

Irma ChacÃ³n

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Light-Emitting Self-Assembled Materials Based on d^{8} and d^{10} Transition Metal Complexes. <i>Chemical Reviews</i> , 2015, 115, 7589-7728.	23.0	1,281
2	Luminescent polynuclear d^{10} metal complexes. <i>Chemical Society Reviews</i> , 1999, 28, 323-334.	18.7	1,140
3	Solvent-Induced Aggregation through Metal-Metal Interactions: A Large Solvatochromism of Luminescent Organoplatinum(II) Terpyridyl Complexes. <i>Journal of the American Chemical Society</i> , 2002, 124, 6506-6507.	6.6	571
4	Recent advances in metallogels. <i>Chemical Society Reviews</i> , 2013, 42, 1540.	18.7	555
5	Self-Assembly of Luminescent Alkynylplatinum(II) Terpyridyl Complexes: Modulation of Photophysical Properties through Aggregation Behavior. <i>Accounts of Chemical Research</i> , 2011, 44, 424-434.	7.6	512
6	Molecular Design of Transition Metal Alkynyl Complexes as Building Blocks for Luminescent Metal-Based Materials: Structural and Photophysical Aspects. <i>Accounts of Chemical Research</i> , 2002, 35, 555-563.	7.6	497
7	Highlights on the recent advances in gold chemistry—a photophysical perspective. <i>Chemical Society Reviews</i> , 2008, 37, 1806.	18.7	487
8	Luminescent metal complexes of d^6 , d^8 and d^{10} transition metal centres. <i>Chemical Communications</i> , 2011, 47, 11579.	2.2	477
9	Controlled Synthesis of Monodisperse Silver Nanocubes in Water. <i>Journal of the American Chemical Society</i> , 2004, 126, 13200-13201.	6.6	388
10	Synthesis, Luminescence, Electrochemistry, and Ion-Binding Studies of Platinum(II) Terpyridyl Acetylide Complexes. <i>Organometallics</i> , 2001, 20, 4476-4482.	1.1	374
11	Photochromic and Luminescence Switching Properties of a Versatile Diarylethene-Containing 1,10-Phenanthroline Ligand and Its Rhenium(I) Complex. <i>Journal of the American Chemical Society</i> , 2004, 126, 12734-12735.	6.6	330
12	Luminescence platinum(II) terpyridyl complexes—From fundamental studies to sensory functions. <i>Coordination Chemistry Reviews</i> , 2007, 251, 2477-2488.	9.5	320
13	Luminescent polynuclear metal acetylides. <i>Journal of Organometallic Chemistry</i> , 1999, 578, 3-30.	0.8	289
14	Luminescent gold(I) complexes for chemosensing. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2111-2123.	9.5	271
15	Design of luminescent polynuclear copper(I) and silver(I) complexes with chalcogenides and acetylides as the bridging ligands. <i>Coordination Chemistry Reviews</i> , 1998, 171, 17-41.	9.5	267
16	Recent advances in utilization of transition metal complexes and lanthanides as diagnostic tools. <i>Coordination Chemistry Reviews</i> , 1999, 184, 157-240.	9.5	252
17	Unusual Luminescence Enhancement of Metallogels of Alkynylplatinum(II) 2,6-Bis(<i>N</i> -alkylbenzimidazol-2-yl)pyridine Complexes upon a Gel-to-Sol Phase Transition at Elevated Temperatures. <i>Journal of the American Chemical Society</i> , 2009, 131, 6253-6260.	6.6	240
18	Supramolecular Self-Assembly of Amphiphilic Anionic Platinum(II) Complexes: A Correlation between Spectroscopic and Morphological Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 12136-12143.	6.6	228

#	ARTICLE	IF	CITATIONS
19	Functionalized Platinum(II) Terpyridyl Alkynyl Complexes as Colorimetric and Luminescence pH Sensors. <i>Inorganic Chemistry</i> , 2005, 44, 1492-1498.	1.9	218
20	Luminescent cation sensors: from host-guest chemistry, supramolecular chemistry to reaction-based mechanisms. <i>Chemical Society Reviews</i> , 2015, 44, 4192-4202.	18.7	208
21	Luminescent metallogels of platinum(ii) terpyridyl complexes: interplay of metal-metal and hydrophobic-hydrophobic interactions on gel formation. <i>Chemical Communications</i> , 2007, , 2028-2030.	2.2	205
22	Metal Coordination-Assisted Near-Infrared Photochromic Behavior: A Large Perturbation on Absorption Wavelength Properties of N,N-Donor Ligands Containing Diarylethene Derivatives by Coordination to the Rhenium(I) Metal Center. <i>Journal of the American Chemical Society</i> , 2007, 129, 6058-6059.	6.6	205
23	Luminescent Platinum(II) Terpyridyl Complexes: Effect of Counter Ions on Solvent-Induced Aggregation and Color Changes. <i>Chemistry - A European Journal</i> , 2005, 11, 4535-4543.	1.7	200
24	Photochromic Diarylethene-Containing Ionic Liquids and N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 912-913.	6.6	197
25	Coordination Compounds with Photochromic Ligands: Ready Tunability and Visible Light-Sensitized Photochromism. <i>Accounts of Chemical Research</i> , 2018, 51, 149-159.	7.6	197
26	Polymer-Induced Self-Assembly of Alkynylplatinum(II) Terpyridyl Complexes by Metal-Metal Interactions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 791-794.	7.2	195
27	High-Efficiency Green Organic Light-Emitting Devices Utilizing Phosphorescent Bis-cyclometalated Alkynylgold(III) Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 14273-14278.	6.6	195
28	A Class of Luminescent Cyclometalated Alkynylgold(III) Complexes: Synthesis, Characterization, and Electrochemical, Photophysical, and Computational Studies of $[\text{Au}(\text{C}^{\wedge}\text{N}^{\wedge}\text{C})(\text{C}^{\wedge}\text{C}^{\wedge}\text{R})]$ ($\text{C}^{\wedge}\text{N}^{\wedge}\text{C} = \text{ip}^3\text{C}, \text{N}, \text{C}$) $\text{Tj} \text{E} \text{T} \text{Q} \text{0} \text{0} \text{0} \text{8} \text{g} \text{BT} / \text{Ove}$	6.6	195
29	A Versatile Photochromic Dithienylethene-Containing I^2 -Diketonate Ligand: Near-Infrared Photochromic Behavior and Photoswitchable Luminescence Properties upon Incorporation of a Boron(III) Center. <i>Journal of the American Chemical Society</i> , 2010, 132, 13992-13993.	6.6	182
30	Transition metal complexes with photochromic ligands photosensitization and photoswitchable properties. <i>Journal of Materials Chemistry</i> , 2010, 20, 2063-2070.	6.7	177
31	Photochemistry and Photophysics of Coordination Compounds: Gold. , 2007, , 269-309.		174
32	Impact of marine fish farming on water quality and bottom sediment: A case study in the sub-tropical environment. <i>Marine Environmental Research</i> , 1994, 38, 115-145.	1.1	171
33	Diarylethene-Containing Cyclometalated Platinum(II) Complexes: Tunable Photochromism via Metal Coordination and Rational Ligand Design. <i>Journal of the American Chemical Society</i> , 2011, 133, 12690-12705.	6.6	171
34	Single-stranded nucleic acid-induced helical self-assembly of alkynylplatinum(II) terpyridyl complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19652-19657.	3.3	169
35	Luminescent Gold(III) Alkynyl Complexes: Synthesis, Structural Characterization, and Luminescence Properties. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3107-3110.	7.2	165
36	Triplet MLCT Photosensitization of the Ring-Closing Reaction of Diarylethenes by Design and Synthesis of a Photochromic Rhenium(I) Complex of a Diarylethene-Containing 1,10-Phenanthroline Ligand. <i>Chemistry - A European Journal</i> , 2006, 12, 5840-5848.	1.7	164

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37	Proof of Potassium Ions by Luminescence Signaling Based on Weak Gold-Gold Interactions in Dinuclear Gold(I) Complexes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2857-2859.	7.2	163
38	Syntheses, Electronic Absorption, Emission, and Ion-Binding Studies of Platinum(II) C ^N C and Terpyridyl Complexes Containing Crown Ether Pendants. <i>Chemistry - A European Journal</i> , 2002, 8, 4066-4076.	1.7	156
39	Luminescent Platinum(II) Terpyridyl-Capped Carbon-Rich Molecular Rods: An Extension from Molecular- to Nanometer-Scale Dimensions. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1400-1403.	7.2	156
40	Luminescent Dinuclear Platinum(II) Terpyridine Complexes with a Flexible Bridge and "Sticky Ends". <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6169-6173.	7.2	156
41	A novel class of phosphorescent gold(III) alkynyl-based organic light-emitting devices with tunable colour. <i>Chemical Communications</i> , 2005, , 2906.	2.2	155
42	Molecular design of luminescent dinuclear gold(I) thiolate complexes: from fundamentals to chemosensing. <i>Coordination Chemistry Reviews</i> , 2001, 216-217, 173-194.	9.5	151
43	Synthesis, Photophysical Properties, and Biomolecular Labeling Studies of Luminescent Platinum(II)-Terpyridyl Alkynyl Complexes. <i>Organometallics</i> , 2004, 23, 3459-3465.	1.1	148
44	Induced Self-Assembly and Förster Resonance Energy Transfer Studies of Alkynylplatinum(II) Terpyridine Complex Through Interaction With Water-Soluble Poly(phenylene ethynylene sulfonate) and the Proof-of-Principle Demonstration of this Two-Component Ensemble for Selective Label-Free Detection of Human Serum Albumin. <i>Journal of the American Chemical Society</i> , 2011, 133, 18775-18784.	6.6	143
45	Spectroscopic properties and redox chemistry of the phosphorescent excited state of [Au ₂ (dppm) ₂] ²⁺ [dppm = bis(diphenylphosphino)methane]. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 885.	2.0	142
46	Dendritic Luminescent Gold(III) Complexes for Highly Efficient Solution-Processable Organic Light-Emitting Devices. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 446-449.	7.2	142
47	Hydrothermal-Induced Assembly of Colloidal Silver Spheres into Various Nanoparticles on the Basis of HTAB-Modified Silver Mirror Reaction. <i>Journal of Physical Chemistry B</i> , 2005, 109, 5497-5503.	1.2	139
48	A Highly Soluble Luminescent Decanuclear Gold(I) Complex with a Propeller-Shaped Structure. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1683-1685.	7.2	137
49	Luminescent Cyclometalated <i>N</i> -Heterocyclic Carbene-Containing Organogold(III) Complexes: Synthesis, Characterization, Electrochemistry, and Photophysical Studies. <i>Journal of the American Chemical Society</i> , 2009, 131, 9076-9085.	6.6	137
50	Synthesis, photophysical, photochemical and electrochemical properties of rhenium(I) diimine complexes with photoisomerizable pyridyl-azo, -ethenyl or -ethyl ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1461-1468.	1.1	136
51	Synthesis, photophysics and binding studies of Pt(II) alkynyl terpyridine complexes with crown ether pendant. Potential luminescent sensors for metal ions. <i>Journal of Materials Chemistry</i> , 2005, 15, 2714.	6.7	136
52	Synthesis and Characterization of Luminescent Rhenium(I) Tricarbonyl Diimine Complexes with a Triarylboron Moiety and the Study of Their Fluoride Ion-Binding Properties. <i>Inorganic Chemistry</i> , 2009, 48, 9664-9670.	1.9	136
53	Synthesis, structural characterization and photophysical properties of ethyne-gold(I) complexes. <i>Journal of Organometallic Chemistry</i> , 1994, 484, 209-224.	0.8	133
54	A Novel High-Nuclearity Luminescent Gold(I)-Sulfido Complex. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 197-199.	7.2	131

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55	Luminescent Rhenium(I) Carbon Wires: Synthesis, Photophysics, and Electrochemistry. X-ray Crystal Structure of $[\text{Re}(\text{tBu}_2\text{bpy})(\text{CO})_3(\text{C}_6\text{H}_4\text{C})\text{Re}(\text{tBu}_2\text{bpy})(\text{CO})_3]$. <i>Organometallics</i> , 1996, 15, 1740-1744.	1.1	130
56	A Chiral Luminescent Au ₁₆ Ring Self-Assembled from Achiral Components. <i>Journal of the American Chemical Society</i> , 2005, 127, 17994-17995.	6.6	130
57	Supramolecular Assembly of Luminescent Gold(I) Alkynylcalix[4]crown-6 Complexes with Planar λ -2,1 λ -2-Coordinated Gold(I) Centers. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4954-4957.	7.2	129
58	Smart Self-Assemblies Based on a Surfactant-Encapsulated Photoresponsive Polyoxometalate Complex. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9233-9236.	7.2	129
59	Synthesis, spectroscopy, and electrochemistry of trinuclear copper(I) acetylides. X-ray crystal structure of $[\text{Cu}_3(\mu_3\text{-Ph}_2\text{PCH}_2\text{PPh}_2)_3(\mu_3\text{-eta}^1\text{-C.tpbond.CBu-tert})(\mu_3\text{-Cl})]\text{PF}_6$. <i>Organometallics</i> , 1993, 12, 2383-2387.	1.1	128
60	Single-Turn Helical Coil Strands Stabilized by Metal-Metal and π - π Interactions of the Alkynylplatinum(II) Terpyridyl Moieties in <i>meta</i> -Phenylene Ethynylene Foldamers. <i>Journal of the American Chemical Society</i> , 2012, 134, 1047-1056.	6.6	127
61	Spectroscopy and redox properties of the luminescent excited state of $[\text{Au}_2(\text{dppm})_2]^{2+}$ ($\text{dppm} = \text{Tj ETQq1}$). <i>Overlooked</i> 1.1 0.784314 126	1.1	126
62	Luminescent carbon-rich rhenium(i) complexes. <i>Chemical Communications</i> , 2001, , 789-796.	2.2	126
63	Luminescent Phosphine Gold(I) Thiolates: Correlation between Crystal Structure and Photoluminescent Properties in $[\text{R}_3\text{PAu}\{\text{SC}(\text{OMe})\text{NC}_6\text{H}_4\text{NO}_2\text{-4}\}]$ (R = Et, Cy, Ph) and $[(\text{Ph}_2\text{P-R-PPh}_2)\{\text{AuSC}(\text{OMe})\text{NC}_6\text{H}_4\text{NO}_2\text{-4}\}_2]$ (R = CH ₂ , (CH ₂) ₂ , (CH ₂) ₃ , (CH ₂) ₄ , Fc). <i>Inorganic Chemistry</i> , 2006, 45, 8165-8174.	1.9	125
64	Synthesis and Design of Novel Tetranuclear and Dinuclear Gold(I) Phosphine Acetylide Complexes. First X-ray Crystal Structures of a Tetranuclear ($[\text{Au}_4(\text{tppb})(\text{C}_6\text{H}_4\text{C})_4]$) and a Related Dinuclear ($[\text{Au}_2(\text{dppb})(\text{C}_6\text{H}_4\text{C})_2]$) Complex. <i>Organometallics</i> , 1996, 15, 1734-1739.	1.1	124
65	A luminescent cyclometalated platinum(II) complex and its green organic light emitting device with high device performance. <i>Chemical Communications</i> , 2011, 47, 3383.	2.2	124
66	Electroswitchable Photoluminescence Activity: Synthesis, Spectroscopy, Electrochemistry, Photophysics, and X-ray Crystal and Electronic Structures of $[\text{Re}(\text{bpy})(\text{CO})_3(\text{C}_6\text{H}_4\text{C})\text{Fe}(\text{C}_5\text{Me}_5)(\text{dppe})]\text{PF}_6$ ($n=0, 1$). <i>Inorganic Chemistry</i> , 2003, 42, 7086-7097.	1.9	121
67	Charge-transfer processes in metal complexes enable luminescence and memory functions. <i>Nature Reviews Chemistry</i> , 2020, 4, 528-541.	13.8	121
68	Novel luminescent polynuclear gold(I) phosphine complexes. Synthesis, spectroscopy, and X-ray crystal structure of $[\text{Au}_3(\text{dmmp})_2]^{3+}$ [$\text{dmmp} = \text{bis}(\text{dimethylphosphinomethyl})\text{methylphosphine}$]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 3747.	1.1	120
69	Luminescent Alkynylplatinum(II) Complexes of 2,6-Bis(<i>N</i> -alkylbenzimidazol-2-yl)pyridine-Type Ligands with Ready Tunability of the Nature of the Emissive States by Solvent and Electronic Property Modulation. <i>Chemistry - A European Journal</i> , 2008, 14, 4562-4576.	1.7	119
70	Multiaddressable molecular rectangles with reversible host-guest interactions: Modulation of pH-controlled guest release and capture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 690-695.	3.3	119
71	A novel monooxoruthenium(V) complex containing a polydentate pyridyl amine ligand. Syntheses, reactivities, and x-ray crystal structure of $[\text{Ru}(\text{N}_4\text{O})(\text{H}_2\text{O})](\text{ClO}_4)_2$. <i>Journal of the American Chemical Society</i> , 1990, 112, 2284-2291.	6.6	118
72	Synthesis, Structure, Photophysics, and Excited-State Redox Properties of the Novel Luminescent Tetranuclear Acetylidocopper(I) Complex $[\text{Cu}_4(\lambda\text{-dppm})_4(\lambda\text{-1,1,1,2-Ci}\frac{1}{2}\text{C-})](\text{BF}_4)_2$. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1100-1102.	4.4	118

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73	Strategies towards rational design of gold(III) complexes for high-performance organic light-emitting devices. <i>Nature Photonics</i> , 2019, 13, 185-191.	15.6	118
74	Photoinduced C–C bond formation from alkyl halides catalysed by luminescent dinuclear gold(I) and copper(I) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 3325-3329.	1.1	115
75	Phosphorescent molecular tweezers based on alkynylplatinum(II) terpyridine system: turning on of NIR emission via heterologous Pt–M interactions (M = PtII, PdII, AuIII and AuI). <i>Chemical Science</i> , 2012, 3, 1185.	3.7	113
76	A Solution-Processable Donor–Acceptor Compound Containing Boron(III) Centers for Small-Molecule-Based High-Performance Ternary Electronic Memory Devices. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10569-10573.	7.2	113
77	Molecular Design of Luminescence Ion Probes for Various Cations Based on Weak Gold(I)–Gold(I) Interactions in Dinuclear Gold(I) Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 7421-7430.	1.9	112
78	The First Series of Luminescent (1/4-4-Chalcogenido)silver(I) Clusters. <i>Inorganic Chemistry</i> , 1996, 35, 5116-5117.	1.9	111
79	Luminescent Cyclometalated Dialkynylgold(III) Complexes of 2-Phenylpyridine-Type Derivatives with Readily Tunable Emission Properties. <i>Chemistry - A European Journal</i> , 2011, 17, 130-142.	1.7	111
80	Supramolecular Assembly of Metal–Ligand Chromophores for Sensing and Phosphorescent OLED Applications. <i>Advanced Materials</i> , 2014, 26, 5558-5568.	11.1	110
81	Synthesis and Characterization of Luminescent Cyclometalated Platinum(II) Complexes with Tunable Emissive Colors and Studies of Their Application in Organic Memories and Organic Light-Emitting Devices. <i>Journal of the American Chemical Society</i> , 2017, 139, 10750-10761.	6.6	110
82	Gated Photochromism in Triarylborane-Containing Dithienylethenes: A New Approach to a “Lock–Unlock” System. <i>Journal of the American Chemical Society</i> , 2011, 133, 19622-19625.	6.6	109
83	Supramolecular Self-Assembly and Dual-Switch Vapochromic, Vapoluminescent, and Resistive Memory Behaviors of Amphiphilic Platinum(II) Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 13858-13866.	6.6	109
84	A Photochromic Platinum(II) Bis(alkynyl) Complex Containing a Versatile 5,6-Dithienyl-1,10-phenanthroline. <i>Organometallics</i> , 2007, 26, 12-15.	1.1	108
85	Synthesis and Photophysics of Luminescent Rhenium(I) Acetylides-Precursors for Organometallic Rigid-Rod Materials. X-ray Crystal Structures of [Re(tBu2bpy)(CO)3(tBuC.tplbond.C)] and [Re(tBu2bpy)(CO)3Cl]. <i>Organometallics</i> , 1995, 14, 2749-2753.	1.1	107
86	Highly selective ion probe for Al ³⁺ based on Au(I)–Au(I) interactions in a bis-alkynyl calix[4]arene Au(I) isocyanide scaffold. <i>Chemical Communications</i> , 2011, 47, 8778.	2.2	106
87	A Highly Efficient Silole-Containing Dithienylethene with Excellent Thermal Stability and Fatigue Resistance: A Promising Candidate for Optical Memory Storage Materials. <i>Journal of the American Chemical Society</i> , 2014, 136, 16994-16997.	6.6	105
88	A Phosphole Oxide-Containing Organogold(III) Complex for Solution-Processable Resistive Memory Devices with Ternary Memory Performances. <i>Journal of the American Chemical Society</i> , 2016, 138, 6368-6371.	6.6	105
89	Luminescent d8 metal complexes of platinum(II) and gold(III): From photophysics to photofunctional materials and probes. <i>Coordination Chemistry Reviews</i> , 2020, 414, 213298.	9.5	105
90	Computational Studies on the Excited States of Luminescent Platinum(II) Alkynyl Systems of Tridentate Pincer Ligands in Radiative and Nonradiative Processes. <i>Journal of the American Chemical Society</i> , 2013, 135, 15135-15143.	6.6	104

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91	An Unprecedented Luminescent Polynuclear Gold(I) μ_3 -Sulfido Cluster With a Thiocrown-like Architecture. <i>Journal of the American Chemical Society</i> , 2010, 132, 17646-17648.	6.6	103
92	Synthesis, photophysical properties and DNA binding studies of novel luminescent rhenium(I) complexes. X-Ray crystal structure of $[\text{Re}(\text{dppn})(\text{CO})_3(\text{py})](\text{OTf})$. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1191.	2.0	102
93	Selective Luminescence Chemosensing of Potassium Ions Based on a Novel Platinum(II) Alkynylcalix[4]crown-5 Complex. <i>Organometallics</i> , 2006, 25, 3537-3540.	1.1	102
94	From $\{\text{Au}^{\text{I}}\}_2$ -Coupled Cages to the Cage-Built 2-D $\{\text{Au}^{\text{I}}\}_4$ Arrays: $\{\text{Au}^{\text{I}}\}_2$ Bonding Interaction Driven Self-Assembly and Their Ag^{I} Sensing and Photo-Switchable Behavior. <i>Journal of the American Chemical Society</i> , 2014, 136, 10921-10929.	6.6	102
95	Synthesis, photophysics and photochemistry of alkynylgold(I) phosphine complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 4227.	1.1	100
96	Bipolar Gold(III) Complexes for Solution-Processable Organic Light-Emitting Devices with a Small Efficiency Roll-Off. <i>Journal of the American Chemical Society</i> , 2014, 136, 17861-17868.	6.6	100
97	Molecular Design of Luminescent Gold(III) Emitters as Thermally Evaporable and Solution-Processable Organic Light-Emitting Device (OLED) Materials. <i>Chemical Reviews</i> , 2021, 121, 7249-7279.	23.0	100
98	Tetranuclear Macrocyclic Gold(I) Alkynyl Phosphine Complex Containing Azobenzene Functionalities: A Dual-Input Molecular Logic with Photoswitching Behavior Controllable via Silver(I) Coordination/Decoordination. <i>Organometallics</i> , 2007, 26, 22-25.	1.1	99
99	Synthesis, photophysics and photochemistry of novel luminescent rhenium(I) photoswitchable materials. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 259.	2.0	98
100	Influence of Counteranion on the Chiral Supramolecular Assembly of Alkynylplatinum(II) Terpyridyl Metallogels That Are Stabilised by $\text{Pt} \cdots \text{Pt}$ and $\text{I} \cdots \text{I}$ Interactions. <i>Chemistry - A European Journal</i> , 2009, 15, 4775-4778.	1.5	98
101	Self-assembly of alkynylplatinum(II) terpyridine amphiphiles into nanostructures via steric control and metal-metal interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2845-2850.	3.3	98
102	Induced self-assembly and disassembly of water-soluble alkynylplatinum(ii) terpyridyl complexes with a switchable near-infrared (NIR) emission modulated by metal-metal interactions over physiological pH: demonstration of pH-responsive NIR luminescent probes in cell-imaging studies. <i>Chemical Science</i> , 2013, 4, 2453.	3.7	97
103	Synthesis and Structural Characterization of a Novel Luminescent Tetranuclear Mixed-Metal Platinum(II)-Copper(I) Complex. <i>Organometallics</i> , 2001, 20, 721-726.	1.1	96
104	Luminescence studies of dinuclear platinum(II) alkynyl complexes and their mixed-metal platinum(II)-copper(I) and silver(I) complexes. <i>Coordination Chemistry Reviews</i> , 2002, 229, 123-132.	9.5	96
105	Redox Luminescence Switch Based on Energy Transfer in $\text{CePO}_4:\text{Tb}^{3+}$ Nanowires. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3486-3489.	7.2	96
106	Multifunctional Ruthenium(II) Polypyridine Complex-Based Core-Shell Magnetic Silica Nanocomposites: Magnetism, Luminescence, and Electrochemiluminescence. <i>ACS Nano</i> , 2008, 2, 905-912.	7.3	95
107	Transformable Nanostructures of Platinum-Containing Organosilane Hybrids: Non-covalent Self-Assembly of Polyhedral Oligomeric Silsesquioxanes Assisted by $\text{Pt} \cdots \text{Pt}$ and $\text{I} \cdots \text{I}$ Stacking Interactions of Alkynylplatinum(II) Terpyridine Moieties. <i>Journal of the American Chemical Society</i> , 2014, 136, 17910-17913.	6.6	95
108	Synthesis, Structural Characterization, and Luminescence Properties of Branched Palladium(II) and Platinum(II) Acetylide Complexes. <i>Organometallics</i> , 2001, 20, 453-459.	1.1	94

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109	A Platinum(II) Terpyridine Metallogel with an α -Valine-Modified Alkynyl Ligand: Interplay of Pt...Pt, π - π and Hydrogen-Bonding Interactions. <i>Chemistry - A European Journal</i> , 2013, 19, 15735-15744.	1.7	92
110	Organic Memory Devices Based on a Bis-Cyclometalated Alkynylgold(III) Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 4654-4657.	6.6	92
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