

Nianyong Zhu

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311 papers	17,181 citations	74 h-index	115 g-index
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#	Paper	IF	Citations
311	Light-emitting tridentate cyclometalated platinum(II) complexes containing sigma-alkynyl auxiliaries: tuning of photo- and electrophosphorescence. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4958-71	16.4	550
310	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
309	Organic light-emitting materials based on bis(arylacetylide)platinum(II) complexes bearing substituted bipyridine and phenanthroline ligands: photo- and electroluminescence from 3MLCT excited states. <i>Chemistry - A European Journal</i> , 2001 , 7, 4180-90	4.8	330
308	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
307	Structural and spectroscopic studies on Pt.Pt and pi-pi interactions in luminescent multinuclear cyclometalated platinum(II) homologues tethered by oligophosphine auxiliaries. <i>Journal of the American Chemical Society</i> , 2004 , 126, 7639-51	16.4	270
306	New luminescent cyclometalated iridium(III) diimine complexes as biological labeling reagents. <i>Inorganic Chemistry</i> , 2003 , 42, 6886-97	5.1	269
305	Photophysical properties and OLED applications of phosphorescent platinum(II) Schiff base complexes. <i>Chemistry - A European Journal</i> , 2010 , 16, 233-47	4.8	242
304	Gold(III) porphyrins as a new class of anticancer drugs: cytotoxicity, DNA binding and induction of apoptosis in human cervix epitheloid cancer cells. <i>Chemical Communications</i> , 2003 , 1718-9	5.8	230
303	Structures, photoluminescence, and reversible vapoluminescence properties of neutral platinum(II) complexes containing extended pi-conjugated cyclometalated ligands. <i>Journal of the American Chemical Society</i> , 2006 , 128, 8297-309	16.4	227
302	Pd(II)-catalyzed enantioselective oxidative tandem cyclization reactions. Synthesis of indolines through C-N and C-C bond formation. <i>Journal of the American Chemical Society</i> , 2006 , 128, 3130-1	16.4	213
301	Functionalized platinum(II) terpyridyl alkynyl complexes as colorimetric and luminescence pH sensors. <i>Inorganic Chemistry</i> , 2005 , 44, 1492-8	5.1	209
300	Imido transfer from bis(imido)ruthenium(VI) porphyrins to hydrocarbons: effect of imido substituents, C-H bond dissociation energies, and Ru(VI/V) reduction potentials. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16629-40	16.4	199
299	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
298	Organic triplet emissions of arylacetylide moieties harnessed through coordination to [Au(PCy(3))] ⁺ . Effect of molecular structure upon photoluminescent properties. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14696-706	16.4	192
297	Photochromic diarylethene-containing ionic liquids and N-heterocyclic carbenes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 912-3	16.4	183
296	Metalloporphyrin-mediated asymmetric nitrogen-atom transfer to hydrocarbons: aziridination of alkenes and amidation of saturated C-H bonds catalyzed by chiral ruthenium and manganese porphyrins. <i>Chemistry - A European Journal</i> , 2002 , 8, 1563-72	4.8	182
295	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

294	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
293	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
292	Structural basis for vapoluminescent organoplatinum materials derived from noncovalent interactions as recognition components. <i>Chemistry - A European Journal</i> , 2003 , 9, 6155-66	4.8	156
291	Nucleic acid intercalators and avidin probes derived from luminescent cyclometalated iridium(III)-dipyridoquinoxaline and -dipyridophenazine complexes. <i>Chemistry - A European Journal</i> , 2006 , 12, 1500-12	4.8	151
290	Biological labelling reagents and probes derived from luminescent transition metal polypyridine complexes. <i>Coordination Chemistry Reviews</i> , 2005 , 249, 1434-1450	23.2	151
289	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
288	Platinum(II) complexes with pi-conjugated, naphthyl-substituted, cyclometalated ligands (RC N N): structures and photo- and electroluminescence. <i>Chemistry - A European Journal</i> , 2007 , 13, 417-35	4.8	150
287	Cuprophilic interactions in luminescent copper(I) clusters with bridging bis(dicyclohexylphosphino)methane and iodide ligands: spectroscopic and structural investigations. <i>Chemistry - A European Journal</i> , 2004 , 10, 2228-36	4.8	150
286	[(C(wedge)N(wedge)N)Pt(C identical to C)nR] (HC(wedge)N(wedge)N = 6-aryl-2,2'-bipyridine, n = 1-4, R = aryl, SiMe3) as a new class of light-emitting materials and their applications in electrophosphorescent devices. <i>Chemical Communications</i> , 2002 , 206-7	5.8	150
285	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
284	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
283	Synthesis, photophysical and electrochemical properties, and biological labeling studies of cyclometalated iridium(III) bis(pyridylbenzaldehyde) complexes: novel luminescent cross-linkers for biomolecules. <i>Chemistry - A European Journal</i> , 2003 , 9, 475-83	4.8	146
282	Luminescent gold(III) alkynyl complexes: synthesis, structural characterization, and luminescence properties. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3107-10	16.4	145
281	Synthesis, Photophysical Properties, and Biomolecular Labeling Studies of Luminescent Platinum(II)-Terpyridyl Alkynyl Complexes. <i>Organometallics</i> , 2004 , 23, 3459-3465	3.8	144
280	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
279	Structure, photophysical and electrochemical properties, biomolecular interactions, and intracellular uptake of luminescent cyclometalated iridium(III) dipyridoquinoxaline complexes. <i>Inorganic Chemistry</i> , 2010 , 49, 2530-40	5.1	136
278	Anticancer cyclometalated [Au(III)m(C(wedge)N(wedge)C)mL]n+ compounds: Synthesis and cytotoxic properties. <i>Chemistry - A European Journal</i> , 2006 , 12, 5253-66	4.8	133
277	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

275	Sterically bulky thioureas as air- and moisture-stable ligands for pd-catalyzed Heck reactions of aryl halides. <i>Organic Letters</i> , 2004 , 6, 1577-80	6.2	127
274	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
273	Stable anticancer gold(III)-porphyrin complexes: effects of porphyrin structure. <i>Chemistry - A European Journal</i> , 2010 , 16, 3097-113	4.8	123
272	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
271	Non-covalent binding of luminescent transition metal polypyridine complexes to avidin, indole-binding proteins and estrogen receptors. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 2292-2310	23.2	122
270	Electroswitchable photoluminescence activity: synthesis, spectroscopy, electrochemistry, photophysics, and X-ray crystal and electronic structures of [Re(bpy)(CO)3(C[triple bond]C[bond]C[bond]C6H4[bond]C[triple bond]C)Fe(C5Me5)(dppe)][PF6](n) (n = 0, 1). <i>Inorganic Chemistry</i> , 2003 , 42, 7086-97	5.1	117
269	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
268	Observation of intramolecular C-H...F-C contacts in non-metallocene polyolefin catalysts: model for weak attractive interactions between polymer chain and noninnocent ligand. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 1628-32	16.4	107
267	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
266	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
265	Pd(II)/(t)Bu-quinolineoxazoline: an air-stable and modular chiral catalyst system for enantioselective oxidative cascade cyclization. <i>Organic Letters</i> , 2009 , 11, 5626-8	6.2	103
264	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
263	The 3(π) Emission of Cy3PAu(C≡C)nAuPCy3 (n = 3, 4). Effect of Chain Length upon Acetylenic 3(π) Emission. <i>Organometallics</i> , 2002 , 21, 2343-2346	3.8	103
262	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
261	An unprecedented luminescent polynuclear gold(I) (B)-sulfido cluster with a thiacyclobutane-like architecture. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17646-8	16.4	97
260	Metal-metal interactions in heterobimetallic d8-d10 complexes. Structures and spectroscopic investigation of [M'M''(μ-dcpm)2(CN)2]+ (M' = Pt, Pd; M'' = Cu, Ag, Au) and related complexes by UV-vis absorption and resonance Raman spectroscopy and ab initio calculations. <i>Journal of the American Chemical Society</i> , 2003 , 125, 10362-74	16.4	97
259	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

258	Structural, photophysical, and electrophosphorescent properties of platinum(II) complexes supported by tetradentate N2O2 chelates. <i>Chemistry - A European Journal</i> , 2003 , 9, 1263-72	4.8	93
257	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
256	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
255	Highly enantioselective atom-transfer radical cyclization reactions catalyzed by chiral Lewis acids. <i>Journal of the American Chemical Society</i> , 2001 , 123, 8612-3	16.4	87
254	Polymorphic forms of a gold(I) arylacetylide complex with contrasting phosphorescent characteristics. <i>Journal of the American Chemical Society</i> , 2003 , 125, 16081-8	16.4	86
253	Dual-Emissive Cyclometalated Iridium(III) Polypyridine Complexes as Ratiometric Biological Probes and Organelle-Selective Bioimaging Reagents. <i>Inorganic Chemistry</i> , 2015 , 54, 6582-93	5.1	85
252	Ruthenium porphyrin-catalyzed aerobic oxidation of terminal aryl alkenes to aldehydes by a tandem epoxidation-isomerization pathway. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6638-42	16.4	85
251	Alkene cis-dihydroxylation by [(Me3tacn)(CF3CO2)RuVI O2)]ClO4(Me3)tacn = 1,4,7-Trimethyl-1,4,7-triazacyclononane): structural characterization of [3 + 2] cycloadducts and kinetic studies. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14239-49	16.4	85
250	Synthesis, Characterization, and Photoisomerization Studies of Azo- and Stilbene-Containing Surfactant Rhenium(I) Complexes. <i>Organometallics</i> , 2001 , 20, 4911-4918	3.8	84
249	cis-Beta-bis(carbonyl) ruthenium-salen complexes: X-ray crystal structures and remarkable catalytic properties toward asymmetric intramolecular alkene cyclopropanation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4405-17	16.4	83
248	Room-temperature phosphorescence and energy transfer in luminescent multinuclear platinum(II) complexes of branched alkynyls. <i>Chemistry - A European Journal</i> , 2005 , 11, 1647-57	4.8	82
247	Synthesis and luminescence behaviour of mixed-metal rhenium(I) copper(I) and silver(I) alkynyl complexes. <i>Coordination Chemistry Reviews</i> , 2003 , 245, 39-47	23.2	80
246	Photochromic alkynes as versatile building blocks for metal alkynyl systems: design, synthesis, and photochromic studies of diarylethene-containing platinum(II) phosphine alkynyl complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 471-81	5.1	78
245	Luminescent alkynylplatinum(II) terpyridyl metallo gels stabilized by Pt...Pt, pi-pi, and hydrophobic-hydrophobic interactions. <i>Langmuir</i> , 2009 , 25, 8685-95	4	78
244	A Diiminoplatinum(II) Complex of 4-Ethynylbenzo-15-crown-5 as a Luminescent Sensor for Divalent Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2749-2752	2.3	78
243	Syntheses, characterisation and photophysical studies of novel biological labelling reagents derived from luminescent iridium(III) terpyridine complexes. <i>New Journal of Chemistry</i> , 2002 , 26, 81-88	3.6	78
242	Neutron and X-ray diffraction and spectroscopic investigations of intramolecular [C-H...F-C] contacts in post-metallocene polyolefin catalysts: modeling weak attractive polymer-ligand interactions. <i>Chemistry - A European Journal</i> , 2006 , 12, 2607-19	4.8	77
241	Synthesis, photophysics, electrochemistry, theoretical, and transient absorption studies of luminescent copper(I) and silver(I) diynyl complexes. X-ray crystal structures of [Cu3(micro-dppm)3(micro3-eta1-C triple bond CC triple bond CPh)2]PF6 and [Cu3(micro-dppm)3(micro3-eta1-C triple bond CC triple bond CH)2]PF6. <i>Journal of the American Chemical Society</i> , 2004 , 126, 7300-10	16.4	77

240	Structure of colloidal bismuth subcitrate (CBS) in dilute HCl: unique assembly of bismuth citrate dinuclear units ([Bi(cit)(2)Bi](2-)). <i>Journal of the American Chemical Society</i> , 2003 , 125, 12408-9	16.4	75
239	Selective ion probe for Mg ²⁺ based on Au(I)Au(I) interactions in a tripodal alkynylgold(I) complex with oligoether pendants. <i>Chemical Communications</i> , 2009 , 4016-8	5.8	74
238	Electronic spectroscopy, photophysical properties, and emission quenching studies of an oxidatively robust perfluorinated platinum porphyrin. <i>Inorganic Chemistry</i> , 2004 , 43, 3724-32	5.1	74
237	Synthesis, characterization, luminescence, and non-linear optical properties of oxadiazole- and truxene-containing platinum(II) alkynyl complexes with donor-acceptor functionalities. <i>Inorganic Chemistry</i> , 2009 , 48, 2855-64	5.1	73
236	Highly cytotoxic iron(II) complexes with pentadentate pyridyl ligands as a new class of anti-tumor agents. <i>Chemical Communications</i> , 2005 , 4578-80	5.8	72
235	Design and synthesis of calixarene-based bis-alkynyl-bridged dinuclear Au(I) isonitrile complexes as luminescent ion probes by the modulation of Au...Au interactions. <i>Chemistry - A European Journal</i> , 2009 , 15, 8842-51	4.8	71
234	Structural variations and spectroscopic properties of luminescent mono- and multinuclear silver(I) and copper(I) complexes bearing phosphine and cyanide ligands. <i>Inorganic Chemistry</i> , 2005 , 44, 1511-24	5.1	71
233	Syntheses, luminescence switching, and electrochemical studies of photochromic dithienyl-1,10-phenanthroline zinc(II) bis(thiolate) complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 1144-52	5.1	70
232	A Novel Polynuclear GoldSulfur Cube with an Unusually Large Stokes Shift. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1763-1765	16.4	69
231	Inhibition of SARS coronavirus helicase by bismuth complexes. <i>Chemical Communications</i> , 2007 , 4413-5	5.8	68
230	Syntheses, luminescence behavior, and assembly reaction of tetraalkynylplatinate(II) complexes: crystal structures of [Pt((t)Bu(3)trpy)(Ctbd1;CC(5)H(4)N)Pt((t)Bu(3)trpy)](PF(6))(3) and [Pt(2)Ag(4)(Ctbd1;CCtbd1;CC(6)H(4)CH(3)-4)(8)(THF)(4)]. <i>Inorganic Chemistry</i> , 2004 , 43, 812-21	5.1	68
229	Atom-transfer tandem radical cyclization reactions promoted by lewis acids. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3014-7	16.4	66
228	The (3)[$\sigma^*(n+1)p\sigma$] emissions of linear silver(I) and gold(I) chains with bridging phosphine ligands. <i>Chemistry - A European Journal</i> , 2009 , 15, 10777-89	4.8	65
227	Synthesis, characterization, crystal structure, and electrochemical, photophysical, and protein-binding properties of luminescent rhenium(I) diimine indole complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 6100-10	5.1	62
226	3[(dx ² -y ² ,dxy)(pz)] excited state of binuclear copper(I) phosphine complexes: effect of copper-ligand and copper-copper interactions on excited state properties and photocatalytic reductions of the 4,4'-dimethyl-2,2'-bipyridinium ion in alcohols. <i>Chemistry - A European Journal</i> , 2003 , 9, 2885-94	4.8	62
225	Cyclometalated Iridium(III) Carbene Phosphors for Highly Efficient Blue Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 40497-40502	9.5	61
224	A dicationic organoplatinum(II) complex containing a bridging 2,5-bis-(4-ethynylphenyl)-[1,3,4]oxadiazole ligand behaves as a phosphorescent gelator for organic solvents. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 59-69	4.5	61
223	Luminescent properties of carbon-rich starburst gold(I) acetylide complexes. Crystal structure of [TEE][Au(PCy3)] ₄ ([TEE]H ₄ =tetraethynylethene). <i>Journal of Organometallic Chemistry</i> , 2003 , 670, 11-16	2.3	61

222	Enantioselective PhSe-group-transfer tandem radical cyclization reactions catalyzed by a chiral Lewis acid. <i>Angewandte Chemie - International Edition</i> , 2005 , 45, 255-8	16.4	60
221	Luminescent Tricarbonylrhenium(I) Polypyridine Estradiol Conjugates: Synthesis, Crystal Structure, and Photophysical, Electrochemical, and Protein-Binding Properties. <i>Organometallics</i> , 2006 , 25, 3220-3227	3.8	60
220	Novel luminescent hexanuclear platinum(II) alkynyl complex: molecular lego from a face-to-face dinuclear platinum(II) building block. <i>Inorganic Chemistry</i> , 2002 , 41, 6178-80	5.1	60
219	Luminescent metallogels of bis-cyclometalated alkynylgold(III) complexes. <i>Inorganic Chemistry</i> , 2013 , 52, 558-67	5.1	59
218	Synthesis, structure, photophysics, electrochemistry, and ion-binding studies of ruthenium(II) 1,10-phenanthroline complexes containing thia-, seleno-, and aza-crown pendants. <i>Inorganic Chemistry</i> , 2007 , 46, 720-33	5.1	59
217	Functionalized Rhenium(I) Complexes with Crown Ether Pendants Derived from 1,10-Phenanthroline: Selective Sensing for Metal Ions. <i>Organometallics</i> , 2007 , 26, 6091-6098	3.8	58
216	Structures and solvatochromic phosphorescence of dicationic terpyridyl-platinum(II) complexes with foldable oligo(ortho-phenyleneethynylene) bridging ligands. <i>Chemistry - A European Journal</i> , 2008 , 14, 9736-46	4.8	58
215	A silica gel-supported ruthenium complex of 1,4,7-trimethyl-1,4,7-triazacyclononane as recyclable catalyst for chemoselective oxidation of alcohols and alkenes by tert-butyl hydroperoxide. <i>Journal of Organic Chemistry</i> , 2002 , 67, 7716-23	4.2	58
214	Tethered trinuclear cyclometalated platinum(II) complexes: from crystal engineering to tunable emission energy. <i>Chemical Communications</i> , 2002 , 900-1	5.8	58
213	The synthesis and crystal structure of a novel cubane-like molybdenum copper sulfur cluster [Mo ₃ CuS ₄][S ₂ P(OC ₂ H ₅) ₂] ₃ [CH ₃ COO][CON(CH ₃) ₂]. <i>Inorganica Chimica Acta</i> , 1987 , 133, 39-42	2.7	58
212	A cyclometalated platinum(II) complex with a pendent pyridyl motif as solid-state luminescent sensor for acidic vapors. <i>Chemistry - A European Journal</i> , 2011 , 17, 4109-12	4.8	57
211	Palladium-catalyzed highly diastereoselective oxidative cascade cyclization reactions. <i>Organic Letters</i> , 2009 , 11, 1911-4	6.2	57
210	Probing ruthenium-acetylide bonding interactions: synthesis, electrochemistry, and spectroscopic studies of acetylide-ruthenium complexes supported by tetradentate macrocyclic amine and diphosphine ligands. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13997-4007	16.4	56
209	Functionalized bis-cyclometalated alkynylgold(III) complexes: synthesis, characterization, electrochemistry, photophysics, photochemistry, and electroluminescence studies. <i>Inorganic Chemistry</i> , 2013 , 52, 12713-25	5.1	53
208	Synthesis, photophysical and electrophosphorescent properties of fluorene-based platinum(II) complexes. <i>Chemistry - A European Journal</i> , 2010 , 16, 14131-41	4.8	53
207	Synthesis and Characterization of Luminescent Rhenium(I)Platinum(II) Polypyridine Bichromophoric Alkynyl-Bridged Molecular Rods. <i>Organometallics</i> , 2005 , 24, 4298-4305	3.8	52
206	Spectral, structural, and electrochemical properties of ruthenium porphyrin diaryl and aryl(alkoxycarbonyl) carbene complexes: influence of carbene substituents, porphyrin substituents, and trans-axial ligands. <i>Chemistry - A European Journal</i> , 2004 , 10, 3486-502	4.8	52
205	A new class of isocyanide-containing rhenium(I) bipyridyl luminophore with readily tunable and highly environmentally sensitive excited-state properties. <i>Inorganic Chemistry</i> , 2008 , 47, 7447-9	5.1	51

204	[(O--N--N)PtX] complexes as a new class of light-emitting materials for electrophosphorescent devices. <i>Inorganic Chemistry</i> , 2005 , 44, 4442-4	5.1	51
203	Synthesis, photophysical and electrochemical properties, and biological labelling studies of luminescent cyclometallated iridium(III) bipyridine- <i>l</i> -aldehyde complexes. <i>Inorganica Chimica Acta</i> , 2004 , 357, 3109-3118	2.7	51
202	Syntheses, Structural Characterization, and Luminescence Behavior of Face-to-Face Diplatinum(II) Alkynyl Complexes. <i>Organometallics</i> , 2002 , 21, 4326-4334	3.8	51
201	Single microcrystals of organoplatinum(II) complexes with high charge-carrier mobility. <i>Chemical Science</i> , 2011 , 2, 216-220	9.4	50
200	Syntheses, structural characterization, and host-guest chemistry of ethynylcrown ether containing polynuclear gold(I) complexes. <i>Inorganic Chemistry</i> , 2004 , 43, 2225-7	5.1	50
199	Chiral Lewis acid-catalyzed enantioselective intramolecular carbonyl ene reactions of unsaturated alpha-keto esters. <i>Organic Letters</i> , 2003 , 5, 3749-52	6.2	49
198	Design and synthesis of a new class of photochromic diarylethene-containing dithieno[3,2-b:2',3'-d]pyrroles and their switchable luminescence properties. <i>Chemistry - A European Journal</i> , 2009 , 15, 10005-9	4.8	48
197	Luminescent Heterometallic Branched Alkynyl Complexes of Rhenium(I) Palladium(II): Potential Building Blocks for Heterometallic Metallodendrimers. <i>Organometallics</i> , 2004 , 23, 4924-4933	3.8	48
196	Surprising activity for Group 4 polyolefin catalysts [M{(OAr) ₂ py}Cl ₂ (thf)] (M = Zr, Ti) bearing tridentate pyridine-2,6-bis(aryloxy) ligands. <i>Dalton Transactions RSC</i> , 2002 , 3085		48
195	Unprecedented formation of an acetamidate-bridged dinuclear platinum(II) terpyridyl complex-correlation of luminescence properties with the crystal forms and dimerization studies in solution. <i>Chemical Communications</i> , 2006 , 3441-3	5.8	47
194	Luminescent rhenium(I) diimine indole conjugates--photophysical, electrochemical and protein-binding properties. <i>Chemical Communications</i> , 2003 , 2704-5	5.8	47
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