synthesis and characterization of heterometallic M-Ru (M = Co, Rh, Ir) clusters containing the nido-dicarborene-1,2-dithiolato chelating ligand. <i>Dalton Transactions</i> , <b>2009</b> , 111-8	4.3	29
32	Stepwise formation of "organometallic boxes" with half-sandwich Ir, Rh and Ru fragments. <i>Chemical Communications</i> , <b>2008</b> , 350-2	5.8	78
31	Synthesis, Characterization, and Electrochemical Properties of Molecular Rectangles of Half-Sandwich Iridium Complexes Containing Bridging Chloranilate Ligands. <i>Organometallics</i> , <b>2008</b> , 27, 4088-4097	3.8	61
30	Helical supramolecular assemblies of {2,4,6-[Cp*Rh(E2-1,2-C2B10H10)(NC5H4CH2S)]3(triazine)} (E = S, Se) shaped by Cp*-Toluene-Cp* pi-stacking forces and BH-pyridine hydrogen bonding. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 2940-2	5.1	26
29	Stepwise Formation of Molecular Rectangles of Half-Sandwich Rhodium and Ruthenium Complexes Containing Bridging Chloranilate Ligands. <i>Organometallics</i> , <b>2008</b> , 27, 5002-5008	3.8	45
28	Vinyl polymerization of norbornene by mono- and trinuclear nickel complexes with indanimine ligands. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 489-500	2.5	23
27	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> , <b>2008</b> , 2008, 4063-4073	2.3	55
26	Synthesis, Characterization, and Norbornene Polymerization Behavior of the Half-Sandwich Complexes [Cp*3M3(β-L)Cl3] and [Cp*M(2-SPyH)Cl2] (M = Ir, M = Rh, [L]3 = 1,3,5-Triazine-2,4,6-trithiolato, 2-SPy = 2-Pyridinethione). <i>Organometallics</i> , <b>2008</b> , 27, 961-966	3.8	32
25	A facile and general approach to the Rh-M (M = Co, Rh) single bond supported by ortho-carborane-1,2-dichalcogenolato ligands. <i>Dalton Transactions</i> , <b>2007</b> , 949-54	4.3	32

24	Construction of trinuclear iridium clusters through ancillary ortho-carborane-1,2-diselenolato ligands, with simultaneous iridium-induced B-H activation. <i>Dalton Transactions</i> , <b>2007</b> , 3792-7	4.3	15
23	Formation of direct metal-metal bonds from 16-electron "pseudo-aromatic" half-sandwich complexes Cp <sub>2</sub> M[E2C2(B10H10)]. <i>Chemical Society Reviews</i> , <b>2007</b> , 36, 1543-60	58.5	154
22	Stepwise Formation of Tetra- and Hexanuclear Iridium and Rhodium Complexes Containing Oxalato Ligands. <i>Organometallics</i> , <b>2007</b> , 26, 5848-5853	3.8	80
21	Synthesis, Characterization, and Ethylene Polymerization of Group IV Metal Complexes with Mono-Cp and Tridentate Aryloxo or Arylsulfide Ligands. <i>Organometallics</i> , <b>2007</b> , 26, 4042-4047	3.8	48
20	Trinuclear Rh <sub>2</sub> M Complexes (M = Ni, Pd) Bridged by Butyl Selenolato and Carborane Diselenolato Ligands. <i>Organometallics</i> , <b>2007</b> , 26, 5442-5445	3.8	19
19	A Route to Multi-Clusters Containing Half-Sandwich Rh and Ir Complexes of Chelating 1,2-Dicarba-closo-dodecaborane(12)-1,2-dithiolate Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 3274-3282	2.3	28
18	Porphyrim-carborane organometallic assemblies based on 1, 2-dicarba-closo-dodecaborane (12) ligands. <i>Chemical Communications</i> , <b>2006</b> , 162-4	5.8	69
17	Synthesis and Structural Characterization of Macrocyclic Half-Sandwich Rhodium(III) and Iridium(III) Complexes Bearing Bipyridyl Derivatives and Terephthalate. <i>Organometallics</i> , <b>2006</b> , 25, 74-81	3.8	53
16	Formation of Cup-Shaped Metallic Clusters via B-H Activation at the B(3)/B(6) Site of anortho-Carborane-1,2-dichalcogenolato Ligand. <i>Organometallics</i> , <b>2006</b> , 25, 3508-3514	3.8	41
15	Tetrametallic clusters (Ir(2)Rh(2)) through an ancillary ortho-carborane-1,2-dichalcogenolato ligands. <i>Dalton Transactions</i> , <b>2006</b> , 86-90	4.3	28
14	Molecular Structures of some Tellurium Derivatives of 1,2-Dicarba-closo-dodecaborane(12). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 2031-2036	1.3	14
13	Highly Active Neutral Nickel(II) Complexes Bearing P,N-Chelate Ligands: Synthesis, Characterization and Their Application to Addition Polymerization of Norbornene. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 1665-1670	2.3	52
12	Molecular structure of metallocene catalyst Cp <sub>2</sub> TiZrCl <sub>2</sub> and structural analysis of PE catalyzed by Cp <sub>2</sub> TiZrCl <sub>2</sub> . <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 96, 169-174	2.9	2
11	Synthesis and characterization of heterometallic clusters (Ir <sub>2</sub> Rh, Ir <sub>2</sub> W, Rh <sub>3</sub> ) Containing 1,2-dicarba-closo-dodecaborane(12)-1,2-dithiolate chelate ligands, [(B10H10)C <sub>2</sub> S <sub>2</sub> ] <sub>2</sub> <sup>-</sup> . <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 7342-50	4.8	49
10	Preparation, structure, and ethylene polymerization behavior of half-sandwich picolyl-functionalized carborane iridium, ruthenium, and rhodium complexes. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 5758-64	4.8	71
9	Preparation and characterization of SBA-15 supported iron(II)-bisimine pyridine catalyst for ethylene polymerization. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 4830-4837	2.5	23
8	Di- and tri-organotin(IV) derivatives of (Z)-3-(4-nitrophenyl)-2-phenyl-2-propenoic acid: spectroscopic characterization and biocidal studies. Crystal structure analysis of tetrameric tri-n-butyltin(IV) (Z)-3-(4-nitrophenyl)-2-phenyl-2-propenoate. <i>Applied Organometallic Chemistry</i> , <b>2004</b> , 18, 401-408	3.1	32
7	Advances in the chemistry of organometallic complexes with 1,2-dichalcogenolato-o-carborane ligands. <i>Coordination Chemistry Reviews</i> , <b>2004</b> , 248, 587-602	23.2	149

6	Formation of Ir-Rh and Ir-Mo bonds by using an ancillary ortho-carborane-1,2-diselenolato ligand. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 44, 259-62	16.4	121
5	Novel, Highly Active Binuclear 2,5-Disubstituted Amino-p-benzoquinone-Nickel(II) Ethylene Polymerization Catalysts <i>Organometallics</i> , <b>2003</b> , 22, 2851-2854	3.8	131
4	Dinuclear Pentamethylcyclopentadienyl Rhodium and Iridium Complexes Containing 1,1'-Ferrocene Dichalcogenido Bridges. X-Ray Structure Analysis of the Dimer {Cp*Ir[(SeC5H4)2Fe]}2. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2002</b> , 628, 1985-1990	1.3	10
3	Dinuclear Half-Sandwich Complexes Containing Bridging 1,2-Dicarbido-closo-dodecaborane-1,2-dichalcogenolato Ligands. Molecular Structures of Cp2Fe2(CO)3[Fe2C2(B10H10)], Cp2Ru2[Fe2C2(B10H10)]2, and Cp*2Ru2(Fe)[Fe2C2(B10H10)]. <i>Organometallics</i> , <b>2002</b> , 21, 2533-2535	3.8	48
2	Rational Design and Synthesis of Interlocked [2]Catenanes Featuring Half-Sandwich Cp*Rh/Ir Units and Pyrene-Based Ligands <i>Chinese Journal of Chemistry</i> ,	4.9	2
1	Highly selective synthesis and near-infrared photothermal conversion of metalla-Borromean ring and [2]catenane assemblies. <i>Chemical Science</i> ,	9.4	10