

Irma Chacn

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610
papers

33,088
citations

91
h-index

145
g-index

657
ext. papers

35,361
ext. citations

8.4
avg, IF

7.81
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 610 | Luminescent polynuclear d10 metal complexes. <i>Chemical Society Reviews</i> , 1999 , 28, 323-334 | 58.5 | 1061 |
| 609 | Light-Emitting Self-Assembled Materials Based on d(8) and d(10) Transition Metal Complexes. <i>Chemical Reviews</i> , 2015 , 115, 7589-728 | 68.1 | 988 |
| 608 | Solvent-induced aggregation through metal...metal/pi...pi interactions: large solvatochromism of luminescent organoplatinum(II) terpyridyl complexes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 6506-7 | 16.4 | 526 |
| 607 | Recent advances in metallogels. <i>Chemical Society Reviews</i> , 2013 , 42, 1540-67 | 58.5 | 471 |
| 606 | Highlights on the recent advances in gold chemistry--a photophysical perspective. <i>Chemical Society Reviews</i> , 2008 , 37, 1806-13 | 58.5 | 459 |
| 605 | 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, 555-63 | 24.3 | 456 |
| 604 | Self-assembly of luminescent alkynylplatinum(II) terpyridyl complexes: modulation of photophysical properties through aggregation behavior. <i>Accounts of Chemical Research</i> , 2011 , 44, 424-34 | 24.3 | 455 |
| 603 | Luminescent metal complexes of d6, d8 and d10 transition metal centres. <i>Chemical Communications</i> , 2011 , 47, 11579-92 | 5.8 | 431 |
| 602 | Controlled synthesis of monodisperse silver nanocubes in water. <i>Journal of the American Chemical Society</i> , 2004 , 126, 13200-1 | 16.4 | 358 |
| 601 | Synthesis, Luminescence, Electrochemistry, and Ion-Binding Studies of Platinum(II) Terpyridyl Acetylide Complexes. <i>Organometallics</i> , 2001 , 20, 4476-4482 | 3.8 | 355 |
| 600 | 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, 12734-5 | 16.4 | 306 |
| 599 | Luminescence platinum(II) terpyridyl complexes--from fundamental studies to sensory functions. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 2477-2488 | 23.2 | 304 |
| 598 | Luminescent polynuclear metal acetylides. <i>Journal of Organometallic Chemistry</i> , 1999 , 578, 3-30 | 2.3 | 271 |
| 597 | Luminescent gold(I) complexes for chemosensing. <i>Coordination Chemistry Reviews</i> , 2011 , 255, 2111-2123 | 23.2 | 251 |
| 596 | 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 | 23.2 | 238 |
| 595 | Unusual luminescence enhancement of metallogels of alkynylplatinum(II) 2,6-bis(N-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, 6253-60 | 16.4 | 228 |
| 594 | Recent advances in utilization of transition metal complexes and lanthanides as diagnostic tools. <i>Coordination Chemistry Reviews</i> , 1999 , 184, 157-240 | 23.2 | 227 |

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| 593 | Functionalized platinum(II) terpyridyl alkynyl complexes as colorimetric and luminescence pH sensors. <i>Inorganic Chemistry</i> , 2005 , 44, 1492-8 | 5.1 | 209 |
| 592 | 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, 12136-43 | 16.4 | 204 |
| 591 | Luminescent metallogels of platinum(II) terpyridyl complexes: interplay of metal...metal, pi-pi and hydrophobic-hydrophobic interactions on gel formation. <i>Chemical Communications</i> , 2007 , 2028-30 | 5.8 | 194 |
| 590 | 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, 6058-9 | 16.4 | 193 |
| 589 | Photochromic diarylethene-containing ionic liquids and N-heterocyclic carbenes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 912-3 | 16.4 | 183 |
| 588 | Luminescent cation sensors: from host-guest chemistry, supramolecular chemistry to reaction-based mechanisms. <i>Chemical Society Reviews</i> , 2015 , 44, 4192-202 | 58.5 | 182 |
| 587 | Polymer-induced self-assembly of alkynylplatinum(II) terpyridyl complexes by metal...metal/pi...pi interactions. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 791-4 | 16.4 | 180 |
| 586 | Luminescent platinum(II) terpyridyl complexes: effect of counter ions on solvent-induced aggregation and color changes. <i>Chemistry - A European Journal</i> , 2005 , 11, 4535-43 | 4.8 | 179 |
| 585 | High-efficiency green organic light-emitting devices utilizing phosphorescent bis-cyclometalated alkynylgold(III) complexes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14273-8 | 16.4 | 175 |
| 584 | A class of luminescent cyclometalated alkynylgold(III) complexes: synthesis, characterization, and electrochemical, photophysical, and computational studies of [Au(C=N=C)(C triple bond C-R)] (C=N=C = kappa(3)C,N,C bis-cyclometalated 2,6-diphenylpyridyl). <i>Journal of the American Chemical Society</i> , 2007 , 129, 4350-65 | 16.4 | 169 |
| 583 | Transition metal complexes with photochromic ligands: photosensitization and photoswitchable properties. <i>Journal of Materials Chemistry</i> , 2010 , 20, 2063-2070 | | 165 |
| 582 | 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, 19652-7 | 11.5 | 163 |
| 581 | Photochemistry and Photophysics of Coordination Compounds: Gold 2007 , 269-309 | | 158 |
| 580 | A versatile photochromic dithienylethene-containing 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, 13992-3 | 16.4 | 152 |
| 579 | 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, 5840-8 | 4.8 | 152 |
| 578 | Luminescent dinuclear platinum(II) terpyridine complexes with a flexible bridge and "sticky ends". <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6169-73 | 16.4 | 151 |
| 577 | 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, 12690-705 | 16.4 | 150 |
| 576 | 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 | 16.4 | 149 |

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| 575 | 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, 1400-3 | 16.4 | 149 |
| 574 | Syntheses, electronic absorption, emission, and ion-binding studies of platinum(III) C empty set N empty set C and terpyridyl complexes containing crown ether pendants. <i>Chemistry - A European Journal</i> , 2002 , 8, 4066-76 | 4.8 | 146 |
| 573 | Luminescent gold(III) alkynyl complexes: synthesis, structural characterization, and luminescence properties. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3107-10 | 16.4 | 145 |
| 572 | 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 | 3.3 | 145 |
| 571 | Synthesis, Photophysical Properties, and Biomolecular Labeling Studies of Luminescent Platinum(II)-Terpyridyl Alkynyl Complexes. <i>Organometallics</i> , 2004 , 23, 3459-3465 | 3.8 | 144 |
| 570 | Molecular design of luminescent dinuclear gold(I) thiolate complexes: from fundamentals to chemosensing. <i>Coordination Chemistry Reviews</i> , 2001 , 216-217, 173-194 | 23.2 | 144 |
| 569 | Coordination Compounds with Photochromic Ligands: Ready Tunability and Visible Light-Sensitized Photochromism. <i>Accounts of Chemical Research</i> , 2018 , 51, 149-159 | 24.3 | 141 |
| 568 | A novel class of phosphorescent gold(III) alkynyl-based organic light-emitting devices with tunable colour. <i>Chemical Communications</i> , 2005 , 2906-8 | 5.8 | 140 |
| 567 | 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, 18775-84 | 16.4 | 138 |
| 566 | 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 | | 132 |
| 565 | Dendritic luminescent gold(III) complexes for highly efficient solution-processable organic light-emitting devices. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 446-9 | 16.4 | 131 |
| 564 | 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, 9664-70 | 5.1 | 131 |
| 563 | 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 | | 131 |
| 562 | A Highly Soluble Luminescent Decanuclear Gold(I) Complex with a Propeller-Shaped Structure V.W.-W.Y. acknowledges financial support from the Research Grants Council and The University of Hong Kong. E.C.-C.C. acknowledges the receipt of a postgraduate studentship (1997-1999) and a Crocher Foundation Scholarship (1999-2000), administered by The University of Hong Kong and | 16.4 | 127 |
| 561 | 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, 5497-503 | 3.4 | 126 |
| 560 | 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 | | 126 |
| 559 | Luminescent cyclometalated N-heterocyclic carbene-containing organogold(III) complexes: synthesis, characterization, electrochemistry, and photophysical studies. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9076-85 | 16.4 | 125 |
| 558 | Supramolecular assembly of luminescent gold(I) alkynylcalix[4]crown-6 complexes with planar eta ² , eta ² -coordinated gold(I) centers. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4954-7 | 16.4 | 123 |

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|-----|---|------|-----|
| 557 | Smart self-assemblies based on a surfactant-encapsulated photoresponsive polyoxometalate complex. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9233-6 | 16.4 | 121 |
| 556 | A chiral luminescent Au ₁₆ ring self-assembled from achiral components. <i>Journal of the American Chemical Society</i> , 2005 , 127, 17994-5 | 16.4 | 121 |
| 555 | Luminescent phosphine gold(I) thiolates: correlation between crystal structure and photoluminescent properties in [R ₃ PAu{SC(OMe)=NC ₆ H ₄ NO ₂ -4}] (R = Et, Cy, Ph) and [(Ph ₂ P-R-PPh ₂){AuSC(OMe)=NC ₆ H ₄ NO ₂ -4}] ₂ (R = CH ₂ , (CH ₂) ₂ , (CH ₂) ₃ , (CH ₂) ₄ , Fc). <i>Inorganic Chemistry</i> , 2006 , 45, 8165-74 | 5.1 | 120 |
| 554 | Synthesis, structural characterization and photophysical properties of ethyne-gold(I) complexes. <i>Journal of Organometallic Chemistry</i> , 1994 , 484, 209-224 | 2.3 | 120 |
| 553 | A Novel High-Nuclearity Luminescent Gold(I) Sulfido Complex. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 197-199 | 16.4 | 119 |
| 552 | Electroswitchable photoluminescence activity: synthesis, spectroscopy, electrochemistry, photophysics, and X-ray crystal and electronic structures of [Re(bpy)(CO) ₃ (C≡C-C ₆ H ₄ -C≡C)Fe(C ₅ Me ₅)(dppe)][PF ₆] _n (n = 0, 1). <i>Inorganic Chemistry</i> , 2003 , 42, 5081-87 | 5.1 | 117 |
| 551 | A luminescent cyclometalated platinum(II) complex and its green organic light emitting device with high device performance. <i>Chemical Communications</i> , 2011 , 47, 3383-5 | 5.8 | 114 |
| 550 | Luminescent carbon-rich rhenium(I) complexes. <i>Chemical Communications</i> , 2001 , 789-796 | 5.8 | 114 |
| 549 | Spectroscopy and redox properties of the luminescent excited state of [Au ₂ (dppm) ₂] ²⁺ (dppm = Ph ₂ PCH ₂ PPh ₂). <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 3215 | | 114 |
| 548 | Single-turn helix-coil strands stabilized by metal-metal and metal-ligand interactions of the alkynylplatinum(II) terpyridyl moieties in meta-phenylene ethynylene foldamers. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1047-56 | 16.4 | 113 |
| 547 | Synthesis and Design of Novel Tetranuclear and Dinuclear Gold(I) Phosphine Acetylide Complexes. First X-ray Crystal Structures of a Tetranuclear ([Au ₄ (tppb)(C≡CPh) ₄) and a Related Dinuclear ([Au ₂ (dppb)(C≡CPh) ₂]) Complex. <i>Organometallics</i> , 1996 , 15, 1734-1739 | 3.8 | 112 |
| 546 | Novel luminescent polynuclear gold(I) phosphine complexes. Synthesis, spectroscopy, and X-ray crystal structure of [Au ₃ (dmmp) ₂] ³⁺ [dmmp = bis(dimethylphosphinomethyl)methylphosphine]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 3747 | | 109 |
| 545 | 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, 7421-30 | 5.1 | 106 |
| 544 | Luminescent alkynylplatinum(II) complexes of 2,6-bis(N-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, 4562-76 | 4.8 | 105 |
| 543 | Synthesis, spectroscopy, and electrochemistry of trinuclear copper(I) acetylides. X-ray crystal structure of [Cu ₃ (μ ₃ -Ph ₂ PCH ₂ PPh ₂)(μ ₃ -η ¹ -C≡C-CBu-tert)(μ ₃ -Cl)]PF ₆ . <i>Organometallics</i> , 1993 , 12, 2383-2387 | 3.8 | 105 |
| 542 | A novel monooxoruthenium(V) complex containing a polydentate pyridyl amine ligand. Syntheses, reactivities, and x-ray crystal structure of [Ru(III)(N ₄ O)(H ₂ O)](ClO ₄) ₂ . <i>Journal of the American Chemical Society</i> , 1990 , 112, 2284-2291 | 16.4 | 105 |
| 541 | A Photochromic Platinum(II) Bis(alkynyl) Complex Containing a Versatile 5,6-Dithienyl-1,10-phenanthroline. <i>Organometallics</i> , 2007 , 26, 12-15 | 3.8 | 103 |
| 540 | Luminescent Rhenium(I) Carbon Wires: Synthesis, Photophysics, and Electrochemistry. X-ray Crystal Structure of [Re(tBu ₂ bpy)(CO) ₃ (C≡CC≡C)Re(tBu ₂ bpy)(CO) ₃]. <i>Organometallics</i> , 1996 , 15, 1740-1744 | 2.8 | 103 |

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|-----|--|------|-----|
| 539 | 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 | 9.4 | 101 |
| 538 | Gated photochromism in triarylborane-containing dithienylethenes: a new approach to a "lock-unlock" system. <i>Journal of the American Chemical Society</i> , 2011 , 133, 19622-5 | 16.4 | 100 |
| 537 | Luminescent cyclometalated dialkynylgold(III) complexes of 2-phenylpyridine-type derivatives with readily tunable emission properties. <i>Chemistry - A European Journal</i> , 2011 , 17, 130-42 | 4.8 | 100 |
| 536 | 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, 8778-80 | 5.8 | 100 |
| 535 | Synthesis, photophysical properties and DNA binding studies of novel luminescent rhenium(I) complexes. X-Ray crystal structure of [Re(dppn)(CO) ₃ (py)](OTf). <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1191 | | 100 |
| 534 | 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, 10569-73 | 16.4 | 97 |
| 533 | An unprecedented luminescent polynuclear gold(I) (B)-sulfido cluster with a thiacyclopentadiene-like architecture. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17646-8 | 16.4 | 97 |
| 532 | 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 | | 97 |
| 531 | Selective Luminescence Chemosensing of Potassium Ions Based on a Novel Platinum(II) Alkynylcalix[4]crown-5 Complex. <i>Organometallics</i> , 2006 , 25, 3537-3540 | 3.8 | 96 |
| 530 | The First Series of Luminescent (B-Chalcogenido)silver(I) Clusters. <i>Inorganic Chemistry</i> , 1996 , 35, 5116-5117 | 11.7 | 95 |
| 529 | 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, 690-5 | 11.5 | 93 |
| 528 | Supramolecular assembly of metal-ligand chromophores for sensing and phosphorescent OLED applications. <i>Advanced Materials</i> , 2014 , 26, 5558-68 | 24 | 93 |
| 527 | 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, 16994-7 | 16.4 | 93 |
| 526 | 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, 17861-8 | 16.4 | 93 |
| 525 | Influence of counteranion on the chiral supramolecular assembly of alkynylplatinum(II) terpyridyl metallogels that are stabilised by Pt...Pt and pi-pi interactions. <i>Chemistry - A European Journal</i> , 2009 , 15, 4775-8 | 4.8 | 93 |
| 524 | Synthesis, photophysics and photochemistry of alkynylgold(I) phosphine complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 4227 | | 93 |
| 523 | Redox luminescence switch based on energy transfer in CePO ₄ :Tb ³⁺ nanowires. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3486-9 | 16.4 | 92 |
| 522 | Multifunctional ruthenium(II) polypyridine complex-based core-shell magnetic silica nanocomposites: magnetism, luminescence, and electrochemiluminescence. <i>ACS Nano</i> , 2008 , 2, 905-12 | 16.7 | 92 |

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|-----|--|------|----|
| 521 | Synthesis, Structure, Photophysics, and Excited-State Redox Properties of the Novel Luminescent Tetranuclear Acetylidocopper(I) Complex [Cu ₄ (Edppm) ₄ (μ ₃ -Cl, μ ₂ -C≡C-)](BF ₄) ₂ . <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 1100-1102 | | 92 |
| 520 | Strategies towards rational design of gold(III) complexes for high-performance organic light-emitting devices. <i>Nature Photonics</i> , 2019 , 13, 185-191 | 33.9 | 91 |
| 519 | 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 | 3.8 | 91 |
| 518 | 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, 15135-43 | 16.4 | 90 |
| 517 | Synthesis and Photophysics of Luminescent Rhenium(I) Acetylides-Precursors for Organometallic Rigid-Rod Materials. X-ray Crystal Structures of [Re(tBu ₂ bpy)(CO) ₃ (tBuC.tplbond.C)] and [Re(tBu ₂ bpy)(CO) ₃ Cl]. <i>Organometallics</i> , 1995 , 14, 2749-2753 | 3.8 | 90 |
| 516 | Synthesis, photophysics and photochemistry of novel luminescent rhenium(I) photoswitchable materials. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 259 | | 90 |
| 515 | Luminescent metal alkynyls [From simple molecules to molecular rods and materials. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 1393-1401 | 2.3 | 89 |
| 514 | From {Au(I)} ₂ -coupled cages to the cage-built 2-D {Au(I)} ₂ arrays: Au(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, 10921-9 | 16.4 | 88 |
| 513 | Transformable nanostructures of platinum-containing organosilane hybrids: non-covalent self-assembly of polyhedral oligomeric silsesquioxanes assisted by Pt ₂ and π-stacking interactions of alkynylplatinum(II) terpyridine moieties. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17910-3 | 16.4 | 88 |
| 512 | Luminescent molecular rods - transition-metal alkynyl complexes. <i>Topics in Current Chemistry</i> , 2005 , 257, 1-32 | | 88 |
| 511 | 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, 2845-50 | 11.5 | 87 |
| 510 | Synthesis, characterization and photochromic studies of spirooxazine-containing 2,2'-bipyridine ligands and their rhenium(I) tricarbonyl complexes. <i>Chemistry - A European Journal</i> , 2004 , 10, 766-76 | 4.8 | 87 |
| 509 | Nucleic acid-induced self-assembly of a platinum(II) terpyridyl complex: detection of G-quadruplex formation and nuclease activity. <i>Chemical Communications</i> , 2009 , 3756-8 | 5.8 | 86 |
| 508 | Aptamer-induced self-assembly of a NIR-emissive platinum(II) terpyridyl complex for label- and immobilization-free detection of lysozyme and thrombin. <i>Chemical Communications</i> , 2010 , 46, 7709-11 | 5.8 | 85 |
| 507 | 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, 6368-71 | 16.4 | 85 |
| 506 | Synthesis, Characterization, and Photoisomerization Studies of Azo- and Stilbene-Containing Surfactant Rhenium(I) Complexes. <i>Organometallics</i> , 2001 , 20, 4911-4918 | 3.8 | 84 |
| 505 | Synthesis and Structural Characterization of a Novel Luminescent Tetranuclear Mixed-Metal Platinum(II)Copper(I) Complex. <i>Organometallics</i> , 2001 , 20, 721-726 | 3.8 | 84 |
| 504 | Synthesis, Structural Characterization, and Luminescence Properties of Branched Palladium(II) and Platinum(II) Acetylide Complexes. <i>Organometallics</i> , 2001 , 20, 453-459 | 3.8 | 83 |

- 503 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 9.4 82
- 502 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 16.4 82
- 501 Polyelectrolyte-induced self-assembly of positively charged alkynylplatinum(II)-terpyridyl complexes in aqueous media. *Chemistry - A European Journal*, **2008**, 14, 4577-84 4.8 82
- 500 Room-temperature phosphorescence and energy transfer in luminescent multinuclear platinum(II) complexes of branched alkynyls. *Chemistry - A European Journal*, **2005**, 11, 1647-57 4.8 82
- 499 Synthesis and luminescent properties of a novel tetranuclear copper(I) cluster containing a μ_4 -sulfur moiety. X-Ray crystal structure of $[\text{Cu}_4(\mu\text{-dppm})_4(\mu_4\text{-S})](\text{PF}_6)_2 \cdot 2\text{Me}_2\text{CO}$ [dppm = bis(diphenylphosphino)methane]. *Journal of the Chemical Society Chemical Communications*, **1993**, 1571-1573 82
- 498 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 23.2 80
- 497 Synthesis and luminescence behaviour of mixed-metal rhenium(I)-copper(I) and silver(I) alkynyl complexes. *Coordination Chemistry Reviews*, **2003**, 245, 39-47 23.2 80
- 496 Syntheses, crystal structures and photophysics of organogold(III) diimine complexes. *Journal of the Chemical Society Dalton Transactions*, **1993**, 1001 80
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