

# Peter J Stang

## List of Publications by Year in descending order

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421  
papers

35,056  
citations

4370

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457  
docs citations

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times ranked

17300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Discrete Cyclic Nanostructures Mediated by Transition Metals. <i>Chemical Reviews</i> , 2000, 100, 853-908.	23.0	3,439
2	Metal-Organic Frameworks and Self-Assembled Supramolecular Coordination Complexes: Comparing and Contrasting the Design, Synthesis, and Functionality of Metal-Organic Materials. <i>Chemical Reviews</i> , 2013, 113, 734-777.	23.0	2,588
3	Supramolecular Coordination: Self-Assembly of Finite Two- and Three-Dimensional Ensembles. <i>Chemical Reviews</i> , 2011, 111, 6810-6918.	23.0	2,587
4	High-Symmetry Coordination Cages via Self-Assembly. <i>Accounts of Chemical Research</i> , 2002, 35, 972-983.	7.6	1,682
5	Recent Developments in the Preparation and Chemistry of Metallacycles and Metallacages via Coordination. <i>Chemical Reviews</i> , 2015, 115, 7001-7045.	23.0	1,540
6	Self-Assembly, Symmetry, and Molecular Architecture: Coordination as the Motif in the Rational Design of Supramolecular Metallacyclic Polygons and Polyhedra. <i>Accounts of Chemical Research</i> , 1997, 30, 502-518.	7.6	1,364
7	Self-Organization in Coordination-Driven Self-Assembly. <i>Accounts of Chemical Research</i> , 2009, 42, 1554-1563.	7.6	670
8	Self-assembly of nanoscale cuboctahedra by coordination chemistry. <i>Nature</i> , 1999, 398, 796-799.	13.7	616
9	Highly emissive platinum(II) metallacages. <i>Nature Chemistry</i> , 2015, 7, 342-348.	6.6	597
10	Self-Assembly of Cationic, Tetranuclear, Pt(II) and Pd(II) Macrocyclic Squares. x-ray Crystal Structure of [Pt <sub>2</sub> (dppp)(4,4'-bipyridyl).cntdot.2-OSO <sub>2</sub> CF <sub>3</sub> ] <sub>4</sub> . <i>Journal of the American Chemical Society</i> , 1995, 117, 6273-6283.	6.6	457
11	Biomedical and Biochemical Applications of Self-Assembled Metallacycles and Metallacages. <i>Accounts of Chemical Research</i> , 2013, 46, 2464-2474.	7.6	438
12	Transition Metal Based Cationic Molecular Boxes. Self-Assembly of Macrocyclic Platinum(II) and Palladium(II) Tetranuclear Complexes. <i>Journal of the American Chemical Society</i> , 1994, 116, 4981-4982.	6.6	366
13	Unsaturated carbenes. <i>Chemical Reviews</i> , 1978, 78, 383-405.	23.0	344
14	Photophysical Properties of Organoplatinum(II) Compounds and Derived Self-Assembled Metallacycles and Metallacages: Fluorescence and its Applications. <i>Accounts of Chemical Research</i> , 2016, 49, 2527-2539.	7.6	334
15	Coordination-driven self-assembly of functionalized supramolecular metallacycles. <i>Chemical Communications</i> , 2008, , 5896.	2.2	318
16	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. <i>Journal of the American Chemical Society</i> , 2017, 139, 5067-5074.	6.6	301
17	Self-Assembly of Nanoscopic Dodecahedra from 50 Predesigned Components. <i>Journal of the American Chemical Society</i> , 1999, 121, 10434-10435.	6.6	286
18	Biomedically Relevant Self-Assembled Metallacycles and Metallacages. <i>Journal of the American Chemical Society</i> , 2019, 141, 14005-14020.	6.6	283

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19	Recent developments in the construction and applications of platinum-based metallacycles and metallacages via coordination. <i>Chemical Society Reviews</i> , 2020, 49, 3889-3919.	18.7	275
20	Molecular Architecture: Coordination as the Motif in the Rational Design and Assembly of Discrete Supramolecular Species – Self-Assembly of Metallacyclic Polygons and Polyhedra. <i>Chemistry - A European Journal</i> , 1998, 4, 19-27.	1.7	270
21	Responsive Supramolecular Polymer Metallogel Constructed by Orthogonal Coordination-Driven Self-Assembly and Host/Guest Interactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 4460-4463.	6.6	265
22	Hierarchical Assemblies of Supramolecular Coordination Complexes. <i>Accounts of Chemical Research</i> , 2018, 51, 2047-2063.	7.6	265
23	A Suite of Tetraphenylethylene-Based Discrete Organoplatinum(II) Metallacycles: Controllable Structure and Stoichiometry, Aggregation-Induced Emission, and Nitroaromatics Sensing. <i>Journal of the American Chemical Society</i> , 2015, 137, 15276-15286.	6.6	260
24	A Facile Approach toward Multicomponent Supramolecular Structures: Selective Self-Assembly via Charge Separation. <i>Journal of the American Chemical Society</i> , 2010, 132, 16873-16882.	6.6	254
25	Fluorescent Metallacage-Core Supramolecular Polymer Gel Formed by Orthogonal Metal Coordination and Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , 2018, 140, 7674-7680.	6.6	242
26	Alkynyl- and Alkenyl(phenyl)iodonium Compounds. <i>New Synthetic Methods(86)</i> . <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 274-285.	4.4	222
27	Supramolecular polymers with tunable topologies via hierarchical coordination-driven self-assembly and hydrogen bonding interfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15585-15590.	3.3	221
28	Hierarchical Self-Assembly: Well-Defined Supramolecular Nanostructures and Metallohydrogels via Amphiphilic Discrete Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2013, 135, 14036-14039.	6.6	216
29	Light-Emitting Superstructures with Anion Effect: Coordination-Driven Self-Assembly of Pure Tetraphenylethylene Metallacycles and Metallacages. <i>Journal of the American Chemical Society</i> , 2016, 138, 4580-4588.	6.6	211
30	Self-Assembly of Porphyrin Arrays via Coordination to Transition Metal Bisphosphine Complexes and the Unique Spectral Properties of the Product Metallacyclic Ensembles. <i>Journal of the American Chemical Society</i> , 1999, 121, 2741-2752.	6.6	203
31	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. <i>Journal of the American Chemical Society</i> , 2017, 139, 15940-15949.	6.6	203
32	Polyvalent Iodine in Organic Chemistry. <i>Journal of Organic Chemistry</i> , 2003, 68, 2997-3008.	1.7	198
33	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018, 9, 4335.	5.8	197
34	Metallacycle-cored supramolecular assemblies with tunable fluorescence including white-light emission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3044-3049.	3.3	170
35	Self-Assembled Fluorescent Pt(II) Metallacycles as Artificial Light-Harvesting Systems. <i>Journal of the American Chemical Society</i> , 2019, 141, 14565-14569.	6.6	170
36	Formation of [3]Catenanes from 10 Precursors via Multicomponent Coordination-Driven Self-Assembly of Metallarectangles. <i>Journal of the American Chemical Society</i> , 2013, 135, 2084-2087.	6.6	164

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37	Design, Synthesis, and Crystallographic Studies of Neutral Platinum-Based Macrocycles Formed via Self-Assembly. <i>Journal of the American Chemical Society</i> , 2004, 126, 2464-2473.	6.6	162
38	Molecular Architecture via Coordination: Self-Assembly of Nanoscale Platinum Containing Molecular Hexagons. <i>Journal of the American Chemical Society</i> , 1997, 119, 4777-4778.	6.6	161
39	Tetraphenylethene-based highly emissive metallacage as a component of theranostic supramolecular nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13720-13725.	3.3	161
40	Coordination-Driven Self-Assembly of Predesigned Supramolecular Triangles. <i>Journal of the American Chemical Society</i> , 2003, 125, 5193-5198.	6.6	160
41	A New Family of Multiferrrocene Complexes with Enhanced Control of Structure and Stoichiometry via Coordination-Driven Self-Assembly and Their Electrochemistry. <i>Journal of the American Chemical Society</i> , 2008, 130, 839-841.	6.6	160
42	Design and Study of Synthetic Chiral Nanoscopic Assemblies. Preparation and Characterization of Optically Active Hybrid, Iodonium Transition-Metal and All-Transition-Metal Macrocyclic Molecular Squares. <i>Journal of the American Chemical Society</i> , 1996, 118, 8221-8230.	6.6	159
43	Molecular Architecture via Coordination: Self-Assembly, Characterization, and Host-Guest Chemistry of Mixed, Neutral-Charged, Pt-Pt and Pt-Pd Macrocyclic Tetranuclear Complexes. X-ray Crystal Structure of Cyclobis[[cis-Pt(dppp)(4-ethynylpyridine) <sub>2</sub> ][cis-Pd <sub>2</sub> (PEt <sub>3</sub> ) <sub>2</sub> OSO <sub>2</sub> CF <sub>3</sub> ]]. <i>Journal of the American Chemical Society</i> , 1997, 119, 2524-2533.	6.6	156
44	Synthesis and Characterization of Organoplatinum Dendrimers with 1,3,5-Triethynylbenzene Building Blocks. <i>Organometallics</i> , 1998, 17, 3981-3987.	1.1	153
45	Metallo-supramolecular Tetragonal Prisms via Multicomponent Coordination-Driven Template-Free Self-Assembly. <i>Journal of the American Chemical Society</i> , 2010, 132, 6282-6283.	6.6	153
46	Heterometallic Ru-Pt metallacycle for two-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5664-5669.	3.3	145
47	Directed Self-Assembly of Chiral, Optically Active Macrocyclic Tetranuclear Molecular Squares. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 732-736.	4.4	143
48	Theoretical Insights into Hydrogen Bonding and Its Influence on the Structural and Spectral Properties of Aquo Palladium(II) Complexes: $\text{cis}[(\text{dppp})\text{Pd}(\text{H}_2\text{O})_2]^{2+}$ , $\text{cis}[(\text{dppp})\text{Pd}(\text{H}_2\text{O})(\text{OSO}_2\text{CF}_3)]^{2+}$ and $\text{cis}[(\text{dppp})\text{Pd}(\text{H}_2\text{O})_2]^{2+}/(\text{OSO}_2\text{CF}_3)_2$	3.3	143
49	Melanin-dotac-mediated delivery of metallacycle for NIR-II/photoacoustic dual-modal imaging-guided chemo-photothermal synergistic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16729-16735.	3.3	141
50	Rhomboidal Pt(II) metallacycle-based NIR-II theranostic nanoprobe for tumor diagnosis and image-guided therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1968-1973.	3.3	140
51	Combining Ferrocenes and Molecular Squares: Self-Assembly of Heterobimetallic Macrocyclic Squares Incorporating Mixed Transition Metal Systems and a Main Group Element. Single-Crystal X-ray Structure of [Pt(dppf)(H <sub>2</sub> O) <sub>2</sub> ][OTf] <sub>2</sub> . <i>Organometallics</i> , 1996, 15, 904-908.	1.1	137
52	Soft Materials with Diverse Suprastructures via the Self-Assembly of Metal-Organic Complexes. <i>Accounts of Chemical Research</i> , 2019, 52, 802-817.	7.6	136
53	Hexanuclear self-assembled arene-ruthenium nano-prismatic cages: potential anticancer agents. <i>Chemical Communications</i> , 2011, 47, 5184.	2.2	134
54	Self-Assembly of Triangular and Hexagonal Molecular Necklaces. <i>Journal of the American Chemical Society</i> , 2014, 136, 5908-5911.	6.6	134

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55	Engineering Functionalization in a Supramolecular Polymer: Hierarchical Self-Organization of Triply Orthogonal Non-covalent Interactions on a Supramolecular Coordination Complex Platform. <i>Journal of the American Chemical Society</i> , 2016, 138, 806-809.	6.6	134
56	Dendronized Organoplatinum(II) Metallacyclic Polymers Constructed by Hierarchical Coordination-Driven Self-Assembly and Hydrogen-Bonding Interfaces. <i>Journal of the American Chemical Society</i> , 2013, 135, 16813-16816.	6.6	129
57	Photoinduced transformations of stiff-stilbene-based discrete metallacycles to metallocsupramolecular polymers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8717-8722.	3.3	127
58	Coordination-Driven Self-Assembled Metallacycles Incorporating Pyrene: Fluorescence Mutability, Tunability, and Aromatic Amine Sensing. <i>Journal of the American Chemical Society</i> , 2019, 141, 1757-1765.	6.6	126
59	Formation of Planar Chiral Platinum Triangles via Pillar[5]arene for Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2020, 142, 17340-17345.	6.6	125
60	Formation of Halogen Bond-Based 2D Supramolecular Assemblies by Electric Manipulation. <i>Journal of the American Chemical Society</i> , 2015, 137, 6128-6131.	6.6	117
61	Single- and Double-Stranded Chains Assembled via Concomitant Metal Coordination and Hydrogen Bonding. <i>Organometallics</i> , 2001, 20, 1956-1959.	1.1	113
62	Coordination-Driven Self-Assembly of Cavity-Cored Multiple Crown Ether Derivatives and Poly[2]pseudorotaxanes. <i>Journal of the American Chemical Society</i> , 2008, 130, 5320-5334.	6.6	113
63	Designed Post-Self-Assembly Structural and Functional Modifications of a Truncated Tetrahedron. <i>Journal of the American Chemical Society</i> , 2011, 133, 17045-17055.	6.6	113
64	A self-assembled Ru <sup>II</sup> -Pt metallacage as a lysosome-targeting photosensitizer for 2-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20296-20302.	3.3	113
65	Fluorescent metallacycle-cored polymers via covalent linkage and their use as contrast agents for cell imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11100-11105.	3.3	112
66	Self-Assembly, Chiroptical Properties, and Host-Guest Chemistry of Chiral Pt <sup>II</sup> -Pt and Pt <sup>II</sup> -Pd Tetranuclear Macrocycles. <i>Circular Dichroism Studies on Neutral Guest Inclusion Phenomena. Journal of the American Chemical Society</i> , 1998, 120, 9827-9837.	6.6	111
67	Preparation and Solid-State Properties of Self-Assembled Dinuclear Platinum(II) and Palladium(II) Rhomboids from Carbon and Silicon Tectons. <i>Organometallics</i> , 1999, 18, 4817-4824.	1.1	111
68	Host-guest complexation-mediated codelivery of anticancer drug and photosensitizer for cancer photochemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6618-6623.	3.3	111
69	Nanoscale Tectonics: Self-Assembly, Characterization, and Chemistry of a Novel Class of Organoplatinum Square Macrocycles. <i>Journal of the American Chemical Society</i> , 1997, 119, 11611-11619.	6.6	110
70	Construction of Multifunctional Cuboctahedra via Coordination-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , 2009, 131, 6695-6697.	6.6	104
71	Temperature-Responsive Fluorescent Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2018, 140, 7723-7729.	6.6	104
72	Molecular Architecture via Coordination: Self-Assembly of Nanoscale Hexagonal Metallodendrimers with Designed Building Blocks. <i>Journal of the American Chemical Society</i> , 2006, 128, 10014-10015.	6.6	103

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73	<i>Endo</i>- and <i>Exo</i>-Functionalized Tetraphenylethylene M <sub>12</sub> L <sub>24</sub> Nanospheres: Fluorescence Emission inside a Confined Space. Journal of the American Chemical Society, 2019, 141, 9673-9679.	6.6	103
74	Dynamic Equilibrium of a Supramolecular Dimeric Rhomboid and Trimeric Hexagon and Determination of Its Thermodynamic Constants. Journal of the American Chemical Society, 2003, 125, 12309-12317.	6.6	102
75	Self-Assembly of Flexible Supramolecular Metallacyclic Ensembles: Structures and Adsorption Properties of Their Nanoporous Crystalline Frameworks. Journal of the American Chemical Society, 2004, 126, 10645-10656.	6.6	101
76	In vivo anticancer activity of rhomboidal Pt(II) metallacycles. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18448-18453.	3.3	101
77	A Discrete Amphiphilic Organoplatinum(II) Metallacycle with Tunable Lower Critical Solution Temperature Behavior. Journal of the American Chemical Society, 2014, 136, 15497-15500.	6.6	101
78	Formation of a Supramolecular Polymeric Adhesive via Water-Participant Hydrogen Bond Formation. Journal of the American Chemical Society, 2019, 141, 8058-8063.	6.6	101
79	Coordination-Driven Face-Directed Self-Assembly of Trigonal Prisms. Face-Based Conformational Chirality. Journal of the American Chemical Society, 2008, 130, 7620-7628.	6.6	100
80	Preparation and solvolysis of vinyl trifluoromethanesulfonates. I. Evidence for simple alkylvinyl cation intermediates. Journal of the American Chemical Society, 1969, 91, 4600-4601.	6.6	98
81	Vinyl triflate chemistry: unsaturated cations and carbenes. Accounts of Chemical Research, 1978, 11, 107-114.	7.6	98
82	Hybrid, Iodonium-Transition Metal, Cationic Tetranuclear Macrocyclic Squares. Journal of the American Chemical Society, 1995, 117, 1667-1668.	6.6	97
83	Self-Assembly of Chiral Metallacycles and Metallacages from a Directionally Adaptable BINOL-Derived Donor. Journal of the American Chemical Society, 2015, 137, 11896-11899.	6.6	94
84	Hierarchical Self-Assembly of Responsive Organoplatinum(II) Metallacycle-TMV Complexes with Turn-On Fluorescence. Journal of the American Chemical Society, 2016, 138, 12033-12036.	6.6	91
85	Alanine-Based Chiral Metallogels via Supramolecular Coordination Complex Platforms: Metallogelation Induced Chirality Transfer. Journal of the American Chemical Society, 2018, 140, 3257-3263.	6.6	91
86	Preparation, Characterization, and X-ray Crystal Structures of Helical and Syndiotactic Zinc-Based Coordination Polymers. Inorganic Chemistry, 2000, 39, 2547-2557.	1.9	90
87	Single-step preparation of rigid-rod, cationic, bimetallic, $\sigma$ -diyne complexes: L <sub>5</sub> M+C.tpbond.C(C <sub>6</sub> H <sub>4</sub> )C.tpbond.CM+L <sub>5</sub> .cntdot.2TfO <sup>-</sup> (M = iridium, rhodium). Journal of the American Chemical Society, 1992, 114, 4411-4412.	6.6	89
88	Orthogonal self-assembly of an organoplatinum(II) metallacycle and cucurbit[8]uril that delivers curcumin to cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8087-8092.	3.3	88
89	A new method for the synthesis of cyclopentenones via the tandem Michael addition-carbene insertion reaction of $\beta$ -ketoethynyl(phenyl)iodonium salts. Journal of the American Chemical Society, 1994, 116, 93-98.	6.6	87
90	X-ray Diffraction and DOSY NMR Characterization of Self-Assembled Supramolecular Metallo-cyclic Species in Solution. Journal of the American Chemical Society, 2005, 127, 10731-10738.	6.6	87

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91	Mesoscopic self-organization of a self-assembled supramolecular rectangle on highly oriented pyrolytic graphite and Au(111) surfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 971-974.	3.3	86
92	Size Selective Self-Sorting in Coordination-Driven Self-Assembly of Finite Ensembles. <i>Inorganic Chemistry</i> , 2008, 47, 4706-4711.	1.9	85
93	Dual-emissive Platinum(II) Metallacage with a Sensitive Oxygen Response for Imaging of Hypoxia and Imaging-Guided Chemotherapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20208-20214.	7.2	85
94	Stereoselective formation of conjugated enynes via coupling of alkynyliodonium tosylates and vinylcopper reagents. <i>Journal of the American Chemical Society</i> , 1987, 109, 7561-7563.	6.6	84
95	Facile Self-Assembly of Predesigned Neutral 2D Pt-Macrocycles via a New Class of Rigid Oxygen Donor Linkers. <i>Journal of the American Chemical Society</i> , 2003, 125, 13950-13951.	6.6	84
96	Immobilizing Tetraphenylethylene into Fused Metallacycles: Shape Effects on Fluorescence Emission. <i>Journal of the American Chemical Society</i> , 2016, 138, 13131-13134.	6.6	80
97	Self-Healing Heterometallic Supramolecular Polymers Constructed by Hierarchical Assembly of Triply Orthogonal Interactions with Tunable Photophysical Properties. <i>Journal of the American Chemical Society</i> , 2019, 141, 17909-17917.	6.6	80
98	Membrane intercalation-enhanced photodynamic inactivation of bacteria by a metallacycle and TAT-decorated virus coat protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23437-23443.	3.3	78
99	Preparation, via Double Oxidative Addition, and Characterization of Bimetallic Platinum and Palladium Complexes: A Unique Building Blocks for Supramolecular Macrocycles. <sup>13</sup> C NMR Analysis of the Nature of the Palladium-Carbon Bond. <i>Organometallics</i> , 1997, 16, 1897-1905.	1.1	77
100	Self-Assembled Arene-Ruthenium-Based Rectangles for the Selective Sensing of Multi-Carboxylate Anions. <i>Chemistry - A European Journal</i> , 2011, 17, 7837-7844.	1.7	77
101	Anthracene-Triphenylamine-Based Platinum(II) Metallacages as Synthetic Light-Harvesting Assembly. <i>Journal of the American Chemical Society</i> , 2021, 143, 2908-2919.	6.6	76
102	Coordination-Driven Assembly of Molecular Rectangles via an Organometallic "Clip". <i>Organic Letters</i> , 2000, 2, 3727-3729.	2.4	73
103	Designed Conformation and Fluorescence Properties of Self-Assembled Phenazine-Cored Platinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2019, 141, 5535-5543.	6.6	73
104	Alkynyl sulfonate esters. Preparation and characterization of acetylenic tosylates, RC.tplbond.COTs. <i>Journal of the American Chemical Society</i> , 1985, 107, 1452-1453.	6.6	70
105	Photophysical and Computational Investigations of Bis(phosphine) Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2012, 134, 10607-10620.	6.6	70
106	Tunable Visible Light Emission of Self-Assembled Rhomboidal Metallacycles. <i>Journal of the American Chemical Society</i> , 2013, 135, 13676-13679.	6.6	70
107	Capture and Release of Singlet Oxygen in Coordination-Driven Self-Assembled Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 2601-2608.	6.6	69
108	Photophysical Properties of Self-Assembled Multinuclear Platinum Metallacycles with Different Conformational Geometries. <i>Journal of the American Chemical Society</i> , 2013, 135, 6694-6702.	6.6	67

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109	Ethynyl(phenyl)iodonium Triflate, [HCl]½ CIPh][OSO <sub>2</sub> CF <sub>3</sub> ]: Preparation, Spectral Properties, Mechanism of Formation and X-Ray Molecular Structure. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 287-288.	4.4	66
110	A general approach to aryl(cyano)iodonium triflates - versatile iodonium transfer reagents. <i>Tetrahedron Letters</i> , 1993, 34, 6853-6856.	0.7	66
111	From Solvolysis to Self-Assembly. <i>Journal of Organic Chemistry</i> , 2009, 74, 2-20.	1.7	66
112	Metallacycle-Cored Supramolecular Polymers: Fluorescence Tuning by Variation of Substituents. <i>Journal of the American Chemical Society</i> , 2018, 140, 16920-16924.	6.6	66
113	Abiological Self-Assembly via Coordination: Formation of 2D Metallacycles and 3D Metallacages with Well-Defined Shapes and Sizes and Their Chemistry. <i>Journal of the American Chemical Society</i> , 2012, 134, 11829-11830.	6.6	64
114	Self-Assembled Perylene Bisimide-Cored Trigonal Prism as an Electron-Deficient Host for C <sub>60</sub> and C <sub>70</sub> Driven by "Like Dissolves Like". <i>Journal of the American Chemical Society</i> , 2020, 142, 15950-15960.	6.6	64
115	Hierarchical Self-Assembly of Discrete Metal-Organic Cages into Supramolecular Nanoparticles for Intracellular Protein Delivery. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5429-5435.	7.2	64
116	Bis[phenyl[(perfluoroalkanesulfonyl)oxy]iodo]acetylene, PhI+C.tpbond.Cl+Ph.cntdot.2RFSO <sub>3</sub> <sup>-</sup> , and 1,4bis[phenyl[(perfluoroalkanesulfonyl)oxy]iodo]-1,3-butadiyne, PhI+C.tpbond.C-C.tpbond.Cl+Ph.cntdot.2RFSO <sub>3</sub> <sup>-</sup> . <i>Journal of the American Chemical Society</i> , 1990, 112, 6437-6438.	6.6	63
117	Self-Assembly of Metallacages into Multidimensional Suprastructures with Tunable Emissions. <i>Journal of the American Chemical Society</i> , 2018, 140, 12819-12828.	6.6	63
118	Behavior of bent vinyl cations generated by solvolysis of cyclic trifluoromethanesulfonates. <i>Journal of the American Chemical Society</i> , 1971, 93, 1513-1516.	6.6	61
119	On attempts at solvolytic generation of aryl cations. <i>Journal of Organic Chemistry</i> , 1976, 41, 4099-4103.	1.7	61
120	Hierarchical Self-Assembly of a Pyrene-Based Discrete Organoplatinum(II) Double-Metallacycle with Triflate Anions via Hydrogen Bonding and Its Tunable Fluorescence Emission. <i>Journal of the American Chemical Society</i> , 2020, 142, 13689-13694.	6.6	61
121	Preparation, molecular structure, and Diels-Alder cycloaddition chemistry of .beta.-functionalized alkynyl(phenyl)iodonium salts. <i>Journal of the American Chemical Society</i> , 1993, 115, 2590-2597.	6.6	60
122	Design of a Metallacycle-Based Supramolecular Photosensitizer for In Vivo Image-Guided Photodynamic Inactivation of Bacteria. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202110048.	7.2	59
123	Stoichiometric Control of Multiple Different Tectons in Coordination-Driven Self-Assembly: Preparation of Fused Metallacyclic Polygons. <i>Journal of the American Chemical Society</i> , 2009, 131, 12028-12029.	6.6	58
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