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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	Stepwise formation of organometallic macrocycles, prisms and boxes from Ir, Rh and Ru-based half-sandwich units. <i>Chemical Society Reviews</i> , 2009 , 38, 3419-34	58.5	292
166	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	23.2	208
165	Cyclometalated [Cp*M(C^X)] (M = Ir, Rh; X = N, C, O, P) complexes. <i>Chemical Society Reviews</i> , 2014 , 43, 2799-823	58.5	207
164	Half-sandwich iridium- and rhodium-based organometallic architectures: rational design, synthesis, characterization, and applications. <i>Accounts of Chemical Research</i> , 2014 , 47, 3571-9	24.3	194
163	Cp*Rh-based heterometallic metallarectangles: size-dependent Borromean link structures and catalytic acyl transfer. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8125-8	16.4	192
162	Formation of direct metal-metal bonds from 16-electron "pseudo-aromatic" half-sandwich complexes Cp ₂ Mo[E2C2(B10H10)]. <i>Chemical Society Reviews</i> , 2007 , 36, 1543-60	58.5	154
161	Advances in the chemistry of organometallic complexes with 1,2-dichalcogenolato-o-carborane ligands. <i>Coordination Chemistry Reviews</i> , 2004 , 248, 587-602	23.2	149
160	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, 6234-8	16.4	144
159	Multi-component coordination-driven self-assembly toward heterometallic macrocycles and cages. <i>Coordination Chemistry Reviews</i> , 2015 , 293-294, 139-157	23.2	142
158	Novel, Highly Active Binuclear 2,5-Disubstituted Amino-p-benzoquinone-Nickel(II) Ethylene Polymerization Catalysts. <i>Organometallics</i> , 2003 , 22, 2851-2854	3.8	131
157	Host-guest chemistry with bi- and tetra-nuclear macrocyclic metallasupramolecules. <i>Chemical Communications</i> , 2010 , 46, 6879-90	5.8	130
156	Postsynthetic modification of dicarbene-derived metallacycles via photochemical [2 + 2] cycloaddition. <i>Journal of the American Chemical Society</i> , 2013 , 135, 9263-6	16.4	126
155	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> , 2014 , 136, 2825-32	16.4	121
154	Formation of Ir-Rh and Ir-Mo bonds by using an ancillary ortho-carborane-1,2-diselenolato ligand. <i>Angewandte Chemie - International Edition</i> , 2004 , 44, 259-62	16.4	121
153	Self-assembly of molecular Borromean rings from bimetallic coordination rectangles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11218-22	16.4	118
152	Molecular Borromean Rings Based on Half-Sandwich Organometallic Rectangles. <i>Accounts of Chemical Research</i> , 2018 , 51, 2148-2158	24.3	110
151	Stepwise construction of discrete heterometallic coordination cages based on self-sorting strategy. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2982-5	16.4	109

150	Recent advances in the construction and applications of heterometallic macrocycles and cages. <i>Coordination Chemistry Reviews</i> , 2017 , 344, 323-344	23.2	100
149	Supramolecular catalysis based on discrete heterometallic coordination-driven metallacycles and metallacages. <i>Coordination Chemistry Reviews</i> , 2019 , 386, 69-84	23.2	97
148	B H activation of carboranes induced by late transition metals. <i>Coordination Chemistry Reviews</i> , 2017 , 350, 300-319	23.2	93
147	Stacking Interactions Induced Selective Conformation of Discrete Aromatic Arrays and Borromean Rings. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1653-1660	16.4	87
146	Coordination-Directed Construction of Molecular Links. <i>Chemical Reviews</i> , 2020 , 120, 6288-6325	68.1	85
145	Photodriven single-crystal-to-single-crystal transformation. <i>Coordination Chemistry Reviews</i> , 2017 , 346, 112-122	23.2	83
144	Stepwise Formation of Tetra- and Hexanuclear Iridium and Rhodium Complexes Containing Oxalato Ligands. <i>Organometallics</i> , 2007 , 26, 5848-5853	3.8	80
143	Molecular Borromean Rings Based on Dihalogenated Ligands. <i>Chem</i> , 2017 , 3, 110-121	16.2	79
142	Facile Separation of Regioisomeric Compounds by a Heteronuclear Organometallic Capsule. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10700-7	16.4	78
141	Stepwise Formation of "organometallic boxes" with half-sandwich Ir, Rh and Ru fragments. <i>Chemical Communications</i> , 2008 , 350-2	5.8	78
140	Metallacyclic assembly of interlocked superstructures. <i>Coordination Chemistry Reviews</i> , 2017 , 333, 1-26	23.2	74
139	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, 5758-64	4.8	71
138	Sunlight induced cycloaddition and host-guest property of self-assembled organometallic macrocycles based on a versatile building block. <i>Chemical Communications</i> , 2012 , 48, 4435-7	5.8	69
137	Porphyrin-carborane organometallic assemblies based on 1, 2-dicarba-closo-dodecaborane (12) ligands. <i>Chemical Communications</i> , 2006 , 162-4	5.8	69
136	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, 1863-71	4.8	63
135	Synthesis, Characterization, and Electrochemical Properties of Molecular Rectangles of Half-Sandwich Iridium Complexes Containing Bridging Chloranilate Ligands <i>Organometallics</i> , 2008 , 27, 4088-4097	3.8	61
134	Rational Design of Polynuclear Organometallic Assemblies from a Simple Heteromultifunctional Ligand. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13670-8	16.4	56
133	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	2.3	55

132	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	3.8	53
131	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	2.3	52
130	H ₂ -initiated reversible switching between two-dimensional metallacycles and three-dimensional cylinders. <i>Journal of the American Chemical Society</i> , 2014 , 136, 14608-15	16.4	51
129	Versatile reactivity of half-sandwich Ir and Rh complexes toward carboranylaminates and their derivatives: synthesis, structure, and catalytic activity for norbornene polymerization. <i>Chemistry - A European Journal</i> , 2011 , 17, 13298-307	4.8	50
128	Construction of Surface-Metalated Pillar[5]arenes which Bind Anions via Anion- π Interactions. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14438-14442	16.4	49
127	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, 7342-50	4.8	49
126	Stepwise Formation of Half-Sandwich Iridium-Based Rectangles Containing 2,5-Diarylmino-1,4-benzoquinone Derivatives Linkers. <i>Organometallics</i> , 2009 , 28, 3459-3464	3.8	48
125	Synthesis, Characterization, and Ethylene Polymerization of Group IV Metal Complexes with Mono-Cp and Tridentate Aryloxide or Arylsulfide Ligands. <i>Organometallics</i> , 2007 , 26, 4042-4047	3.8	48
124	Dinuclear Half-Sandwich Complexes Containing Bridging 1,2-Dicarba-closo-dodecaborane-1,2-dichalcogenolato Ligands. Molecular Structures of Cp ₂ Fe ₂ (CO) ₃ [Fe ₂ C ₂ (B ₁₀ H ₁₀)], Cp ₂ Ru ₂ [Fe ₂ C ₂ (B ₁₀ H ₁₀)] ₂ , and Cp ₂ Ru ₂ (Fe)[Fe ₂ C ₂ (B ₁₀ H ₁₀)]. <i>Organometallics</i> , 2002 , 21, 2533-2535	3.8	48
123	Two-step assembly of multinuclear metallacycles with half-sandwich Ir, Rh, and Ru fragments for counteranion encapsulation. <i>Inorganic Chemistry</i> , 2010 , 49, 2193-201	5.1	47
122	Stepwise Formation of Molecular Rectangles of Half-Sandwich Rhodium and Ruthenium Complexes Containing Bridging Chloranilate Ligands. <i>Organometallics</i> , 2008 , 27, 5002-5008	3.8	45
121	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	16.4	44
120	Coordination-driven self-assembly of a molecular figure-eight knot and other topologically complex architectures. <i>Nature Communications</i> , 2019 , 10, 2057	17.4	43
119	Covalent Post-assembly Modification Triggers Structural Transformations of Borromean Rings. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9160-9164	16.4	42
118	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	3.8	41
117	Self-Assembly of Molecular Borromean Rings from Bimetallic Coordination Rectangles. <i>Angewandte Chemie</i> , 2014 , 126, 11400-11404	3.6	40
116	Facile Synthesis of Size-Tunable Functional Polyimidazolium Macrocycles through a Photochemical Closing Strategy. <i>Chemistry - A European Journal</i> , 2015 , 21, 17610-3	4.8	40
115	Nano-sized heterometallic macrocycles based on 4-pyridinylboron-capped iron(II) clathrochelates: syntheses, structures and properties. <i>Chemical Communications</i> , 2014 , 50, 2327-9	5.8	39

114	Synthesis, Reactivity, and Structural Transformation of Mono- and Binuclear Carboranylaminidate-Based 3d Metal Complexes and Metallacarborane Derivatives. <i>Organometallics</i> , 2012 , 31, 1767-1774	3.8	39
113	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	16.4	37
112	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	16.4	36
111	Half-Sandwich Chromium(III) Catalysts Bearing Hydroxyindanimine Ligands for Ethylene Polymerization. <i>Organometallics</i> , 2009 , 28, 4170-4174	3.8	36
110	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> , 2011 , 30, 5365-5373	3.8	35
109	Engineering organic macrocycles and cages: versatile bonding approaches. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 24-42	4.5	34
108	Stepwise formation of organometallic macrocycles and triangular prisms containing 2,2'-bisbenzimidazole ligands. <i>Dalton Transactions</i> , 2013 , 42, 82-8	4.3	33
107	Synthesis, Characterization, and Properties of Half-Sandwich Iridium/Rhodium-Based Metallarectangles. <i>Organometallics</i> , 2014 , 33, 3091-3095	3.8	32
106	Discrepant gas adsorption in isostructural heterometallic coordination polymers: strong dependence of metal identity. <i>CrystEngComm</i> , 2013 , 15, 78-85	3.3	32
105	Efficient formation of organoiridium macrocycles via C-H activation directed self-assembly. <i>Chemical Communications</i> , 2010 , 46, 3556-8	5.8	32
104	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 , 949-54	4.3	32
103	Synthesis, Characterization, and Norbornene Polymerization Behavior of the Half-Sandwich Complexes [Cp*3M3(B-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> , 2008 , 27, 961-966	3.8	32
102	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	3.1	32
101	Box-like Heterometallic Macrocycles Derived from Bis-Terpyridine Metalloligands. <i>Organometallics</i> , 2014 , 33, 1283-1290	3.8	30
100	Reversible photochemische Modifikationen an Metallacyclen aus Dicarbenen mit Cumarinsubstituenten. <i>Angewandte Chemie</i> , 2015 , 127, 5042-5046	3.6	29
99	Synthesis and characterization of heterometallic M-Ru (M = Co, Rh, Ir) clusters containing the nido-dicarborane-1,2-dithiolato chelating ligand. <i>Dalton Transactions</i> , 2009 , 111-8	4.3	29
98	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, 15521-4	16.4	28
97	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	2.3	28

96	Tetrametallic clusters (Ir(2)Rh(2)) through an ancillary ortho-carborane-1,2-dichalcogenolato ligands. <i>Dalton Transactions</i> , 2006 , 86-90	4.3	28
95	Self-assembly of metalla[3]catenanes, Borromean rings and ring-in-ring complexes using a simple E-donor unit. <i>National Science Review</i> , 2020 , 7, 1548-1556	10.8	28
94	Self-assembled hexanuclear organometallic cages: synthesis, characterization, and host-guest properties. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1243-50	4.5	26
93	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> , 2008 , 47, 2940-2	5.1	26
92	Stacking-interaction-induced host-guest chemistry and Borromean rings based on a polypyridyl ligand. <i>Chemical Communications</i> , 2018 , 54, 1559-1562	5.8	25
91	An unprecedented E-type octamolybdate: [TbI1]2[(Mo8O26)0.5(E Mo8O26)] directed by a new tricationic template. <i>CrystEngComm</i> , 2013 , 15, 9844	3.3	24
90	Mixed-Metal Coordination Cages Constructed with Pyridyl-Functionalized E-Diketone Metalloligands: Syntheses, Structures and Host-Guest Properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 14893-900	4.8	24
89	Efficient Route to Organometallic Cage Formation via C-H Activation-Directed Multicomponent Assembly Accompanying Aromatic Guest Encapsulation. <i>Organometallics</i> , 2012 , 31, 995-1000	3.8	24
88	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> , 2010 , 16, 12017-27	4.8	24
87	Host-guest capability of a three-dimensional heterometallic macrocycle. <i>Dalton Transactions</i> , 2018 , 47, 2240-2246	4.3	23
86	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	23
85	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	23
84	Selective Construction of Very Large Stacking-Interaction-Induced Molecular 8 Metalla-knots and Borromean Ring Using Curved Dipyrldyl Ligands. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1119-1125	16.4	23
83	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	2.3	22
82	Stereoselective Synthesis of a Topologically Chiral Solomon Link. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13667-13671	16.4	22
81	Selective B(4)-H Activation of an o-Carboranylthioamide Based on a Palladium Precursor. <i>Chemistry - A European Journal</i> , 2017 , 23, 1814-1819	4.8	20
80	s-Block metal ions induce structural transformations between figure-eight and double trefoil knots. <i>Chemical Science</i> , 2020 , 11, 1226-1232	9.4	20
79	Bis-imine-cyclometalated macrocycles: synthesis, characterization and observation of solution behaviour. <i>Dalton Transactions</i> , 2011 , 40, 4982-93	4.3	20

78	Trinuclear Rh ₂ M Complexes (M = Ni, Pd) Bridged by Butyl Selenolato and Carborane Diselenolato Ligands. <i>Organometallics</i> , 2007 , 26, 5442-5445	3.8	19
77	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, 2356-60	4.3	18
76	Efficient synthesis of carborane azo derivatives and their reactivity. <i>Dalton Transactions</i> , 2017 , 46, 1585-1592	4.9	17
75	Metal-induced B-H bond activation: reactions between half-sandwich Ir and Rh complexes with carboranylthioamide. <i>Dalton Transactions</i> , 2015 , 44, 1530-3	4.3	16
74	Selective CO ₂ capture by a 3d ⁴ d coordination polymer material with 1D channel. <i>CrystEngComm</i> , 2011 , 13, 6013	3.3	16
73	Isomers of Cyclometalated Macrocycles Constructed through Olefinic C-H Activation. <i>Organometallics</i> , 2014 , 33, 587-593	3.8	15
72	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 , 3792-7	4.3	15
71	Self-Assembly of Molecular Figure-Eight Knots Induced by Quadruple Stacking Interactions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18946-18954	16.4	15
70	Design of and Stability Studies on Trefoil Knots Featuring RhCp* Building Blocks. <i>Chemistry - A European Journal</i> , 2019 , 25, 9721-9727	4.8	14
69	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	1.3	14
68	Steric-Effects-Directed B-H Bond Activation of -Carboranes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5099-5105	16.4	14
67	Discrete Rectangles, Prisms, and Heterometallic Cages from a Conjugated Cp*Rh-Based Building Block. <i>Chemistry - A European Journal</i> , 2015 , 21, 16975-81	4.8	13
66	Iridium-Induced Regioselective B-H and C-C Activations at Azo-Substituted o-Carboranes. <i>Chemistry - A European Journal</i> , 2018 , 24, 10357-10363	4.8	13
65	Controllable construction of half-sandwich octanuclear complexes based on pyridyl-substituted ligands with conjugated centers. <i>Dalton Transactions</i> , 2017 , 46, 8190-8197	4.3	12
64	Selective Synthesis of Discrete Mono-, Interlocked-, and Borromean Ring Ensembles Based on a Electron-Deficient Ligand. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 2712-2718	4.5	12
63	Control of Heterometallic Three-Dimensional Macrocycles with Aromatic Stacks in Tunable Host Cavities. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 594-598	4.9	12
62	Synthesis and Characterization of Novel Lanthanocene Complexes with Dichalcogenolate o-Carboranyl Ligands. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 1256-1262	4.9	12
61	Metalloradicals Supported by a meta-Carborane Ligand. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8129-8133	16.4	11

60	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	4.8	11
59	A hierarchical assembly strategy for near-infrared photothermal conversion: unconventional heterogeneous metalla[2]catenanes. <i>Chemical Science</i> , 2020 , 11, 11509-11513	9.4	11
58	A stepwise assembly of a molecular box from 16-electron half-sandwich precursors [Cp*M(pdt)] (M = Rh, Ir). <i>Dalton Transactions</i> , 2015 , 44, 10281-8	4.3	10
57	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	4.8	10
56	Selektive Synthese von Iridium(III)-Metalla[2]catenanen durch Präorganisation der Komponenten Bei Wechselwirkungen. <i>Angewandte Chemie</i> , 2019 , 131, 5941-5946	3.6	10
55	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	4.8	10
54	Size recognition and optical unloading of polyaromatic compounds based on a coordination box containing face-to-face olefin bonds. <i>RSC Advances</i> , 2013 , 3, 11476	3.7	10
53	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> , 2002 , 628, 1985-1990	1.3	10
52	Selective Encapsulation and Separation of Dihalobenzene Isomers with Discrete Heterometallic Macrocages. <i>Chemistry - A European Journal</i> , 2018 , 24, 18913-18921	4.8	10
51	Highly selective synthesis and near-infrared photothermal conversion of metalla-Borromean ring and [2]catenane assemblies. <i>Chemical Science</i> ,	9.4	10
50	Light-initiated reversible conversion of macrocyclic endoperoxides derived from half-sandwich rhodium-based metallarectangles. <i>Dalton Transactions</i> , 2018 , 47, 2769-2777	4.3	9
49	Construction of tetranuclear metallacycles based on half-sandwich Ir, Rh fragments and pyridyl-substituted ligands with different coordinate vectors. <i>Dalton Transactions</i> , 2016 , 45, 4534-40	4.3	9
48	Construction of iridium and rhodium cyclometalated macrocycles based on p-carborane and N,N'-donor bridging ligands. <i>Dalton Transactions</i> , 2014 , 43, 17200-8	4.3	9
47	Heterooctamolybdate-Based Clusters H[(Cp*Rh)PMoO] and H[Na(Cp*Ir)PMoO] and Derived Hybrid Nanomaterials with Efficient Electrocatalytic Hydrogen Evolution Reaction Activity. <i>Inorganic Chemistry</i> , 2017 , 56, 12520-12528	5.1	9
46	Transition metal-mediated B(4)-H hydroxylation/halogenation of o-carboranes bearing a 2-pyridylsulfenyl ligand. <i>Chemical Communications</i> , 2021 , 57, 2412-2415	5.8	9
45	Highly Selective Separation of Benzene and Cyclohexane in a Spatially Confined Carborane Metallacage.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	9
44	The synthesis and reactivity of 16-electron half-sandwich iridium complexes bearing a carboranylthioamide ligand. <i>Dalton Transactions</i> , 2017 , 46, 15535-15540	4.3	8
43	Syntheses and molecular structures of half-sandwich iridium metallarectangles containing bridging 2,5-dihydroxy-1,4- benzoquinonato (dhbq) ligands. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1225-1230	2.3	8

42	Preparation of polynuclear NHC complexes by post-synthetic modification of half-sandwich rhodium and iridium complexes bearing C-azoloto ligands. <i>Dalton Transactions</i> , 2018 , 47, 9442-9452	4.3	8
41	Syntheses, Structures, and Solution Studies of Multicomponent Macrocycles and Cages Based on Versatile Ligands. <i>Chemistry - A European Journal</i> , 2017 , 23, 11133-11140	4.8	7
40	Iridium-induced regioselective B-H and C-H activations at azo-substituted m-carboranes: facile access to polynuclear complexes. <i>Chemical Communications</i> , 2018 , 55, 210-213	5.8	7
39	An "All-in-One" Synthetic Strategy for Linear Metalla[4]Catenanes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12404-12411	16.4	7
38	Selective construction and stability studies of a molecular trefoil knot and Solomon link. <i>Dalton Transactions</i> , 2021 , 50, 16984-16989	4.3	6
37	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> , 2018 , 47, 13641-13646	4.3	6
36	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	16.4	5
35	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	9.4	5
34	A nonanuclear triangular macrocycle and a linear heptanuclear heterometallic complex based on a 2-substituted imidazole-4,5-dicarboxylate ligand. <i>Dalton Transactions</i> , 2016 , 45, 12680-4	4.3	5
33	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	4.9	5
32	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> , 2018 , 37, 1801-1812	3.8	5
31	A template-free strategy for the synthesis of highly stable trefoil knots. <i>Journal of Organometallic Chemistry</i> , 2020 , 912, 121172	2.3	4
30	Half-sandwich rhodium and iridium metallamacrocycles constructed via C-H activation. <i>Dalton Transactions</i> , 2016 , 45, 7014-21	4.3	4
29	Organometallic macrocycles and cages based on bis(amidinate) ligands. <i>Pure and Applied Chemistry</i> , 2014 , 86, 953-965	2.1	4
28	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	16.4	4
27	Regioselective B-H/C-H Bond Activation at Azo-Substituted Carboranes Induced by Half-Sandwich Iridium(III) Complex. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 281-287	4.9	4
26	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> , 2018 , 18, 6911-6917	3.5	4
25	Controllable assembly of rectangular macrocycles bearing different numbers of unsaturated sites based on half-sandwich iridium fragments. <i>Dalton Transactions</i> , 2018 , 47, 6378-6385	4.3	3

24	Construction of half-sandwich multinuclear complexes including tunnel architectures via C-H-activation-directed assembly. <i>Dalton Transactions</i> , 2018 , 47, 7701-7708	4.3	3
23	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> , 2021 , 8, 231-238	5.2	3
22	Stepwise B-H bond activation of a meta-carborane. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 4349-4355	6.8	3
21	Same knot, longer rope: altering ligand geometry provides control over nuclearity in self-assembled trefoil knots. <i>Chemical Communications</i> , 2021 , 57, 9772-9775	5.8	3
20	Regioselective B(3)-H bond activation based on an o-carboranyl dithiocarboxylate ligand and its derivatives. <i>Dalton Transactions</i> , 2021 , 50, 1060-1068	4.3	3
19	Stepwise construction of discrete parallelogram- and prism-shaped organometallic architectures based on half-sandwich rhodium fragments. <i>Dalton Transactions</i> , 2017 , 46, 10498-10503	4.3	2
18	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> , 2013 , 31, 760-768	3.5	2
17	Molecular structure of metallocene catalyst Cp ₂ ttZrCl ₂ and structural analysis of PE catalyzed by Cp ₂ ttZrCl ₂ . <i>Journal of Applied Polymer Science</i> , 2005 , 96, 169-174	2.9	2
16	Discrete Supramolecular Stacks Based on Multinuclear Tweezer-Type Rhodium Complexes. <i>Chemistry - A European Journal</i> , 2020 , 26, 558-563	4.8	2
15	Selective Construction of Trefoil knots and a Molecular Borromean Ring Induced by Steric Hindrance of Thioether Ligands. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 1918-1924	4.5	2
14	Metalloradicals Supported by a meta-Carborane Ligand. <i>Angewandte Chemie</i> , 2019 , 131, 8213-8217	3.6	2
13	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, 1000-1005	4.9	2
12	Coordination-driven self-assembly of Cp*Rh-Based Rectangles, Cages and Their Host-Guest Binding Study. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4926	3.1	1
11	Construction of half-sandwich rhodium- and iridium-based metallamacrocycles with different space conformations via isomeric pyridyl-substituted ligands. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 1959-1970	4.6	1
10	Guest Encapsulation and Self-Assembly of a Box-like Metalla-Rectangle Featuring Cp*Rh Fragments. <i>Journal of Organometallic Chemistry</i> , 2022 , 122353	2.3	1
9	Palladium-promoted sulfur atom migration on carboranes: facile B(4)-B bond formation from mononuclear Pd-B(4) complexes. <i>Pure and Applied Chemistry</i> , 2018 , 90, 607-616	2.1	0
8	Stimuli-Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties. <i>Angewandte Chemie</i> , 2021 , 133, 15594-15599	3.6	0
7	Coordination-Driven Selective Formation of D Symmetric Octanuclear Organometallic Cages. <i>Chemistry - A European Journal</i> , 2021 , 27, 9524-9528	4.8	0

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| 6 | Innentitelbild: Selektive Synthese von Iridium(III)-Metalla[2]catenanen durch Präorganisation der Komponenten über Wechselwirkungen (Angew. Chem. 18/2019). <i>Angewandte Chemie</i> , 2019 , 131, 5830-5830 | 3.6 |
| 5 | Innentitelbild: Stimuli-Responsive Topological Transformation of a Molecular Borromean Ring via Controlled Oxidation of Thioether Moieties (Angew. Chem. 28/2021). <i>Angewandte Chemie</i> , 2021 , 133, 15791-15791 | 3.6 |
| 4 | Coordination-driven self-assembly of Cp*Rh-based rectangles in novel families of hetero-bimetallic metal-organic frameworks. <i>Applied Organometallic Chemistry</i> , 2019 , 33, e4759 | 3.1 |
| 3 | Selective Encapsulation and Separation of Dihalobenzene Isomers with Discrete Heterometallic Macrocages. <i>Chemistry - A European Journal</i> , 2018 , 24, 18819-18819 | 4.8 |
| 2 | Iridium-Induced Regioselective B-H and C-H Activations at Azo-Substituted o-Carboranes. <i>Chemistry - A European Journal</i> , 2018 , 24, 10270-10270 | 4.8 |
| 1 | Rational Design and Integrative Assembly of Heteromeric Metalla[2]Catenanes Featuring Cp*Ir/Rh Fragments.. <i>Chemistry - A European Journal</i> , 2022 , 28, e202104617 | 4.8 |