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. Chemical Reviews, 2015, 115, 7589-7728. | 47.7 | 1,281 |
| 2 | Luminescent polynuclear d10 metal complexes. Chemical Society Reviews, 1999, 28, 323-334. | 38.1 | 1,140 |
| 3 | Solvent-Induced Aggregation through Metal··À·Metal/Ĩ€Â·Â·Â·Ï€ Interactions: Large Solvatochromism of Luminescent Organoplatinum(II) Terpyridyl Complexes. Journal of the American Chemical Society, 2002, 124, 6506-6507. | 13.7 | 571 |
| 4 | Recent advances in metallogels. Chemical Society Reviews, 2013, 42, 1540. | 38.1 | 555 |
| 5 | Self-Assembly of Luminescent Alkynylplatinum(II) Terpyridyl Complexes: Modulation of Photophysical Properties through Aggregation Behavior. Accounts of Chemical Research, 2011, 44, 424-434. | 15.6 | 512 |
| 6 | Molecular Design of Transition Metal Alkynyl Complexes as Building Blocks for Luminescent Metal-Based Materials: Structural and Photophysical Aspects. Accounts of Chemical Research, 2002, 35, 555-563. | 15.6 | 497 |
| 7 | Highlights on the recent advances in gold chemistry—a photophysical perspective. Chemical Society Reviews, 2008, 37, 1806. | 38.1 | 487 |
| 8 | Luminescent metal complexes of d6, d8 and d10 transition metal centres. Chemical Communications, 2011, 47, 11579. | 4.1 | 477 |
| 9 | Controlled Synthesis of Monodisperse Silver Nanocubes in Water. Journal of the American Chemical Society, 2004, 126, 13200-13201. | 13.7 | 388 |
| 10 | Synthesis, Luminescence, Electrochemistry, and Ion-Binding Studies of Platinum(II) Terpyridyl Acetylide Complexes. Organometallics, 2001, 20, 4476-4482. | 2.3 | 374 |
| 11 | Photochromic and Luminescence Switching Properties of a Versatile Diarylethene-Containing 1,10-Phenanthroline Ligand and Its Rhenium(I) Complex. Journal of the American Chemical Society, 2004, 126, 12734-12735. | 13.7 | 330 |
| 12 | Luminescence platinum(II) terpyridyl complexes—From fundamental studies to sensory functions. Coordination Chemistry Reviews, 2007, 251, 2477-2488. | 18.8 | 320 |
| 13 | Luminescent polynuclear metal acetylides. Journal of Organometallic Chemistry, 1999, 578, 3-30. | 1.8 | 289 |
| 14 | Luminescent gold(I) complexes for chemosensing. Coordination Chemistry Reviews, 2011, 255, 2111-2123. | 18.8 | 271 |
| 15 | Design of luminescent polynuclear copper(I) and silver(I) complexes with chalcogenides and acetylides as the bridging ligands. Coordination Chemistry Reviews, 1998, 171, 17-41. | 18.8 | 267 |
| 16 | Recent advances in utilization of transition metal complexes and lanthanides as diagnostic tools. Coordination Chemistry Reviews, 1999, 184, 157-240. | 18.8 | 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. Journal of the American Chemical Society, 2009, 131, 6253-6260. | 13.7 | 240 |
| 18 | Supramolecular Self-Assembly of Amphiphilic Anionic Platinum(II) Complexes: A Correlation between Spectroscopic and Morphological Properties. Journal of the American Chemical Society, 2011, 133, 12136-12143. | 13.7 | 228 |

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| # | Article | IF | CITATIONS |
|----|--|-------------------|----------------------|
| 19 | Functionalized Platinum(II) Terpyridyl Alkynyl Complexes as Colorimetric and Luminescence pH Sensors. Inorganic Chemistry, 2005, 44, 1492-1498. | 4.0 | 218 |
| 20 | Luminescent cation sensors: from host–guest chemistry, supramolecular chemistry to reaction-based mechanisms. Chemical Society Reviews, 2015, 44, 4192-4202. | 38.1 | 208 |
| 21 | Luminescent metallogels of platinum(ii) terpyridyl complexes: interplay of metal⋯metal, ï€â€"ï€ and hydrophobic–hydrophobic interactions on gel formation. Chemical Communications, 2007, , 2028-2030. | 4.1 | 205 |
| 22 | Metal Coordination-Assisted Near-Infrared Photochromic Behavior:Â A Large Perturbation on Absorption Wavelength Properties of N,N-Donor Ligands Containing Diarylethene Derivatives by Coordination to the Rhenium(I) Metal Center. Journal of the American Chemical Society, 2007, 129, 6058-6059. | 13.7 | 205 |
| 23 | Luminescent Platinum(II) Terpyridyl Complexes: Effect of Counter Ions on Solvent-Induced Aggregation and Color Changes. Chemistry - A European Journal, 2005, 11, 4535-4543. | 3.3 | 200 |
| 24 | Photochromic Diarylethene-Containing lonic Liquids and N-Heterocyclic Carbenes. Journal of the American Chemical Society, 2009, 131, 912-913. | 13.7 | 197 |
| 25 | Coordination Compounds with Photochromic Ligands: Ready Tunability and Visible Light-Sensitized Photochromism. Accounts of Chemical Research, 2018, 51, 149-159. | 15.6 | 197 |
| 26 | Polymer-Induced Self-Assembly of Alkynylplatinum(II) Terpyridyl Complexes by Metal???Metal/????? Interactions. Angewandte Chemie - International Edition, 2005, 44, 791-794. | 13.8 | 195 |
| 27 | High-Efficiency Green Organic Light-Emitting Devices Utilizing Phosphorescent Bis-cyclometalated Alkynylgold(III) Complexes. Journal of the American Chemical Society, 2010, 132, 14273-14278. | 13.7 | 195 |
| 28 | A Class of Luminescent Cyclometalated Alkynylgold(III) Complexes:Â Synthesis, Characterization, and Electrochemical, Photophysical, and Computational Studies of [Au(Câ^§Nâ^§C)(Câ‹®CR)] (Câ^§Nâ^§C = κ3C,N,C) | Tj £3.⊘ q0 | 0 @8g BT /Ove |
| 29 | A Versatile Photochromic Dithienylethene-Containing β-Diketonate Ligand: Near-Infrared Photochromic Behavior and Photoswitchable Luminescence Properties upon Incorporation of a Boron(III) Center. Journal of the American Chemical Society, 2010, 132, 13992-13993. | 13.7 | 182 |
| 30 | Transition metal complexes with photochromic ligands—photosensitization and photoswitchable properties. Journal of Materials Chemistry, 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. Marine Environmental Research, 1994, 38, 115-145. | 2.5 | 171 |
| 33 | Diarylethene-Containing Cyclometalated Platinum(II) Complexes: Tunable Photochromism via Metal Coordination and Rational Ligand Design. Journal of the American Chemical Society, 2011, 133, 12690-12705. | 13.7 | 171 |
| 34 | Single-stranded nucleic acid-induced helical self-assembly of alkynylplatinum(II) terpyridyl complexes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19652-19657. | 7.1 | 169 |
| 35 | Luminescent Gold(III) Alkynyl Complexes: Synthesis, Structural Characterization, and Luminescence Properties. Angewandte Chemie - International Edition, 2005, 44, 3107-3110. | 13.8 | 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. Chemistry - A European Journal, 2006, 12, 5840-5848. | 3.3 | 164 |

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|----|--|------|-----------|
| 37 | Proof of Potassium Ions by Luminescence Signaling Based on Weak Gold-Gold Interactions in Dinuclear Gold(I) Complexes. Angewandte Chemie - International Edition, 1998, 37, 2857-2859. | 13.8 | 163 |
| 38 | Syntheses, Electronic Absorption, Emission, and Ion-Binding Studies of Platinum(II) C^N^C and Terpyridyl Complexes Containing Crown Ether Pendants. Chemistry - A European Journal, 2002, 8, 4066-4076. | 3.3 | 156 |
| 39 | Luminescent Platinum(II) Terpyridyl-Capped Carbon-Rich Molecular Rods—An Extension from Molecular- to Nanometer-Scale Dimensions. Angewandte Chemie - International Edition, 2003, 42, 1400-1403. | 13.8 | 156 |
| 40 | Luminescent Dinuclear Platinum(II) Terpyridine Complexes with a Flexible Bridge and "Sticky Ends― Angewandte Chemie - International Edition, 2006, 45, 6169-6173. | 13.8 | 156 |
| 41 | A novel class of phosphorescent gold(iii) alkynyl-based organic light-emitting devices with tunable colour. Chemical Communications, 2005, , 2906. | 4.1 | 155 |
| 42 | Molecular design of luminescent dinuclear gold(I) thiolate complexes: from fundamentals to chemosensing. Coordination Chemistry Reviews, 2001, 216-217, 173-194. | 18.8 | 151 |
| 43 | Synthesis, Photophysical Properties, and Biomolecular Labeling Studies of Luminescent Platinum(II)-Terpyridyl Alkynyl Complexes. Organometallics, 2004, 23, 3459-3465. | 2.3 | 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. Journal of the American Chemical Society, 2011, 133, 18775-18784. | 13.7 | 143 |
| 45 | Spectroscopic properties and redox chemistry of the phosphorescent excited state of [Au2(dppm)2]2+[dppm = bis(diphenylphosphino)methane]. Journal of the Chemical Society Chemical Communications, 1989, , 885. | 2.0 | 142 |
| 46 | Dendritic Luminescent Gold(III) Complexes for Highly Efficient Solutionâ€Processable Organic Lightâ€Emitting Devices. Angewandte Chemie - International Edition, 2013, 52, 446-449. | 13.8 | 142 |
| 47 | Hydrothermal-Induced Assembly of Colloidal Silver Spheres into Various Nanoparticles on the Basis of HTAB-Modified Silver Mirror Reaction. Journal of Physical Chemistry B, 2005, 109, 5497-5503. | 2.6 | 139 |
| 48 | A Highly Soluble Luminescent Decanuclear Gold(I) Complex with a Propeller-Shaped Structure. Angewandte Chemie - International Edition, 2000, 39, 1683-1685. | 13.8 | 137 |
| 49 | Luminescent Cyclometalated <i>N</i> -Heterocyclic Carbene-Containing Organogold(III) Complexes: Synthesis, Characterization, Electrochemistry, and Photophysical Studies. Journal of the American Chemical Society, 2009, 131, 9076-9085. | 13.7 | 137 |
| 50 | Synthesis, photophysical, photochemical and electrochemical properties of rhenium(I) diimine complexes with photoisomerizable pyridyl-azo, -ethenyl or -ethyl ligands. Journal of the Chemical Society Dalton Transactions, 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. Journal of Materials Chemistry, 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. Inorganic Chemistry, 2009, 48, 9664-9670. | 4.0 | 136 |
| 53 | Synthesis, structural characterization and photophysical properties of ethyne-gold(I) complexes. Journal of Organometallic Chemistry, 1994, 484, 209-224. | 1.8 | 133 |
| 54 | A Novel High-Nuclearity Luminescent Gold(I)-Sulfido Complex. Angewandte Chemie - International Edition, 1999, 38, 197-199. | 13.8 | 131 |

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|----|---|------------------|--------------------------|
| 55 | Luminescent Rhenium(I) Carbon Wires:Â Synthesis, Photophysics, and Electrochemistry. X-ray Crystal Structure of [Re(tBu2bpy)(CO)3(Câ‹®CCâ‹®C)Re(tBu2bpy)(CO)3]. Organometallics, 1996, 15, 1740-1744. | 2.3 | 130 |
| 56 | A Chiral Luminescent Au16 Ring Self-Assembled from Achiral Components. Journal of the American Chemical Society, 2005, 127, 17994-17995. | 13.7 | 130 |
| 57 | Supramolecular Assembly of Luminescent Gold(I) Alkynylcalix[4]crown-6 Complexes with Planarη2,η2-Coordinated Gold(I) Centers. Angewandte Chemie - International Edition, 2004, 43, 4954-4957. | 13.8 | 129 |
| 58 | Smart Selfâ€Assemblies Based on a Surfactantâ€Encapsulated Photoresponsive Polyoxometalate Complex. Angewandte Chemie - International Edition, 2010, 49, 9233-9236. | 13.8 | 129 |
| 59 | Synthesis, spectroscopy, and electrochemistry of trinuclear copper(I) acetylides. X-ray crystal structure of [Cu3(.muPh2PCH2PPh2)3(.mu.3eta.1-C.tplbond.CBu-tert)(.mu.3-Cl)]PF6. Organometallics, 1993, 12, 2383-2387. | 2.3 | 128 |
| 60 | Single-Turn Helix–Coil Strands Stabilized by Metal··•Metal and π–π Interactions of the Alkynylplatinum(II) Terpyridyl Moieties in <i>meta</i> -Phenylene Ethynylene Foldamers. Journal of the American Chemical Society, 2012, 134, 1047-1056. | 13.7 | 127 |
| 61 | Spectroscopy and redox properties of the luminescent excited state of [Au2(dppm)2]2+(dppm =) Tj ETQq1 1 0.75 | 84314 rgi 1.1 | BT ₁ Overlock |
| 62 | Luminescent carbon-rich rhenium(i) complexes. Chemical Communications, 2001, , 789-796. | 4.1 | 126 |
| 63 | Luminescent Phosphine Gold(I) Thiolates:  Correlation between Crystal Structure and Photoluminescent Properties in [R3PAu{SC(OMe)NC6H4NO2-4}] (R = Et, Cy, Ph) and [(Ph2P-R-PPh2){AuSC(OMe)NC6H4NO2-4}2] (R = CH2, (CH2)2, (CH2)3, (CH2)4, Fc). Inorganic Chemistry, 2006 45 8165-8174 | 4.0 | 125 |
| 64 | Synthesis and Design of Novel Tetranuclear and Dinuclear Gold(I) Phosphine Acetylide Complexes. First X-ray Crystal Structures of a Tetranuclear ([Au4(tppb)(Câ‹®CPh)4]) and a Related Dinuclear ([Au2(dppb)(Câ‹®CPh)2]) Complex. Organometallics, 1996, 15, 1734-1739. | 2.3 | 124 |
| 65 | A luminescent cyclometalated platinum(ii) complex and its green organic light emitting device with high device performance. Chemical Communications, 2011, 47, 3383. | 4.1 | 124 |
| 66 | Electroswitchable Photoluminescence Activity:Â Synthesis, Spectroscopy, Electrochemistry, Photophysics, and X-ray Crystal and Electronic Structures of [Re(bpy)(CO)3(Câ‹®CC6H4Câ‹®C)Fe(C5Me5)(dppe)][PF6]n(n= 0, 1). Inorganic Chemistry, 2003, 42, 7086-7097 | 4.0 | 121 |
| 67 | Charge-transfer processes in metal complexes enable luminescence and memory functions. Nature Reviews Chemistry, 2020, 4, 528-541. | 30.2 | 121 |
| 68 | Novel luminescent polynuclear gold(I) phosphine complexes. Synthesis, spectroscopy, and X-ray crystal structure of [Au3(dmmp)2]3+[dmmp = bis(dimethylphosphinomethyl)methylphosphine]. Journal of the Chemical Society Dalton Transactions, 1990, , 3747. | 1.1 | 120 |
| 69 | Luminescent Alkynylplatinum(II) Complexes of 2,6â€Bis(<i>N</i> â€alkylbenzimidazolâ€2â€2â€vl)pyridineâ€Type with Ready Tunability of the Nature of the Emissive States by Solvent and Electronic Property Modulation. Chemistry - A European Journal, 2008, 14, 4562-4576. | Ligands 3.3 | 119 |
| 70 | Multiaddressable molecular rectangles with reversible host–guest interactions: Modulation of pH-controlled guest release and capture. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 690-695. | 7.1 | 119 |
| 71 | A novel monooxoruthenium(V) complex containing a polydentate pyridyl amine ligand. Syntheses, reactivities, and x-ray crystal structure of [RuIII(N4O)(H2O)](ClO4)2. Journal of the American Chemical Society, 1990, 112, 2284-2291. | 13.7 | 118 |
| 72 | Synthesis, Structure, Photophysics, and Excited-State Redox Properties of the Novel Luminescent Tetranuclear Acetylidocopper(I) Complex[Cu4(μ-dppm)4(μ4-η1,η2-CC-)](BF4)2. Angewandte Chemie International Edition in English, 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. Nature Photonics, 2019, 13, 185-191. | 31.4 | 118 |
| 74 | Photoinduced C–C bond formation from alkyl halides catalysed by luminescent dinuclear gold(I) and copper(I) complexes. Journal of the Chemical Society Dalton Transactions, 1992, , 3325-3329. | 1.1 | 115 |
| 75 | Phosphorescent molecular tweezers based on alkynylplatinum(ii) terpyridine system: turning on of NIR emission via heterologous Ptâ‹ M interactions (M = PtII, PdII, AuIII and AuI). Chemical Science, 2012, 3, 1185. | 7.4 | 113 |
| 76 | A Solutionâ€Processable Donor–Acceptor Compound Containing Boron(III) Centers for Smallâ€Moleculeâ€Based Highâ€Performance Ternary Electronic Memory Devices. Angewandte Chemie - International Edition, 2015, 54, 10569-10573. | 13.8 | 113 |
| 77 | Molecular Design of Luminescence Ion Probes for Various Cations Based on Weak Gold(I)···Gold(I) Interactions in Dinuclear Gold(I) Complexes. Inorganic Chemistry, 2004, 43, 7421-7430. | 4.0 | 112 |
| 78 | The First Series of Luminescent (μ4-Chalcogenido)silver(I) Clusters. Inorganic Chemistry, 1996, 35, 5116-5117. | 4.0 | 111 |
| 79 | Luminescent Cyclometalated Dialkynylgold(III) Complexes of 2â€Phenylpyridineâ€Type Derivatives with Readily Tunable Emission Properties. Chemistry - A European Journal, 2011, 17, 130-142. | 3.3 | 111 |
| 80 | Supramolecular Assembly of Metalâ€Ligand Chromophores for Sensing and Phosphorescent OLED Applications. Advanced Materials, 2014, 26, 5558-5568. | 21.0 | 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. Journal of the American Chemical Society, 2017, 139, 10750-10761. | 13.7 | 110 |
| 82 | Gated Photochromism in Triarylborane-Containing Dithienylethenes: A New Approach to a "Lock–Unlock―System. Journal of the American Chemical Society, 2011, 133, 19622-19625. | 13.7 | 109 |
| 83 | Supramolecular Self-Assembly and Dual-Switch Vapochromic, Vapoluminescent, and Resistive Memory Behaviors of Amphiphilic Platinum(II) Complexes. Journal of the American Chemical Society, 2017, 139, 13858-13866. | 13.7 | 109 |
| 84 | A Photochromic Platinum(II) Bis(alkynyl) Complex Containing a Versatile 5,6-Dithienyl-1,10-phenanthroline. Organometallics, 2007, 26, 12-15. | 2.3 | 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]. Organometallics, 1995, 14, 2749-2753. | 2.3 | 107 |
| 86 | Highly selective ion probe for Al3+ based on Au(i)â< Au(i) interactions in a bis-alkynyl calix[4]arene Au(i) isocyanide scaffold. Chemical Communications, 2011, 47, 8778. | 4.1 | 106 |
| 87 | A Highly Efficient Silole-Containing Dithienylethene with Excellent Thermal Stability and Fatigue Resistance: A Promising Candidate for Optical Memory Storage Materials. Journal of the American Chemical Society, 2014, 136, 16994-16997. | 13.7 | 105 |
| 88 | A Phosphole Oxide-Containing Organogold(III) Complex for Solution-Processable Resistive Memory Devices with Ternary Memory Performances. Journal of the American Chemical Society, 2016, 138, 6368-6371. | 13.7 | 105 |
| 89 | Luminescent d8 metal complexes of platinum(II) and gold(III): From photophysics to photofunctional materials and probes. Coordination Chemistry Reviews, 2020, 414, 213298. | 18.8 | 105 |
| 90 | Computational Studies on the Excited States of Luminescent Platinum(II) Alkynyl Systems of Tridentate Pincer Ligands in Radiative and Nonradiative Processes. Journal of the American Chemical Society, 2013, 135, 15135-15143. | 13.7 | 104 |

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|-----|--|------|-----------|
| 91 | An Unprecedented Luminescent Polynuclear Gold(I) μ ₃ -Sulfido Cluster With a Thiacrown-like Architecture. Journal of the American Chemical Society, 2010, 132, 17646-17648. | 13.7 | 103 |
| 92 | Synthesis, photophysical properties and DNA binding studies of novel luminescent rhenium(I) complexes. X-Ray crystal structure of [Re(dppn)(CO)3(py)](OTf). Journal of the Chemical Society Chemical Communications, 1995, , 1191. | 2.0 | 102 |
| 93 | Selective Luminescence Chemosensing of Potassium Ions Based on a Novel Platinum(II) Alkynylcalix[4]crown-5 Complex. Organometallics, 2006, 25, 3537-3540. | 2.3 | 102 |
| 94 | From {Au ^I ···Au ^I }-Coupled Cages to the Cage-Built 2-D {Au ^I ···Au ^I } Arrays: Au ^I ···Au ^I Bonding Interaction Driven Self-Assembly and Their Ag ^I Sensing and Photo-Switchable Behavior. Journal of the American Chemical Society, 2014, 136, 10921-10929. | 13.7 | 102 |
| 95 | Synthesis, photophysics and photochemistry of alkynylgold(I) phosphine complexes. Journal of the Chemical Society Dalton Transactions, 1996, , 4227. | 1.1 | 100 |
| 96 | Bipolar Gold(III) Complexes for Solution-Processable Organic Light-Emitting Devices with a Small Efficiency Roll-Off. Journal of the American Chemical Society, 2014, 136, 17861-17868. | 13.7 | 100 |
| 97 | Molecular Design of Luminescent Gold(III) Emitters as Thermally Evaporable and Solution-Processable Organic Light-Emitting Device (OLED) Materials. Chemical Reviews, 2021, 121, 7249-7279. | 47.7 | 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. Organometallics, 2007, 26, 22-25. | 2.3 | 99 |
| 99 | Synthesis, photophysics and photochemistry of novel luminescent rhenium(I) photoswitchable materials. Journal of the Chemical Society Chemical Communications, 1995, , 259. | 2.0 | 98 |
| 100 | Influence of Counteranion on the Chiral Supramolecular Assembly of Alkynylplatinum(II) Terpyridyl Metallogels That Are Stabilised by Ptâ‹â‹â‹Pt and Ï€â€″Ĩ€ Interactions. Chemistry - A European Journal, 2009, 4775-4778. | B53 | 98 |
| 101 | Self-assembly of alkynylplatinum(II) terpyridine amphiphiles into nanostructures via steric control and metal–metal interactions. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2845-2850. | 7.1 | 98 |
| 102 | Induced self-assembly and disassembly of water-soluble alkynylplatinum(ii) terpyridyl complexes with "switchable―near-infrared (NIR) emission modulated by metal–metal interactions over physiological pH: demonstration of pH-responsive NIR luminescent probes in cell-imaging studies. Chemical Science, 2013, 4, 2453. | 7.4 | 97 |
| 103 | Synthesis and Structural Characterization of a Novel Luminescent Tetranuclear Mixed-Metal Platinum(II)â~'Copper(I) Complex. Organometallics, 2001, 20, 721-726. | 2.3 | 96 |
| 104 | Luminescence studies of dinuclear platinum(II) alkynyl complexes and their mixed-metal platinum(II)–copper(I) and –silver(I) complexes. Coordination Chemistry Reviews, 2002, 229, 123-132. | 18.8 | 96 |
| 105 | Redox Luminescence Switch Based on Energy Transfer in CePO4:Tb3+ Nanowires. Angewandte Chemie - International Edition, 2007, 46, 3486-3489. | 13.8 | 96 |
| 106 | Multifunctional Ruthenium(II) Polypyridine Complex-Based Core–Shell Magnetic Silica Nanocomposites: Magnetism, Luminescence, and Electrochemiluminescence. ACS Nano, 2008, 2, 905-912. | 14.6 | 95 |
| 107 | Transformable Nanostructures of Platinum-Containing Organosilane Hybrids: Non-covalent Self-Assembly of Polyhedral Oligomeric Silsesquioxanes Assisted by PtA·A·A·Pt and Ï€â€"ï€ Stacking Interactions of Alkynylplatinum(II) Terpyridine Moieties. Journal of the American Chemical Society, 2014. 136. 17910-17913. | 13.7 | 95 |
| 108 | Synthesis, Structural Characterization, and Luminescence Properties of Branched Palladium(II) and Platinum(II) Acetylide Complexes. Organometallics, 2001, 20, 453-459. | 2.3 | 94 |

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|-----|--|--------|-----------|
| 109 | A Platinum(II) Terpyridine Metallogel with an <scp>L</scp> â€Valineâ€Modified Alkynyl Ligand: Interplay of Ptâ‹â‹â‹Pt, π–π and Hydrogenâ€Bonding Interactions. Chemistry - A European Journal, 2013, 19, 15735- | 15744. | 92 |
| 110 | Organic Memory Devices Based on a Bis-Cyclometalated Alkynylgold(III) Complex. Journal of the American Chemical Society, 2015, 137, 4654-4657. | 13.7 | 92 |
| 111 | Synthesis, Characterization and Photochromic Studies of Spirooxazine-Containing 2,2â€2-Bipyridine Ligands and Their Rhenium(i) Tricarbonyl Complexes. Chemistry - A European Journal, 2004, 10, 766-776. | 3.3 | 91 |
| 112 | Luminescent Molecular Rods — Transition-Metal Alkynyl Complexes. Topics in Current Chemistry, 2005, 257, 1-32. | 4.0 | 91 |
| 113 | Synthesis of Luminescent Platinum(II) 2,6-Bis(<i>N</i> -dodecylbenzimidazol-2′-yl)pyridine Foldamers and Their Supramolecular Assembly and Metallogel Formation. Journal of the American Chemical Society, 2017, 139, 8639-8645. | 13.7 | 91 |
| 114 | Photochromic Benzo[<i>b</i>]phosphole Alkynylgold(I) Complexes with Mechanochromic Property to Serve as Multistimuliâ€Responsive Materials. Angewandte Chemie - International Edition, 2019, 58, 3027-3031. | 13.8 | 91 |
| 115 | Synthesis, Characterization, and Photoisomerization Studies of Azo- and Stilbene-Containing Surfactant Rhenium(I) Complexes. Organometallics, 2001, 20, 4911-4918. | 2.3 | 90 |
| 116 | Nucleic acid-induced self-assembly of a platinum(ii) terpyridyl complex: detection of G-quadruplex formation and nuclease activity. Chemical Communications, 2009, , 3756. | 4.1 | 90 |
| 117 | Aptamer-induced self-assembly of a NIR-emissive platinum(ii) terpyridyl complex for label- and immobilization-free detection of lysozyme and thrombin. Chemical Communications, 2010, 46, 7709. | 4.1 | 90 |
| 118 | Syntheses, crystal structures and photophysics of organogold(III) diimine complexes. Journal of the Chemical Society Dalton Transactions, 1993, , 1001. | 1.1 | 89 |
| 119 | Luminescent metal alkynyls – from simple molecules to molecular rods and materials. Journal of Organometallic Chemistry, 2004, 689, 1393-1401. | 1.8 | 89 |
| 120 | Platinum and Gold Complexes for OLEDs. Topics in Current Chemistry, 2016, 374, 46. | 5.8 | 89 |
| 121 | Specific Postcolumn Detection Method for HPLC Assay of Homocysteine Based on Aggregation of Fluorosurfactant-Capped Gold Nanoparticles. Analytical Chemistry, 2007, 79, 666-672. | 6.5 | 87 |
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