

# Peter J Stang

## List of Publications by Citations

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310  
papers

29,044  
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79  
h-index

167  
g-index

457  
ext. papers

31,911  
ext. citations

10.9  
avg, IF

7.62  
L-index

#	Paper	IF	Citations
310	Self-assembly of discrete cyclic nanostructures mediated by transition metals. <i>Chemical Reviews</i> , <b>2000</b> , 100, 853-908	68.1	3165
309	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> , <b>2013</b> , 113, 734-77	68.1	2304
308	Supramolecular coordination: self-assembly of finite two- and three-dimensional ensembles. <i>Chemical Reviews</i> , <b>2011</b> , 111, 6810-918	68.1	2230
307	High-symmetry coordination cages via self-assembly. <i>Accounts of Chemical Research</i> , <b>2002</b> , 35, 972-83	24.3	1577
306	Recent Developments in the Preparation and Chemistry of Metallacycles and Metallacages via Coordination. <i>Chemical Reviews</i> , <b>2015</b> , 115, 7001-45	68.1	1221
305	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> , <b>1997</b> , 30, 502-518	24.3	1214
304	Self-organization in coordination-driven self-assembly. <i>Accounts of Chemical Research</i> , <b>2009</b> , 42, 1554-63	24.3	624
303	Self-assembly of nanoscale cuboctahedra by coordination chemistry. <i>Nature</i> , <b>1999</b> , 398, 796-9	50.4	530
302	Highly emissive platinum(II) metallacages. <i>Nature Chemistry</i> , <b>2015</b> , 7, 342-8	17.6	491
301	Biomedical and biochemical applications of self-assembled metallacycles and metallacages. <i>Accounts of Chemical Research</i> , <b>2013</b> , 46, 2464-74	24.3	394
300	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> , <b>1995</b> , 117, 6273-6283	16.4	388
299	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> , <b>1994</b> , 116, 4981-4982	16.4	311
298	Coordination-driven self-assembly of functionalized supramolecular metallacycles. <i>Chemical Communications</i> , <b>2008</b> , 5896-908	5.8	305
297	Unsaturated carbenes. <i>Chemical Reviews</i> , <b>1978</b> , 78, 383-405	68.1	297
296	Photophysical Properties of Organoplatinum(II) Compounds and Derived Self-Assembled Metallacycles and Metallacages: Fluorescence and its Applications. <i>Accounts of Chemical Research</i> , <b>2016</b> , 49, 2527-2539	24.3	276
295	Self-Assembly of Nanoscopic Dodecahedra from 50 Predesigned Components. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 10434-10435	16.4	252
294	Responsive supramolecular polymer metallogel constructed by orthogonal coordination-driven self-assembly and host/guest interactions. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 4460-3	16.4	245

293	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 5067-5074	16.4	230
292	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> , <b>1998</b> , 4, 19-27	4.8	226
291	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> , <b>2015</b> , 137, 15276-86	16.4	216
290	A facile approach toward multicomponent supramolecular structures: selective self-assembly via charge separation. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 16873-82	16.4	212
289	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> , <b>2013</b> , 110, 15585-90	11.5	210
288	Hierarchical self-assembly: well-defined supramolecular nanostructures and metallohydrogels via amphiphilic discrete organoplatinum(II) metallacycles. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 14036-9	16.4	202
287	Hierarchical Assemblies of Supramolecular Coordination Complexes. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 2047-2063	24.3	188
286	Alkynyl- and Alkenyl(phenyl)iodonium Compounds. <i>New Synthetic Methods (86). Angewandte Chemie International Edition in English</i> , <b>1992</b> , 31, 274-285		183
285	Fluorescent Metallacage-Core Supramolecular Polymer Gel Formed by Orthogonal Metal Coordination and Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7674-7680	16.4	182
284	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> , <b>1999</b> , 121, 2741-2752	16.4	181
283	Polyvalent iodine in organic chemistry. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 2997-3008	4.2	180
282	Biomedically Relevant Self-Assembled Metallacycles and Metallacages. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14005-14020	16.4	179
281	Light-Emitting Superstructures with Anion Effect: Coordination-Driven Self-Assembly of Pure Tetraphenylethylene Metallacycles and Metallacages. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 4580-8	16.4	178
280	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 15940-15949	16.4	172
279	Design, synthesis, and crystallographic studies of neutral platinum-based macrocycles formed via self-assembly. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 2464-73	16.4	157
278	A new family of multiferrocene complexes with enhanced control of structure and stoichiometry via coordination-driven self-assembly and their electrochemistry. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 839-41	16.4	155
277	Formation of [3]catenanes from 10 precursors via multicomponent coordination-driven self-assembly of metallarectangles. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 2084-7	16.4	150
276	Coordination-driven self-assembly of predesigned supramolecular triangles. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 5193-8	16.4	150

275	Theoretical Insights into Hydrogen Bonding and Its Influence on the Structural and Spectral Properties of Aquo Palladium(II) Complexes: cis-[(dppp)Pd(H <sub>2</sub> O) <sub>2</sub> ](2+), cis-[(dppp)Pd(H <sub>2</sub> O)(OSO <sub>2</sub> CF <sub>3</sub> )](+)(OSO <sub>2</sub> CF <sub>3</sub> )(-), and cis-[(dppp)Pd(H <sub>2</sub> O) <sub>2</sub> ](2+)(OSO <sub>2</sub> CF <sub>3</sub> )(-)2. <i>Journal of Chemical Theory and Computation</i> , <b>2009</b> , 5, 1955-8	6.4	139
274	Metallosupramolecular tetragonal prisms via multicomponent coordination-driven template-free self-assembly. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 6282-3	16.4	138
273	Design and Study of Synthetic Chiral Nanoscopic Assemblies. Preparation and Characterization of Optically Active Hybrid, Iodonium <sup>+</sup> Transition-Metal and All-Transition-Metal Macrocyclic Molecular Squares. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 8221-8230	16.4	135
272	Synthesis and Characterization of Organoplatinum Dendrimers with 1,3,5-Triethynylbenzene Building Blocks. <i>Organometallics</i> , <b>1998</b> , 17, 3981-3987	3.8	134
271	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> , <b>2017</b> , 114, 3044-3049	11.5	133
270	Molecular Architecture via Coordination: Self-Assembly of Nanoscale Platinum Containing Molecular Hexagons. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 4777-4778	16.4	132
269	Molecular Architecture via Coordination: Self-Assembly, Characterization, and Host-Guest Chemistry of Mixed, Neutral-Charged, Pt <sup>II</sup> and Pt <sup>IV</sup> 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> , <b>1997</b> , 119, 2524-2533	16.4	132
268	Tetraphenylethene-based highly emissive metallacage as a component of the supramolecular nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13720-13725	11.5	127
267	Dendronized organoplatinum(II) metallacyclic polymers constructed by hierarchical coordination-driven self-assembly and hydrogen-bonding interfaces. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 16813-6	16.4	127
266	Recent developments in the construction and applications of platinum-based metallacycles and metallacages via coordination. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 3889-3919	58.5	124
265	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> , <b>1996</b> , 15, 904-908	3.8	123
264	Self-assembly of triangular and hexagonal molecular necklaces. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 5908-11	16.4	121
263	Hexanuclear self-assembled arene-ruthenium nano-prismatic cages: potential anticancer agents. <i>Chemical Communications</i> , <b>2011</b> , 47, 5184-6	5.8	120
262	Directed Self-Assembly of Chiral, Optically Active Macrocyclic Tetranuclear Molecular Squares. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 732-736		119
261	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , <b>2018</b> , 9, 4335	17.4	118
260	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> , <b>2016</b> , 138, 806-9	16.4	115
259	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> , <b>2019</b> , 116, 1968-1973	11.5	111
258	Photoinduced transformations of stiff-stilbene-based discrete metallacycles to metallosupramolecular polymers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 8717-22	11.5	110

257	Designed post-self-assembly structural and functional modifications of a truncated tetrahedron. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 17045-55	16.4	105
256	Coordination-driven self-assembly of cavity-cored multiple crown ether derivatives and poly[2]pseudorotaxanes. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 5320-34	16.4	103
255	Single- and Double-Stranded Chains Assembled via Concomitant Metal Coordination and Hydrogen Bonding. <i>Organometallics</i> , <b>2001</b> , 20, 1956-1959	3.8	103
254	Preparation and Solid-State Properties of Self-Assembled Dinuclear Platinum(II) and Palladium(II) Rhomboids from Carbon and Silicon Tectons. <i>Organometallics</i> , <b>1999</b> , 18, 4817-4824	3.8	103
253	Melanin-dot-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> , <b>2019</b> , 116, 16729-16735	11.5	102
252	Molecular architecture via coordination: self-assembly of nanoscale hexagonal metallodendrimers with designed building blocks. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 10014-5	16.4	102
251	Construction of multifunctional cuboctahedra via coordination-driven self-assembly. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6695-7	16.4	101
250	Formation of Halogen Bond-Based 2D Supramolecular Assemblies by Electric Manipulation. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 6128-31	16.4	100
249	Soft Materials with Diverse Suprastructures via the Self-Assembly of Metal-Organic Complexes. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 802-817	24.3	99
248	Heterometallic Ru-Pt metallacycle for two-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5664-5669	11.5	99
247	Self-Assembly, Chiroptical Properties, and Host-Guest Chemistry of Chiral Pt <sub>2</sub> Pt and Pt <sub>2</sub> Pd Tetranuclear Macrocycles. Circular Dichroism Studies on Neutral Guest Inclusion Phenomena. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 9827-9837	16.4	98
246	Self-assembly of flexible supramolecular metallacyclic ensembles: structures and adsorption properties of their nanoporous crystalline frameworks. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 10645-56	16.4	97
245	Dynamic equilibrium of a supramolecular dimeric rhomboid and trimeric hexagon and determination of its thermodynamic constants. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 12309-17	16.4	95
244	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> , <b>2016</b> , 113, 11100-11105	11.5	95
243	Coordination-driven face-directed self-assembly of trigonal prisms. Face-based conformational chirality. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7620-8	16.4	94
242	Nanoscale Tectonics: Self-Assembly, Characterization, and Chemistry of a Novel Class of Organoplatinum Square Macrocycles. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 11611-11619	16.4	92
241	A discrete amphiphilic organoplatinum(II) metallacycle with tunable lower critical solution temperature behavior. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 15497-500	16.4	88
240	Self-Assembled Fluorescent Pt(II) Metallacycles as Artificial Light-Harvesting Systems. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14565-14569	16.4	87

- 239 Preparation and solvolysis of vinyl trifluoromethanesulfonates. I. Evidence for simple alkylvinyl cation intermediates. *Journal of the American Chemical Society*, **1969**, 91, 4600-4601 16.4 85
- 238 In vivo anticancer activity of rhomboidal Pt(II) metallacycles. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 18448-53 11.5 83
- 237 X-ray diffraction and DOSY NMR characterization of self-assembled supramolecular metallocyclic species in solution. *Journal of the American Chemical Society*, **2005**, 127, 10731-8 16.4 83
- 236 Size selective self-sorting in coordination-driven self-assembly of finite ensembles. *Inorganic Chemistry*, **2008**, 47, 4706-11 5.1 82
- 235 Facile self-assembly of predesigned neutral 2D pt-macrocycles via a new class of rigid oxygen donor linkers. *Journal of the American Chemical Society*, **2003**, 125, 13950-1 16.4 80
- 234 Mesoscopic self-organization of a self-assembled supramolecular rectangle on highly oriented pyrolytic graphite and Au(111) surfaces. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 971-4 11.5 80
- 233 Vinyl triflate chemistry: unsaturated cations and carbenes. *Accounts of Chemical Research*, **1978**, 11, 107-114 11.4 80
- 232 Coordination-Driven Self-Assembled Metallacycles Incorporating Pyrene: Fluorescence Mutability, Tunability, and Aromatic Amine Sensing. *Journal of the American Chemical Society*, **2019**, 141, 1757-1765 16.4 80
- 231 Preparation, characterization, and X-ray crystal structures of helical and syndiotactic zinc-based coordination polymers. *Inorganic Chemistry*, **2000**, 39, 2547-57 5.1 79
- 230 Self-Assembly of Chiral Metallacycles and Metallacages from a Directionally Adaptable BINOL-Derived Donor. *Journal of the American Chemical Society*, **2015**, 137, 11896-9 16.4 78
- 229 Hybrid, Iodonium-Transition Metal, Cationic Tetranuclear Macrocyclic Squares. *Journal of the American Chemical Society*, **1995**, 117, 1667-1668 16.4 76
- 228 Hierarchical Self-Assembly of Responsive Organoplatinum(II) Metallacycle-TMV Complexes with Turn-On Fluorescence. *Journal of the American Chemical Society*, **2016**, 138, 12033-6 16.4 75
- 227 Single-step preparation of rigid-rod, cationic, bimetallic, .sigma.-diyne complexes: L5M+C.tplbond.C(C6H4)C.tplbond.CM+L5.cntdot.2TfO- (M = iridium, rhodium). *Journal of the American Chemical Society*, **1992**, 114, 4411-4412 16.4 74
- 226 Self-assembled arene-ruthenium-based rectangles for the selective sensing of multi-carboxylate anions. *Chemistry - A European Journal*, **2011**, 17, 7837-44 4.8 73
- 225 Endo- and Exo-Functionalized Tetraphenylethylene ML Nanospheres: Fluorescence Emission inside a Confined Space. *Journal of the American Chemical Society*, **2019**, 141, 9673-9679 16.4 72
- 224 Alanine-Based Chiral Metallogels via Supramolecular Coordination Complex Platforms: Metallogelation Induced Chirality Transfer. *Journal of the American Chemical Society*, **2018**, 140, 3257-3263 16.4 72
- 223 Host-guest complexation-mediated codelivery of anticancer drug and photosensitizer for cancer photochemotherapy. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 6618-6623 11.5 71
- 222 Preparation, via Double Oxidative Addition, and Characterization of Bimetallic Platinum and Palladium Complexes: Unique Building Blocks for Supramolecular Macrocycles. <sup>13</sup>C NMR Analysis of the Nature of the Palladium-Carbon Bond *Organometallics*, **1997**, 16, 1897-1905 3.8 71

221	Coordination-driven assembly of molecular rectangles via an organometallic "clip". <i>Organic Letters</i> , <b>2000</b> , 2, 3727-9	6.2	69
220	Temperature-Responsive Fluorescent Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7723-7729	16.4	69
219	A new method for the synthesis of cyclopentenones via the tandem Michael addition-carbene insertion reaction of .beta.-ketoethynyl(phenyl)iodonium salts. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 93-98	16.4	66
218	Stereoselective formation of conjugated enynes via coupling of alkynyliodonium tosylates and vinylcopper reagents. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 7561-7563	16.4	66
217	Immobilizing Tetraphenylethylene into Fused Metallacycles: Shape Effects on Fluorescence Emission. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 13131-13134	16.4	66
216	A self-assembled Ru-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> , <b>2019</b> , 116, 20296-20302	11.5	65
215	Tunable visible light emission of self-assembled rhomboidal metallacycles. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 13676-9	16.4	63
214	Photophysical and computational investigations of bis(phosphine) organoplatinum(II) metallacycles. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 10607-20	16.4	63
213	Photophysical properties of self-assembled multinuclear platinum metallacycles with different conformational geometries. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 6694-702	16.4	61
212	From solvolysis to self-assembly. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 2-20	4.2	60
211	Stoichiometric control of multiple different tectons in coordination-driven self-assembly: preparation of fused metallacyclic polygons. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 12028-9	16.4	58
210	Alkynyl sulfonate esters. Preparation and characterization of acetylenic tosylates, RC.tplbond.COTs. <i>Journal of the American Chemical Society</i> , <b>1985</b> , 107, 1452-1453	16.4	58
209	A general approach to aryl(cyano)iodonium triflates - versatile iodonium transfer reagents. <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 6853-6856	2	57
208	Orthogonal self-assembly of an organoplatinum(II) metallacycle and cucurbit[8]uril that delivers curcumin to cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 8087-8092	11.5	56
207	Formation of a Supramolecular Polymeric Adhesive via Water-Participant Hydrogen Bond Formation. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 8058-8063	16.4	55
206	Self-recognition in the coordination-driven self-assembly of three-dimensional M3L2 polyhedra. <i>Organic Letters</i> , <b>2007</b> , 9, 1561-4	6.2	54
205	Preparation, molecular structure, and Diels-Alder cycloaddition chemistry of .beta.-functionalized alkynyl(phenyl)iodonium salts. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 2590-2597	16.4	54
204	Behavior of bent vinyl cations generated by solvolysis of cyclic trifluoromethanesulfonates. <i>Journal of the American Chemical Society</i> , <b>1971</b> , 93, 1513-1516	16.4	54

- 203 On attempts at solvolytic generation of aryl cations. *Journal of Organic Chemistry*, **1976**, 41, 4099-4103 4.2 53
- 202 Designed Conformation and Fluorescence Properties of Self-Assembled Phenazine-Cored Platinum(II) Metallacycles. *Journal of the American Chemical Society*, **2019**, 141, 5535-5543 16.4 51
- 201 Membrane intercalation-enhanced photodynamic inactivation of bacteria by a metallacycle and TAT-decorated virus coat protein. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 23437-23443 11.5 51
- 200 Self-Assembly of Metallacages into Multidimensional Suprastructures with Tunable Emissions. *Journal of the American Chemical Society*, **2018**, 140, 12819-12828 16.4 51
- 199 Synthesis of Heterocycles and Carbocycles by Electrophilic Cyclization of Alkynes **2005**, 51-99 50
- 198 Palladium-catalyzed arylation of enynes and electron-deficient alkynes using diaryliodonium salts. *Organic Letters*, **2001**, 3, 859-60 6.2 50
- 197 Ethynyl(phenyl)iodonium Triflate, [HC≡CIPh][OSO<sub>2</sub>CF<sub>3</sub>]: Preparation, Spectral Properties, Mechanism of Formation and X-Ray Molecular Structure. *Angewandte Chemie International Edition in English*, **1990**, 29, 287-288 50
- 196 Rational design of chiral nanoscale adamantanoids. *Organic Letters*, **2000**, 2, 1255-7 6.2 49
- 195 Fast Atom Bombardment Mass Spectrometry for Characterizing Cationic Chelated Species. *Angewandte Chemie International Edition in English*, **1996**, 35, 2524-2529 49
- 194 Fe-Pt Twisted Heterometallic Bicyclic Supramolecules via Multicomponent Self-Assembly. *Journal of the American Chemical Society*, **2017**, 139, 2553-2556 16.4 47
- 193 Photophysical Properties of a Post-Self-Assembly Host/Guest Coordination Cage: Visible Light Driven Core-to-Cage Charge Transfer. *Journal of Physical Chemistry Letters*, **2015**, 6, 1942-7 6.4 47
- 192 Synthesis and photophysical studies of self-assembled multicomponent supramolecular coordination prisms bearing porphyrin faces. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 9390-5 11.5 47
- 191 Spontaneous Formation of a Cross-Linked Supramolecular Polymer Both in the Solid State and in Solution, Driven by Platinum(II) Metallacycle-Based Host-Guest Interactions. *Journal of the American Chemical Society*, **2019**, 141, 6494-6498 16.4 46
- 190 Coordination-driven self-assembly of 2D-metallamacrocycles using a new carbazole-based dipyriddy donor: synthesis, characterization, and C<sub>60</sub> binding study. *Inorganic Chemistry*, **2012**, 51, 4817-23 5.1 46
- 189 Molecular architecture via coordination: self-assembly of pseudo-hexagonal A<sub>2</sub>(3)X<sub>2</sub>(3)-macrocycles. *Organic Letters*, **1999**, 1, 1921-3 6.2 46
- 188 Electrophilic additions of iodosylbenzene activated by trifluoromethanesulfonic acid, [PhIO-TfOH], to alkynes. *Tetrahedron*, **1992**, 48, 7149-7156 2.4 46
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