

Guo-Xin Jin

List of Publications by Year in descending order

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169
papers

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#	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	Transition metal complexes based on carboranyl ligands containing N, P, and S donors: Synthesis, reactivity and applications. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2522-2535.	9.5	267
3	Cyclometalated [Cp [*] M(C ^X)] (M = Ir, Rh; X = N, C, O, P) complexes. <i>Chemical Society Reviews</i> , 2014, 43, 2799-2823.	18.7	228
4	Half-Sandwich Iridium- and Rhodium-based Organometallic Architectures: Rational Design, Synthesis, Characterization, and Applications. <i>Accounts of Chemical Research</i> , 2014, 47, 3571-3579.	7.6	225
5	Coordination-Directed Construction of Molecular Links. <i>Chemical Reviews</i> , 2020, 120, 6288-6325.	23.0	213
6	Cp [*] Rh-Based Heterometallic Metallarectangles: Size-Dependent Borromean Link Structures and Catalytic Acyl Transfer. <i>Journal of the American Chemical Society</i> , 2013, 135, 8125-8128.	6.6	208
7	Formation of direct metal-metal bonds from 16-electron pseudo-aromatic half-sandwich complexes Cp [*] M[E2C2(B10H10)]. <i>Chemical Society Reviews</i> , 2007, 36, 1543.	18.7	167
8	Multi-component coordination-driven self-assembly toward heterometallic macrocycles and cages. <i>Coordination Chemistry Reviews</i> , 2015, 293-294, 139-157.	9.5	167
9	Supramolecular catalysis based on discrete heterometallic coordination-driven metallacycles and metallacages. <i>Coordination Chemistry Reviews</i> , 2019, 386, 69-84.	9.5	164
10	Advances in the chemistry of organometallic complexes with 1,2-dichalcogenolato-o-carborane ligands. <i>Coordination Chemistry Reviews</i> , 2004, 248, 587-602.	9.5	157
11	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
12	Postsynthetic Modification of Dicarbene-Derived Metallacycles via Photochemical [2 + 2] Cycloaddition. <i>Journal of the American Chemical Society</i> , 2013, 135, 9263-9266.	6.6	143
13	Molecular Borromean Rings Based on Half-Sandwich Organometallic Rectangles. <i>Accounts of Chemical Research</i> , 2018, 51, 2148-2158.	7.6	139
14	Novel, Highly Active Binuclear 2,5-Disubstituted Amino-p-benzoquinone-Nickel(II) Ethylene Polymerization Catalysts. <i>Organometallics</i> , 2003, 22, 2851-2854.	1.1	137
15	Host-guest chemistry with bi- and tetra-nuclear macrocyclic metallasupramolecules. <i>Chemical Communications</i> , 2010, 46, 6879.	2.2	135
16	Iridium-Mediated Regioselective H/H Activation of Carborane Cage: A Facile Synthetic Route to Metallacycles with a Carborane Backbone. <i>Journal of the American Chemical Society</i> , 2014, 136, 2825-2832.	6.6	129
17	Recent advances in the construction and applications of heterometallic macrocycles and cages. <i>Coordination Chemistry Reviews</i> , 2017, 344, 323-344.	9.5	127
18	Self-Assembly of Molecular Borromean Rings from Bimetallic Coordination Rectangles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11218-11222.	7.2	125

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19	Formation of Ir?Rh and Ir?Mo Bonds by Using an Ancillaryortho-Carborane-1,2-diselenolato Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 259-262.	7.2	124
20	B H activation of carboranes induced by late transition metals. <i>Coordination Chemistry Reviews</i> , 2017, 350, 300-319.	9.5	123
21	Stepwise Construction of Discrete Heterometallic Coordination Cages Based on Self-Sorting Strategy. <i>Journal of the American Chemical Society</i> , 2014, 136, 2982-2985.	6.6	120
22	Photodriven single-crystal-to-single-crystal transformation. <i>Coordination Chemistry Reviews</i> , 2017, 346, 112-122.	9.5	108
23	Stacking Interactions Induced Selective Conformation of Discrete Aromatic Arrays and Borromean Rings. <i>Journal of the American Chemical Society</i> , 2017, 139, 1653-1660.	6.6	105
24	Facile Separation of Regioisomeric Compounds by a Heteronuclear Organometallic Capsule. <i>Journal of the American Chemical Society</i> , 2016, 138, 10700-10707.	6.6	102
25	Metallacyclic assembly of interlocked superstructures. <i>Coordination Chemistry Reviews</i> , 2017, 333, 1-26.	9.5	95
26	Molecular Borromean Rings Based on Dihalogenated Ligands. <i>CheM</i> , 2017, 3, 110-121.	5.8	94
27	Stepwise Formation of Tetra- and Hexanuclear Iridium and Rhodium Complexes Containing Oxalato Ligands. <i>Organometallics</i> , 2007, 26, 5848-5853.	1.1	81
28	Stepwise formation of "organometallic boxes" with half-sandwich Ir, Rh and Ru fragments. <i>Chemical Communications</i> , 2008, , 350-352.	2.2	81
29	Dihydrogen Bond Interaction Induced Separation of Hexane Isomers by Self-Assembled Carborane Metallacycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 8532-8538.	6.6	81
30	Sunlight induced cycloaddition and host-guest property of self-assembled organometallic macrocycles based on a versatile building block. <i>Chemical Communications</i> , 2012, 48, 4435.	2.2	76
31	Preparation, Structure, and Ethylene Polymerization Behavior of Half-Sandwich Picolyl-Functionalized Carborane Iridium, Ruthenium, and Rhodium Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 5758-5764.	1.7	75
32	Highly Selective Separation of Benzene and Cyclohexane in a Spatially Confined Carborane Metallacage. <i>Journal of the American Chemical Society</i> , 2022, 144, 6558-6565.	6.6	72
33	Porphyrin-carborane organometallic assemblies based on 1, 2-dicarba-closo-dodecaborane (12) ligands. <i>Chemical Communications</i> , 2006, , 162-164.	2.2	71
34	Construction of Tetranuclear Macrocycles through C-H Activation and Structural Transformation Induced by [2+2] Photocycloaddition Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 1863-1871.	1.7	65
35	Coordination-driven self-assembly of a molecular figure-eight knot and other topologically complex architectures. <i>Nature Communications</i> , 2019, 10, 2057.	5.8	65
36	Construction of "Surface-Metalated Pillar[5]arenes which Bind Anions via Anion-Anion Interactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14438-14442.	7.2	64

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37	Rational Design of Polynuclear Organometallic Assemblies from a Simple Heteromultifunctional Ligand. <i>Journal of the American Chemical Society</i> , 2015, 137, 13670-13678.	6.6	62
38	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
39	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
40	H ₂ -Initiated Reversible Switching between Two-Dimensional Metallacycles and Three-Dimensional Cylinders. <i>Journal of the American Chemical Society</i> , 2014, 136, 14608-14615.	6.6	60
41	Highly Selective Synthesis of Iridium(III) Metalla[2]catenanes through Component Pre-Orientation by π - π Stacking. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5882-5886.	7.2	59
42	Covalent Post-assembly Modification Triggers Structural Transformations of Borromean Rings. <i>Journal of the American Chemical Society</i> , 2019, 141, 9160-9164.	6.6	56
43	Synthesis and Structural Characterization of Macrocyclic Half-Sandwich Rhodium(III) and Iridium(III) Complexes Bearing Bipyridyl Derivatives and Terephthalate. <i>Organometallics</i> , 2006, 25, 74-81.	1.1	55
44	Reversible Structural Transformation between a Molecular Solomon Link and an Unusual Unsymmetrical Trefoil Knot. <i>Journal of the American Chemical Society</i> , 2019, 141, 16057-16063.	6.6	55
45	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> , 2005, 2005, 1665-1670.	1.0	54
46	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> , 2011, 17, 13298-13307.	1.7	52
47	Carboranes. <i>Dalton Transactions</i> , 2014, 43, 4924.	1.6	52
48	Dinuclear Half-Sandwich Complexes Containing Bridging 1,2-Dicarba-closo-dodecaborane-1,2-dichalcogenolato Ligands. Molecular Structures of Cp ₂ Fe ₂ (CO) ₃ [η -Se ₂ C ₂ (B ₁₀ H ₁₀)], Cp ₂ Ru ₂ [η -S ₂ C ₂ (B ₁₀ H ₁₀)] ₂ , and Cp* ₂ Ru ₂ (η -Se)[η -Se ₂ C ₂ (B ₁₀ H ₁₀)]. <i>Organometallics</i> , 2002, 21, 2533-2535.	1.1	51
49	Synthesis and Characterization of Heterometallic Clusters (Ir ₂ Rh, Ir ₂ W, Rh ₃) Containing 1,2-Dicarba-closo-dodecaborane(12)-1,2-dithiolate Chelate Ligands, [(B ₁₀ H ₁₀)C ₂ S ₂] ²⁻ . <i>Chemistry - A European Journal</i> , 2005, 11, 7342-7350.	1.7	51
50	Synthesis, Characterization, and Ethylene Polymerization of Group IV Metal Complexes with Mono-Cp and Tridentate Aryloxy or Arylsulfide Ligands. <i>Organometallics</i> , 2007, 26, 4042-4047.	1.1	51
51	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
52	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
53	Two-Step Assembly of Multinuclear Metallacycles with Half-Sandwich Ir, Rh, and Ru Fragments for Counteranion Encapsulation. <i>Inorganic Chemistry</i> , 2010, 49, 2193-2201.	1.9	48
54	Self-assembly of metalla[3]catenanes, Borromean rings and ring-in-ring complexes using a simple π -donor unit. <i>National Science Review</i> , 2020, 7, 1548-1556.	4.6	47

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55	Nano-sized heterometallic macrocycles based on 4-pyridinylboron-capped iron(κ^2) clathrochelates: syntheses, structures and properties. <i>Chemical Communications</i> , 2014, 50, 2327-2329.	2.2	46
56	Stereoselective Synthesis of a Topologically Chiral Solomon Link. <i>Journal of the American Chemical Society</i> , 2020, 142, 13667-13671.	6.6	46
57	Highly selective synthesis and near-infrared photothermal conversion of metalla-Borromean ring and [2]catenane assemblies. <i>Chemical Science</i> , 2022, 13, 5130-5140.	3.7	46
58	Selective Construction of Very Large Stacking-Interaction-Induced Molecular 8×18 Metalla-knots and Borromean Ring Using Curved Dipyridyl Ligands. <i>Journal of the American Chemical Society</i> , 2021, 143, 1119-1125.	6.6	45
59	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> , 2006, 25, 3508-3514.	1.1	44
60	Facile Synthesis of Size-Tunable Functional Polyimidazolium Macrocycles through a Photochemical Closing Strategy. <i>Chemistry - A European Journal</i> , 2015, 21, 17610-17613.	1.7	43
61	Engineering Organic Macrocycles and Cages: Versatile Bonding Approaches. <i>Chemistry - an Asian Journal</i> , 2015, 10, 24-42.	1.7	43
62	Synthesis, Reactivity, and Structural Transformation of Mono- and Binuclear Carboranylaminidate-Based 3d Metal Complexes and Metallacarborane Derivatives. <i>Organometallics</i> , 2012, 31, 1767-1774.	1.1	42
63	Self-Assembly of Molecular Figure-Eight Knots Induced by Quadruple Stacking Interactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 18946-18954.	6.6	39
64	Half-Sandwich Chromium(III) Catalysts Bearing Hydroxyindanimine Ligands for Ethylene Polymerization. <i>Organometallics</i> , 2009, 28, 4170-4174.	1.1	38
65	Monophosphine- κ^2 -Carborane Sulfide as a Noninnocent Ligand for C,S, S, κ^2 , and B,S, κ^2 Coordination Modes of Half-Sandwich Iridium and Rhodium Complexes. <i>Organometallics</i> , 2011, 30, 5365-5373.	1.1	38
66	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> , 2004, 18, 401-408.	1.7	37
67	Synthesis, Characterization, and Properties of Half-Sandwich Iridium/Rhodium-Based Metallarectangles. <i>Organometallics</i> , 2014, 33, 3091-3095.	1.1	37
68	Stepwise formation of organometallic macrocycles and triangular prisms containing 2,2'-bisbenzimidazole ligands. <i>Dalton Transactions</i> , 2013, 42, 82-88.	1.6	36
69	Synthesis and Near-Infrared Photothermal Conversion of Discrete Supramolecular Topologies Featuring Half-Sandwich [Cp*Rh] Units. <i>Journal of the American Chemical Society</i> , 2021, 143, 17833-17842.	6.6	36
70	Box-like Heterometallic Macrocycles Derived from Bis-Terpyridine Metalloligands. <i>Organometallics</i> , 2014, 33, 1283-1290.	1.1	35
71	Steric-Effects-Directed B^{H} Bond Activation of κ^2 -Carboranes. <i>Journal of the American Chemical Society</i> , 2021, 143, 5099-5105.	6.6	34
72	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> , 2007, , 949-954.	1.6	33

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73	Efficient formation of organoiridium macrocycles via C-H activation directed self-assembly. <i>Chemical Communications</i> , 2010, 46, 3556.	2.2	33
74	Discrepant gas adsorption in isostructural heterometallic coordination polymers: strong dependence of metal identity. <i>CrystEngComm</i> , 2013, 15, 78-85.	1.3	33
75	Synthesis, Characterization, and Norbornene Polymerization Behavior of the Half-Sandwich Complexes $[\text{Cp}^* \text{M}(\text{I}^4\text{-L})\text{Cl}_3]$ and $[\text{Cp}^* \text{M}(\text{2-SPyH})\text{Cl}_2]$ (M = Ir, M = Rh, [L] ⁺ = 1,3,5-Triazine-2,4,6-trithiolato, 2-SPy =) <i>J. Am. Chem. Soc.</i> 131, 11074-11081.	1.1	32
76	An unprecedented I^1 -type octamolybdate: $[\text{TbI}]_2[(\text{I}^2\text{-Mo}_8\text{O}_{26})_0.5(\text{I}^1\text{-Mo}_8\text{O}_{26})]$ directed by a new tricationic template. <i>CrystEngComm</i> , 2013, 15, 9844.	1.3	32
77	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> , 2006, 2006, 3274-3282.	1.0	30
78	Synthesis and characterization of heterometallic $\text{M}^{\text{II}}\text{Ru}$ (M = Co, Rh, Ir) clusters containing the nido-dicarborene-1,2-dithiolato chelating ligand. <i>Dalton Transactions</i> , 2009, , 111-118.	1.6	30
79	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> , 2014, 136, 15521-15524.	6.6	30
80	Stimuli-Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15466-15471.	7.2	30
81	Tetrametallic clusters (Ir_2Rh_2) through an ancillary ortho-carborane-1,2-dichalcogenolato ligands. <i>Dalton Transactions</i> , 2006, , 86-90.	1.6	29
82	Mixed-Metal Coordination Cages Constructed with Pyridyl-Functionalized I^2 -Diketonate Metalloligands: Syntheses, Structures and Host-Guest Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 14893-14900.	1.7	29
83	s-Block metal ions induce structural transformations between figure-eight and double trefoil knots. <i>Chemical Science</i> , 2020, 11, 1226-1232.	3.7	29
84	Helical Supramolecular Assemblies of $\{2,4,6\text{-}[\text{Cp}^*-\text{Rh}(\text{E}2\text{-}1,2\text{-C}_2\text{B}_{10}\text{H}_{10})(\text{NC}_5\text{H}_4\text{CH}_2\text{S})]_3(\text{triazine})\}$ (E = S, Se) Shaped by $\text{Cp}^*-\text{a}^{\text{H}}\text{-Toluene}-\text{Cp}^*-\text{I}^{\text{H}}$ -Stacking Forces and $\text{BH}^{\text{H}}\text{-Pyridine}$ Hydrogen Bonding. <i>Inorganic Chemistry</i> , 2008, 47, 2940-2942.	1.9	28
85	Stacking-interaction-induced host-guest chemistry and Borromean rings based on a polypyridyl ligand. <i>Chemical Communications</i> , 2018, 54, 1559-1562.	2.2	28
86	Self-Assembled Hexanuclear Organometallic Cages: Synthesis, Characterization, and Host-Guest Properties. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1243-1250.	1.7	27
87	Host-guest capability of a three-dimensional heterometallic macrocycle. <i>Dalton Transactions</i> , 2018, 47, 2240-2246.	1.6	27
88	Stereoselective Self-Assembly of Complex Chiral Radial [5]Catenanes Using Half-Sandwich Rhodium/Iridium Building Blocks. <i>Journal of the American Chemical Society</i> , 2022, 144, 2379-2386.	6.6	27
89	The Versatile Coordination Modes of Monophosphine-carborane in the Formation of Iridium and Rhodium Complexes: Synthesis, Reactivity, and Characterization. <i>Chemistry - A European Journal</i> , 2010, 16, 12017-12027.	1.7	26
90	An All-in-One Synthetic Strategy for Linear Metallo[4]Catenanes. <i>Journal of the American Chemical Society</i> , 2021, 143, 12404-12411.	6.6	26

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91	Preparation and characterization of SBA-15 supported iron(II)-bisimine pyridine catalyst for ethylene polymerization. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4830-4837.	2.5	25
92	Efficient Route to Organometallic Cage Formation via C-H Activation-Directed Multicomponent Assembly Accompanying Aromatic Guest Encapsulation. <i>Organometallics</i> , 2012, 31, 995-1000.	1.1	25
93	Iridium(III) Complexes Bearing Chelating Bis-NHC Ligands and Their Application in the Catalytic Reduction of Imines. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4598-4603.	1.0	25
94	Vinyl polymerization of norbornene by mono- and trinuclear nickel complexes with indanimine ligands. <i>Journal of Polymer Science Part A</i> , 2008, 46, 489-500.	2.5	24
95	A hierarchical assembly strategy for near-infrared photothermal conversion: unconventional heterogeneous metal[2]catenanes. <i>Chemical Science</i> , 2020, 11, 11509-11513.	3.7	24
96	Selective construction and stability studies of a molecular trefoil knot and Solomon link. <i>Dalton Transactions</i> , 2021, 50, 16984-16989.	1.6	24
97	Selective B(4)-H Activation of an <i>o</i> -Carboranylthioamide Based on a Palladium Precursor. <i>Chemistry - A European Journal</i> , 2017, 23, 1814-1819.	1.7	22
98	Bis-imine-cyclometalated macrocycles: synthesis, characterization and observation of solution behaviour. <i>Dalton Transactions</i> , 2011, 40, 4982.	1.6	20
99	Metal-induced B-H bond activation: reactions between half-sandwich Ir and Rh complexes with carboranylthioamide. <i>Dalton Transactions</i> , 2015, 44, 1530-1533.	1.6	20
100	Metalloradicals Supported by a meta-Carborane Ligand. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8129-8133.	7.2	20
101	Trinuclear Rh ₂ M Complexes (M = Ni, Pd) Bridged by Butyl Selenolato and Carborane Diselenolato Ligands. <i>Organometallics</i> , 2007, 26, 5442-5445.	1.1	19
102	Design and self-assembly of variform organometallic macrocycle with terminal imidazole-based bridging ligands utilizing joints twist and rotation. <i>Dalton Transactions</i> , 2014, 43, 2356-2360.	1.6	19
103	Light-initiated reversible conversion of macrocyclic endoperoxides derived from half-sandwich rhodium-based metallarectangles. <i>Dalton Transactions</i> , 2018, 47, 2769-2777.	1.6	19
104	Dynamic Interconversion between Solomon Link and Trapezoidal Metallacycle Ensembles Accompanying Conformational Change of the Linker. <i>Chemistry - A European Journal</i> , 2019, 25, 15687-15693.	1.7	19
105	Adaptive Self-Assembly and Induced-Fit Interconversions between Molecular Borromean Rings, Russian Dolls and Ring-in-Ring Complexes. <i>Chinese Journal of Chemistry</i> , 2021, 39, 360-366.	2.6	19
106	Efficient synthesis of carborane azo derivatives and their reactivity. <i>Dalton Transactions</i> , 2017, 46, 1585-1592.	1.6	18
107	Selective Synthesis of Discrete Mono-, Interlocked-, and Borromean Ring Ensembles Based on a <i>o</i> -Electron-Deficient Ligand. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2712-2718.	1.7	18
108	Construction of trinuclear iridium clusters through ancillary ortho-carborane-1,2-diselenolato ligands, with simultaneous iridium-induced B-H activation. <i>Dalton Transactions</i> , 2007, , 3792.	1.6	17

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109	Donor–Acceptor [2]– and [3]Catenanes Assembled from Versatile Pre-Organized Cp*Rh/Ir-Directed Pseudorotaxane Tectons. <i>Chemistry - A European Journal</i> , 2019, 25, 14785-14789.	1.7	17
110	Selective CO ₂ capture by a 3d–4d coordination polymer material with 1D channel. <i>CrystEngComm</i> , 2011, 13, 6013.	1.3	16
111	Design of and Stability Studies on Trefoil Knots Featuring RhCp* Building Blocks. <i>Chemistry - A European Journal</i> , 2019, 25, 9721-9727.	1.7	16
112	Selective synthesis and structural transformation between a molecular ring-in-ring architecture and an abnormal trefoil knot. <i>Chemical Science</i> , 2020, 11, 8013-8019.	3.7	16
113	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> , 2021, 39, 3303-3308.	2.6	16
114	Molecular Structures of some Tellurium Derivatives of 1,2-Dicarba-closo-dodecaborane(12). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 2031-2036.	0.6	15
115	Isomers of Cyclometalated Macrocycles Constructed through Olefinic C–H Activation. <i>Organometallics</i> , 2014, 33, 587-593.	1.1	15
116	Discrete Rectangles, Prisms, and Heterometallic Cages from a Conjugated Cp*Rh-Based Building Block. <i>Chemistry - A European Journal</i> , 2015, 21, 16975-16981.	1.7	15
117	Control of Heterometallic Three-Dimensional Macrocycles with Aromatic Stacks in Tunable Host Cavities. <i>Chinese Journal of Chemistry</i> , 2018, 36, 594-598.	2.6	15
118	Construction of a molecular prime link by interlocking two trefoil knots. , 2022, 1, 635-640.		15
119	Iridium-Induced Regioselective B–H and C Activations at Azo-Substituted <i>o</i> -Carboranes. <i>Chemistry - A European Journal</i> , 2018, 24, 10357-10363.	1.7	14
120	Transition metal-mediated B(4)–H hydroxylation/halogenation of <i>o</i> -carboranes bearing a 2-pyridylsulfenyl ligand. <i>Chemical Communications</i> , 2021, 57, 2412-2415.	2.2	14
121	Controllable construction of half-sandwich octanuclear complexes based on pyridyl-substituted ligands with conjugated centers. <i>Dalton Transactions</i> , 2017, 46, 8190-8197.	1.6	13
122	Selective Encapsulation and Separation of Dihalobenzene Isomers with Discrete Heterometallic Macrocages. <i>Chemistry - A European Journal</i> , 2018, 24, 18913-18921.	1.7	13
123	Template-Free Self-Assembly of Molecular Trefoil Knots and Double Trefoil Knots Featuring Cp*Rh Building Blocks. <i>Chemistry - A European Journal</i> , 2020, 26, 5093-5099.	1.7	13
124	Synthesis and Characterization of Novel Lanthanocene Complexes with Dichalcogenolate <i>o</i> -Carboranyl Ligands. <i>Chinese Journal of Chemistry</i> , 2002, 20, 1256-1262.	2.6	12
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164	Guest Encapsulation and Self-Assembly of a Box-like Metalla-Rectangle Featuring Cp*Rh Fragments. <i>Journal of Organometallic Chemistry</i> , 2022, , 122353.	0.8	1
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