

Wing-tak Wong

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508
papers

13,076
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54
h-index

86
g-index

535
ext. papers

14,244
ext. citations

5.2
avg, IF

6.64
L-index

#	Paper	IF	Citations
508	Syntheses, structures, photoluminescence, and theoretical studies of d(10) metal complexes of 2,2'-dihydroxy-[1,1']binaphthalenyl-3,3'-dicarboxylate. <i>Inorganic Chemistry</i> , 2004 , 43, 830-8	5.1	654
507	A highly luminescent europium complex showing visible-light-sensitized red emission: direct observation of the singlet pathway. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5010-3	16.4	308
506	Polymer-coated NaYF ₄ :Yb ³⁺ , Er ³⁺ upconversion nanoparticles for charge-dependent cellular imaging. <i>ACS Nano</i> , 2011 , 5, 7838-47	16.7	226
505	A novel, highly electrical conducting, single-component molecular material: [Ag ₂ (ophen) ₂] (Hophen = 1H-[1,10]phenanthroline-2-one). <i>Journal of the American Chemical Society</i> , 2003 , 125, 6882-3	16.4	217
504	Universal Strategy for HF-Free Facile and Rapid Synthesis of Two-dimensional MXenes as Multifunctional Energy Materials. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9610-9616	16.4	208
503	A decade advancement of transition metal-catalyzed borylation of aryl halides and sulfonates. <i>RSC Advances</i> , 2013 , 3, 12518	3.7	171
502	Nuclear penetration of surface functionalized gold nanoparticles. <i>Toxicology and Applied Pharmacology</i> , 2009 , 237, 196-204	4.6	168
501	A novel highly luminescent LnMOF film: a convenient sensor for Hg ²⁺ detecting. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 11312	13	155
500	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
499	Nanostructure PtRu/MWNTs as anode catalysts prepared in a vacuum for direct methanol oxidation. <i>Langmuir</i> , 2006 , 22, 11447-52	4	137
498	Gold-doxorubicin nanoconjugates for overcoming multidrug resistance. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012 , 8, 204-11	6	132
497	A highly selective fluorescent chemosensor for Al(III) ion and fluorescent species formed in the solution. <i>Inorganic Chemistry</i> , 2013 , 52, 7320-2	5.1	125
496	Synthesis, Crystal Structure, and Photophysical and Magnetic Properties of Dimeric and Polymeric Lanthanide Complexes with Benzoic Acid and Its Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 149-163	2.3	118
495	Intramolecular N-H...H ₂ O Proton-Hydrogen Interaction in Ruthenium Complexes with (2-(Dimethylamino)ethyl)cyclopentadienyl and (3-(Dimethylamino)propyl)cyclopentadienyl Ligands. Hydrogenation of CO ₂ to Formic Acid via the N-H...H ₂ O Hydrogen-Bonded Complexes. <i>Organometallics</i> , 1998 , 17, 2768-2777	3.8	118
494	Syntheses, structures, photoluminescence, and theoretical studies of a novel class of d10 metal complexes of 1H-[1,10]phenanthroline-2-one. <i>Chemistry - A European Journal</i> , 2003 , 9, 3888-96	4.8	114
493	Simultaneous synthesis and functionalization of water-soluble up-conversion nanoparticles for in-vitro cell and nude mouse imaging. <i>Nanoscale</i> , 2011 , 3, 2175-81	7.7	105
492	Emissive terbium probe for multiphoton in vitro cell imaging. <i>Journal of the American Chemical Society</i> , 2008 , 130, 3714-5	16.4	104

491	White OLED with a single-component europium complex. <i>Inorganic Chemistry</i> , 2009 , 48, 10492-4	5.1	103
490	Synthesis, Reactivity, and Characterization of Amine Bis(phenolate) Lanthanide Complexes and Their Application in the Polymerization of β -Caprolactone. <i>Organometallics</i> , 2005 , 24, 4014-4020	3.8	101
489	Highly electrophilic (salen)ruthenium(VI) nitrido complexes. <i>Journal of the American Chemical Society</i> , 2004 , 126, 478-9	16.4	101
488	A highly selective chemosensor for Al(III) and Zn(II) and its coordination with metal ions. <i>Inorganic Chemistry</i> , 2014 , 53, 3012-21	5.1	100
487	Biodiesel production via esterification of oleic acid catalyzed by chlorosulfonic acid modified zirconia. <i>Applied Energy</i> , 2014 , 116, 191-198	10.7	91
486	Chiral transcription in self-assembled tetrahedral EuL chiral cages displaying sizable circularly polarized luminescence. <i>Nature Communications</i> , 2017 , 8, 1128	17.4	88
485	Gold(III) Photooxidants. Photophysical, Photochemical Properties, and Crystal Structure of a Luminescent Cyclometalated Gold(III) Complex of 2,9-Diphenyl-1,10-Phenanthroline. <i>Inorganic Chemistry</i> , 1994 , 33, 1266-1272	5.1	82
484	A strategy for simultaneously realizing the cubic-to-hexagonal phase transition and controlling the small size of NaYF ₄ :Yb ³⁺ ,Er ³⁺ nanocrystals for in vitro cell imaging. <i>Small</i> , 2012 , 8, 1863-8	11	81
483	Ferromagnetic Ordering in a Diamond-Like Cyano-Bridged Mn(II) Ru(III) Bimetallic Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3031-3	16.4	81
482	Carbon-bridged bis(phenolato)lanthanide alkoxides: syntheses, structures, and their application in the controlled polymerization of epsilon-caprolactone. <i>Inorganic Chemistry</i> , 2005 , 44, 5133-40	5.1	78
481	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	16.4	77
480	Design of Polymeric Gene Carriers for Effective Intracellular Delivery. <i>Trends in Biotechnology</i> , 2018 , 36, 713-728	15.1	76
479	Inter- and intramolecular [4 + 3] cycloadditions using epoxy enol silanes as functionalized oxyallyl cation precursors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4556-7	16.4	75
478	Photochromic thienylpyridine-bis(alkynyl)borane complexes: toward readily tunable fluorescence dyes and photoswitchable materials. <i>Organic Letters</i> , 2012 , 14, 1862-5	6.2	73
477	Luminescent platinum(II) complexes of 1,3-bis(N-alkylbenzimidazol-2'-yl)benzene-type ligands with potential applications in efficient organic light-emitting diodes. <i>Chemistry - A European Journal</i> , 2013 , 19, 6385-97	4.8	72
476	Novel ruthenium-oxo complexes of saturated macrocycles with nitrogen and oxygen donors and x-ray crystal structure of trans-[Ru(IV)(L)O(H ₂ O)][ClO ₄] ₂ . <i>Journal of the American Chemical Society</i> , 1989 , 111, 9048-9056	16.4	72
475	Synthesis of 3-cyanoindole derivatives mediated by copper(I) iodide using benzyl cyanide. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3374-8	4.2	71
474	Chemistry and engineering of cyclodextrins for molecular imaging. <i>Chemical Society Reviews</i> , 2017 , 46, 6379-6419	58.5	71

473	Heterometallic MIIIRuIII2 compounds constructed from trans-[Ru(Salen)(CN)2]- and trans-[Ru(Acac)2(CN)2]-. Synthesis, structures, magnetic properties, and density functional theoretical study. <i>Inorganic Chemistry</i> , 2005 , 44, 6579-90	5.1	71
472	Luminescent lanthanide metal-organic framework test strip for immediate detection of tetracycline antibiotics in water. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121498	12.8	71
471	One-dimensional ferromagnetically coupled bimetallic chains constructed with trans-[Ru(acac)2(CN)2]-: syntheses, structures, magnetic properties, and density functional theoretical study. <i>Chemistry - A European Journal</i> , 2010 , 16, 3524-35	4.8	70
470	Functionalized europium nanorods for in vitro imaging. <i>Inorganic Chemistry</i> , 2008 , 47, 5190-6	5.1	68
469	One-step production of biodiesel from rice bran oil catalyzed by chlorosulfonic acid modified zirconia via simultaneous esterification and transesterification. <i>Bioresource Technology</i> , 2013 , 147, 59-64 ¹¹		67
468	Carbon-boron bond cross-coupling reaction catalyzed by -PPh(2) containing palladium-indolylphosphine complexes. <i>Journal of Organic Chemistry</i> , 2012 , 77, 3543-8	4.2	66
467	Room temperature molecular up conversion in solution. <i>Nature Communications</i> , 2016 , 7, 11978	17.4	65
466	Luminescent cyclometalated alkynylgold(III) complexes with 6-phenyl-2,2'-bipyridine derivatives: synthesis, characterization, electrochemistry, photophysics, and computational studies. <i>Inorganic Chemistry</i> , 2012 , 51, 7537-45	5.1	65
465	A Highly Luminescent Europium Complex Showing Visible-Light-Sensitized Red Emission: Direct Observation of the Singlet Pathway. <i>Angewandte Chemie</i> , 2004 , 116, 5120-5123	3.6	65
464	Tunable photochromism in air-stable, robust dithienylethene-containing phospholes through modifications at the phosphorus center. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11504-8	16.4	63
463	Increased antenna effect of the lanthanide complexes by control of a number of terdentate N-donor pyridine ligands. <i>Inorganic Chemistry</i> , 2012 , 51, 7013-5	5.1	63
462	Substituted m-phenylene bridges as strong ferromagnetic couplers for Cu(II)-bridge-Cu(II) magnetic interactions: new perspectives. <i>Chemical Communications</i> , 2005 , 5172-4	5.8	62
461	Highly luminescent Sm(III) complexes with intraligand charge-transfer sensitization and the effect of solvent polarity on their luminescent properties. <i>Inorganic Chemistry</i> , 2015 , 54, 3725-7	5.1	61
460	Structures and luminescent properties of polynuclear gold(I)halides containing bridging phosphine ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 221-226		61
459	Bifunctional up-converting lanthanide nanoparticles for selective in vitro imaging and inhibition of cyclin D as anti-cancer agents. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 84-91	7.3	59
458	Nonlinear optical activity in dipolar organiclanthanide complexes. <i>Journal of Materials Chemistry</i> , 2010 , 20, 4074		59
457	Synthesis, Electrochemistry, and Oxygen-Atom Transfer Reactions of Dioxotungsten(VI) and -molybdenum(VI) Complexes with N2O2 and N2S2 Tetradentate Ligands. <i>European Journal of Inorganic Chemistry</i> , 1999 , 1999, 313-321	2.3	57
456	Surface functionalized gold nanoparticles for drug delivery. <i>Journal of Biomedical Nanotechnology</i> , 2013 , 9, 1362-9	4	54

455	General synthesis of (salen)ruthenium(III) complexes via N...N coupling of (salen)ruthenium(VI) nitrides. <i>Inorganic Chemistry</i> , 2008 , 47, 5936-44	5.1	54
454	Green and red three-photon upconversion from polymeric lanthanide(III) complexes. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4659-62	16.4	54
453	Luminescence tuning and white-light emission of co-doped Ln-Cd-organic frameworks. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 95-100	4.5	53
452	Impressive europium red emission induced by two-photon excitation for biological applications. <i>Inorganic Chemistry</i> , 2011 , 50, 5309-11	5.1	53
451	Terbium luminescence sensitized through three-photon excitation in a self-assembled unlinked antenna. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 10858-61	3.4	53
450	A novel $\mu(4)$ -oxo bridged copper tetrahedron derived by self-assembly: first example of double helical bis(tridentate) coordination of a hexadentate amine phenol ligand. <i>Inorganic Chemistry</i> , 2004 , 43, 4787-9	5.1	53
449	Asymmetric (4+3) cycloadditions of enantiomerically enriched epoxy enolsilanes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12120-3	16.4	52
448	Spectroscopy and x-ray crystal structure of luminescent bis[bis(diphenylphosphino)methane]tetracyanodiplatinum. <i>Inorganic Chemistry</i> , 1989 , 28, 2908-2910	5.1	52
447	A smart "off-on" gate for the detection of hydrogen sulphide with Cu(ii)-assisted europium emission. <i>Chemical Science</i> , 2016 , 7, 2151-2156	9.4	51
446	Upconversion nanoparticles conjugated with Gd(3+) -DOTA and RGD for targeted dual-modality imaging of brain tumor xenografts. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1501-12	10.1	51
445	A convenient method for the preparation of mono N-alkylated cyclams and cyclens in high yields. <i>Tetrahedron Letters</i> , 2002 , 43, 3217-3220	2	51
444	Lanthanide supramolecular helical diastereoselective breaking induced by point chirality: mixture or P-helix, M-helix. <i>Chemical Communications</i> , 2015 , 51, 592-5	5.8	50
443	Stereoselective formation of a single-stranded helicate: structure of a bis(palladium-allyl)quaterpyridine complex and its use in catalytic enantioselective allylic substitution. <i>Chemical Communications</i> , 2006 , 4841-3	5.8	50
442	Structural characterization of shielded isomeric europium complexes with metal-metal contact. <i>Inorganic Chemistry</i> , 2007 , 46, 9754-9	5.1	49
441	2D LnIII RuIII 2 compounds constructed from trans-[Ru(acac) ₂ (CN) ₂]-. Syntheses, structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2006 , 45, 6756-60	5.1	49
440	Simultaneous observation of green multiphoton upconversion and red and blue NLO processes from polymeric terbium(III) complexes. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3436-9	16.4	49
439	Crystal structure and luminescence of lanthanide monodentate complexes [Ln(C(4)N(4)H(6)O)(2)(H(2)O)(6)]Cl(3) and [Ln(C(4)N(4)H(6)O)(2)(H(2)O)(3)(NO(3))(3)] (Ln = Tb or Eu). <i>Inorganic Chemistry</i> , 2005 , 44, 4142-4	5.1	48
438	Antiferromagnetic ordering in a novel five-connected 3D polymer {Cu ₂ (2,5-Me ₂ pyz)[N(CN) ₂] ₄ } _n (2,5-Me ₂ pyz ₂ ,5-dimethylpyrazine). <i>New Journal of Chemistry</i> , 2002 , 26, 523-525	3.6	48

- 437 Synthesis and characterization of luminescent cyclometalated platinum(II) complexes of 1,3-bis-hetero-azolylbenzenes with tunable color for applications in organic light-emitting devices through extension of π -conjugation by variation of the heteroatom. *Chemistry - A European Journal*, **2013**, *19*, 13910-24 4.8 47
- 436 A novel polymeric silver(I) complex with a one-dimensional chain structure. *Inorganic Chemistry Communication*, **1999**, *2*, 241-243 3.1 46
- 435 Synthesis, crystal structures, and luminescence of organic-lanthanide complexes with nicotinate and isonicotinate ligands. *Inorganic Chemistry*, **2008**, *47*, 9431-8 5.1 44
- 434 Template Synthesis, Crystal Structure and Luminescent Properties of Neutral N₄O₃ Tripodal Ln(III) Complexes (Ln(III) = La³⁺, Eu³⁺, Gd³⁺, Tb³⁺, Dy³⁺, Ho³⁺, Er³⁺, Tm³⁺ or Lu³⁺; H₃L = Tris{[3-(2-pyridyl)-5-tert-butyl-2-hydroxybenzylidene-2-imino]ethyl}amine). *European Journal of Inorganic Chemistry*, **2004**, *2004*, 829-836 2.3 43
- 433 Ruthenium complexes with N(SPR₂)₂ (R = Ph or Pri). *Dalton Transactions RSC*, **2000**, 423-430 43
- 432 Synthesis and crystal structures of cationic lanthanide(III) monoporphyrinate complexes. *Journal of the Chemical Society Dalton Transactions*, **1999**, 615-622 43
- 431 Lanthanide CPs: the guest-tunable drastic changes of luminescent quantum yields, and two photon luminescence. *Journal of Materials Chemistry C*, **2014**, *2*, 2235-2242 7.1 42
- 430 New chiral 2,2':6,2'-terpyridine ligands from the chiral pool: synthesis, crystal structure of a rhodium complex and uses in copper- and rhodium-catalyzed enantioselective cyclopropanation of styrene. *Tetrahedron: Asymmetry*, **2001**, *12*, 2683-2694 42
- 429 Ruthenium Benzylidene and Vinylidene Complexes in a Sulfur-Rich Coordination Environment. *Organometallics*, **2000**, *19*, 2084-2089 3.8 42
- 428 Ruthenium(II) ammine and hydrazine complexes with [N(Ph₂PQ)₂]- (Q = S, Se) ligands. *Inorganic Chemistry*, **2000**, *39*, 5255-64 5.1 42
- 427 Efficient Selenium-Catalyzed Selective C(sp³)–H Oxidation of Benzylpyridines with Molecular Oxygen. *Advanced Synthesis and Catalysis*, **2017**, *359*, 1588-1593 5.6 41
- 426 Development of Copper Nanoclusters for In Vitro and In Vivo Theranostic Applications. *Advanced Materials*, **2020**, *32*, e1906872 24 41
- 425 Luminescent Tb³⁺ complex with pendant crown ether showing dual-component recognition of H⁺ and K⁺ at multiple pH windows. *Organic Letters*, **2004**, *6*, 4841-4 6.2 41
- 424 10. Ruthenium 1992. *Coordination Chemistry Reviews*, **1995**, *138*, 219-296 23.2 41
- 423 Synthesis and X-ray crystal structure of a novel neutral trinuclearcopper(ii) hydridotris(3,5-dimethylpyrazolyl)borate complex with 1,1-azidobridges. *Chemical Communications*, **1997**, 957-958 5.8 40
- 422 Ganoderma lucidum mycelium and spore extracts as natural adjuvants for immunotherapy. *Journal of Alternative and Complementary Medicine*, **2005**, *11*, 1047-57 2.4 40
- 421 Chiral bipyridine–copper(II) complex. Crystal structure and catalytic activity in asymmetric cyclopropanation. *Journal of the Chemical Society Dalton Transactions*, **1998**, 1043-1046 39
- 420 Iridium(III) and rhodium(III) cyclometalated complexes containing sulfur and selenium donor ligands. *Journal of Organometallic Chemistry*, **2004**, *689*, 2401-2410 2.3 39

419	Direct Oxidative C ^H Arylation of Benzoxazoles with Arylsulfonyl Hydrazides Promoted by Palladium Complexes. <i>Synlett</i> , 2012 , 23, 2714-2718	2.2	38
418	New [LNiII ₂] ⁺ complexes incorporating 2-formyl or 2,6-diformyl-4-methyl phenol as inhibitors of the hydrolysis of the ligand L3-: Ni...Ni ferromagnetic coupling and S=2 ground states. <i>Inorganic Chemistry</i> , 2007 , 46, 5727-33	5.1	38
417	A novel 2-D interlinking zigzag-chain d-f mixed-metal coordination polymer generated from an organometallic ligand. <i>Chemical Communications</i> , 2002 , 2716-7	5.8	38
416	Synthesis, crystal structures, luminescence and magnetic properties of lanthanide complexes containing the 1,8-bis(2-hydroxybenzamido)-3,6-dioxaoctane ligand. <i>New Journal of Chemistry</i> , 2002 , 26, 576-581	3.6	38
415	Syntheses and structures of novel heterobimetallic Cu(II)Au(I) complexes Cu(cyclen)[Au(CN) ₂] ₂ and Cu(py ₂)[Au(CN) ₂] ₂ . <i>Dalton Transactions RSC</i> , 2000 , 629-631		38
414	Synthesis, crystal structure and nonlinear optical properties of two novel linear cluster polymers {[MoOS ₃ Cu ₃ (CN)(py) ₃] _n ·5C ₆ H ₆ }] _n and [WOS ₃ Cu ₃ (CN)(py) ₄] _n . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2953-2957		38
413	Synthesis and molecular structure of a nitridochromium(V) complex stabilized with dianionic organic amide ligand. <i>Inorganic Chemistry</i> , 1988 , 27, 2547-2548	5.1	38
412	Rapid testing methods for food contaminants and toxicants. <i>Journal of Integrative Agriculture</i> , 2015 , 14, 2243-2264	3.2	37
411	Facile design of Au@Pt core-shell nanostructures: Formation of Pt submonolayers with tunable coverage and their applications in electrocatalysis. <i>Nano Research</i> , 2014 , 7, 410-417	10	37
410	Fast synthesis of red Li ₃ BaSrLn ₃ (WO ₄) ₈ :Eu ³⁺ phosphors for white LEDs under near-UV excitation by a microwave-assisted solid state reaction method and photoluminescence studies. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 12322-12327	7.1	37
409	A simple, regioselective synthesis of 1,4-bis(tert-butoxycarbonylmethyl)- tetraazacyclododecane. <i>Journal of Organic Chemistry</i> , 2003 , 68, 2956-9	4.2	37
408	Novel luminescent binuclear gold(I) isocyanide complexes. Synthesis, spectroscopy, and X-ray crystal structure of Au ₂ (dmb)(CN) ₂ (dmb = 1,8-di-isocyano-p-menthane). <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 243		37
407	Heterobimetallic Ru(II)-Eu(III) complex as chemodosimeter for selective biogenic amine odorants detection in fish sample. <i>Analytical Chemistry</i> , 2011 , 83, 289-96	7.8	36
406	Osmium(VI) Nitrido and Osmium(IV) Phosphoraninato Complexes Containing Schiff Base Ligands. <i>Inorganic Chemistry</i> , 1999 , 38, 6181-6186	5.1	35
405	The use of bis(diphenylphosphinoacetylene) and its digold derivative as linking groups in osmium cluster chemistry. Crystal structures of [{Os ₃ (CO) ₁₁ } ₂ (dppa)], [Os ₃ (CO) ₁₀ (dppa)] ₂ and [Os ₄ H(CO) ₁₂ Au(dppa)] ₂ (dppa = Ph ₂ PC≡CPh ₂). <i>Journal of Organometallic Chemistry</i> , 1992 , 440, 219-231	2.3	35
404	Cobalt(III) alkyl complexes of 1,2-bis(2-pyridinecarboxamido)benzene (H ₂ bpb) and 4,5-dichloro-1,2-bis(2-pyridinecarboxamido)benzene (H ₂ bpc) and X-ray crystal structures of [Co(bpc)(CH ₂ CH ₂ CMeCH ₂)(H ₂ O)] and [Co(bpb)Et(H ₂ O)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991 , 1915-1922		35
403	Scalable synthesis enabling multilevel bio-evaluations of natural products for discovery of lead compounds. <i>Nature Communications</i> , 2018 , 9, 1283	17.4	34
402	The Rhodium-Catalyzed Carbene Cyclization Cycloaddition Cascade Reaction of Vinylsulfonates. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 3128-3132	5.6	34

- 401 Cobalt and iron complexes of chiral C1- and C2-terpyridines: Synthesis, characterization and use in catalytic asymmetric cyclopropanation of styrenes. *Inorganica Chimica Acta*, **2009**, 362, 3267-3273 2.7 33
- 400 Synthesis and structural characterization of ruthenium and osmium carbonyl clusters containing 4,6-dimethylpyrimidine-2-thione. *Inorganica Chimica Acta*, **1995**, 228, 267-275 2.7 33
- 399 Nanophotonic energy storage in upconversion nanoparticles. *Nano Energy*, **2019**, 56, 473-481 17.1 33
- 398 Tunable photochromism in the robust dithienylethene-containing phospholes: design, synthesis, characterization, electrochemistry, photophysics, and photochromic studies. *Chemistry - A European Journal*, **2015**, 21, 6936-48 4.8 32
- 397 Luminescent terbium(III) complexes with pendant crown ethers responding to alkali metal ions and aromatic antennae in aqueous solution. *Chemical Communications*, **2002**, 2034-5 5.8 32
- 396 Synthesis, structural characterization and thermal reactivities of osmium carbonyl clusters containing 4,6-dimethylpyrimidine-2-thione. *Journal of the Chemical Society Dalton Transactions*, **1995**, 1047 32
- 395 The chemistry of the selenium-containing cluster $[Ru_4(\mu_4-Se)_2(CO)_8(\mu-CO)_3]$: crystal structures of $[Ru_3(\mu_3-Se)_2(CO)_7(Ph_2PC_2PPh_2)]$, $[Ru_4(\mu_4-Se)_2(CO)_{10}(SbPh_3)]$ and $[Ru_3(\mu_3-Se)_2(CO)_9]$. *Journal of the Chemical Society Dalton Transactions*, **1992**, 3411-3417 32
- 394 Mechanistic Understanding of Excitation-Correlated Nonlinear Optical Properties in MoS₂ Nanosheets and Nanodots: The Role of Exciton Resonance. *ACS Photonics*, **2016**, 3, 2434-2444 6.3 31
- 393 Luminescent cyclometalated alkynylplatinum(II) complexes with a tridentate pyridine-based N-heterocyclic carbene ligand: synthesis, characterization, electrochemistry, photophysics, and computational studies. *Chemistry - A European Journal*, **2013**, 19, 10360-9 4.8 31
- 392 Organocatalyzed asymmetric synthesis of dihydrodibenzofurans based on a dienamine process. *Organic Letters*, **2013**, 15, 4980-3 6.2 31
- 391 Organometallic Compounds of Ruthenium Containing an Anionic Oxygen Tripod Ligand. *Organometallics*, **1997**, 16, 3234-3240 3.8 31
- 390 $(nBu_4P)_2[Os_{20}(CO)_{40}]$, a Thermolytically Generated High-Nuclearity Cluster with a Tetrahedral Cubic-Close-Packed Metal Core. *Angewandte Chemie International Edition in English*, **1991**, 30, 107-109 31
- 389 Molecular design of upconversion nanoparticles for gene delivery. *Chemical Science*, **2017**, 8, 7339-7358 9.4 30
- 388 Reaction of a (Salen)ruthenium(VI) nitrido complex with thiols. C-H bond activation by (Salen)ruthenium(IV) sulfilamido species. *Inorganic Chemistry*, **2010**, 49, 73-81 5.1 30
- 387 Electrocatalytic reduction of carbon dioxide by a polymeric film of rhenium tricarbonyl dipyridylamine. *Journal of Organometallic Chemistry*, **2009**, 694, 2842-2845 2.3 30
- 386 Electro-oxidation of Methanol on Pt Particles Dispersed on RuO₂ Nanorods. *Journal of the Electrochemical Society*, **2006**, 153, A1714 3.9 30
- 385 NMR studies of lysozyme surface accessibility by using different paramagnetic relaxation probes. *Journal of the American Chemical Society*, **2006**, 128, 9290-1 16.4 30
- 384 μ_2 -N,N'-Imidazolidine-Bridged Dicopper(II/III) Complexes of a New Dinucleating EBis(tetradentate) Schiff Base Ligand: Synthesis, Structural Characterization, ¹H NMR Spectroscopy, and Magnetic Coupling. *European Journal of Inorganic Chemistry*, **2005**, 2005, 2526-2535 2.3 30

383	Preparation of some dinuclear rhodium complexes with the orthometallated ligand [2,6-(PPh ₂ CH ₂) ₂ C ₆ H ₃] ₂ and their catalytic activity for polymerization of phenylacetylene. <i>Journal of Organometallic Chemistry</i> , 2000 , 598, 228-234	2.3	30
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