

Yu-Wu Zhong

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182
papers

5,478
citations

40
h-index

64
g-index

196
ext. papers

6,346
ext. citations

7.2
avg, IF

6.1
L-index

#	Paper	IF	Citations
182	Electron injection from colloidal PbS quantum dots into titanium dioxide nanoparticles. <i>ACS Nano</i> , 2008 , 2, 2206-12	16.7	512
181	Direct measurement of the electric-field distribution in a light-emitting electrochemical cell. <i>Nature Materials</i> , 2007 , 6, 894-9	27	256
180	Near-IR electrochromism in electropolymerized films of a biscyclometalated ruthenium complex bridged by 1,2,4,5-tetra(2-pyridyl)benzene. <i>Journal of the American Chemical Society</i> , 2011 , 133, 20720-3	16.4	142
179	Conductance switching and mechanisms in single-molecule junctions. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8666-70	16.4	131
178	Charge delocalization in a cyclometalated bisruthenium complex bridged by a noninnocent 1,2,4,5-tetra(2-pyridyl)benzene ligand. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15697-706	16.4	122
177	Electrogenerated chemiluminescence from PbS quantum dots. <i>Nano Letters</i> , 2009 , 9, 789-93	11.5	118
176	A Two-Dimensional Hole-Transporting Material for High-Performance Perovskite Solar Cells with 20 % Average Efficiency. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10959-10965	16.4	95
175	Lamellar assembly of conical molecules possessing a fullerene apex in crystals and liquid crystals. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3052-3	16.4	91
174	Electropolymerized films of vinyl-substituted polypyridine complexes: Synthesis, characterization, and applications. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 1357-1372	23.2	89
173	Tuning of redox potentials by introducing a cyclometalated bond to bis-tridentate ruthenium(II) complexes bearing bis(N-methylbenzimidazolyl)benzene or -pyridine ligands. <i>Inorganic Chemistry</i> , 2012 , 51, 890-9	5.1	84
172	Single-molecule conductance of pyridine-terminated dithienylethene switch molecules. <i>ACS Nano</i> , 2011 , 5, 5115-23	16.7	84
171	A Molecular Platform for Multistate Near-Infrared Electrochromism and Flip-Flop, Flip-Flap-Flop, and Ternary Memory. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9192-7	16.4	79
170	Photocurrent-generating properties of organometallic fullerene molecules on an electrode. <i>Journal of the American Chemical Society</i> , 2008 , 130, 5016-7	16.4	75
169	Electronic coupling in cyclometalated ruthenium complexes. <i>Coordination Chemistry Reviews</i> , 2016 , 312, 22-40	23.2	71
168	Three-state near-infrared electrochromism at the molecular scale. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4058-61	16.4	69
167	Temperature-Responsive Fluorescent Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7723-7729	16.4	69
166	Tridentate Cyclometalated Ruthenium(II) Complexes of Click Ligand 1,3-Di(1,2,3-triazol-4-yl)benzene. <i>Organometallics</i> , 2011 , 30, 2236-2240	3.8	68

165	Dinuclear transition-metal terpyridine complexes with a dithienylcyclopentene bridge directed toward molecular electronic applications. <i>Inorganic Chemistry</i> , 2007 , 46, 10470-2	5.1	68
164	Oriented Two-Dimensional Covalent Organic Framework Films for Near-Infrared Electrochromic Application. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19831-19838	16.4	68
163	Electropolymerized films as a molecular platform for volatile memory devices with two near-infrared outputs and long retention time. <i>Chemical Science</i> , 2014 , 5, 932-941	9.4	66
162	Recent progress in carbonyl-based organic polymers as promising electrode materials for lithium-ion batteries (LIBs). <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11906-11922	13	64
161	In Situ Visualization of Assembly and Photonic Signal Processing in a Triplet Light-Harvesting Nanosystem. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4269-4278	16.4	64
160	Electronic coupling between two cyclometalated ruthenium centers bridged by 1,3,6,8-tetra(2-pyridyl)pyrene (tppyr). <i>Inorganic Chemistry</i> , 2010 , 49, 8347-50	5.1	63
159	Tuning of resistive memory switching in electropolymerized metallopolymeric films. <i>Chemical Science</i> , 2015 , 6, 1308-1315	9.4	59
158	Direct observation of single-molecule hydrogen-bond dynamics with single-bond resolution. <i>Nature Communications</i> , 2018 , 9, 807	17.4	56
157	Five-stage near-infrared electrochromism in electropolymerized films composed of alternating cyclometalated bisruthenium and bis-triarylamine segments. <i>Inorganic Chemistry</i> , 2013 , 52, 10000-8	5.1	56
156	New hole transporting materials for planar perovskite solar cells. <i>Chemical Communications</i> , 2018 , 54, 1651-1654	5.8	55
155	Electronic coupling between two cyclometalated ruthenium centers bridged by 1,3,6,8-tetrakis(1-butyl-1H-1,2,3-triazol-4-yl)pyrene. <i>Inorganic Chemistry</i> , 2011 , 50, 7074-9	5.1	53
154	Seven-coordinate lanthanide sandwich-type complexes with a tetrathiafulvalene-fused Schiff base ligand. <i>Inorganic Chemistry</i> , 2013 , 52, 11164-72	5.1	52
153	Dithienylcyclopentenes-containing transition metal bisterpyridine complexes directed toward molecular electronic applications. <i>Inorganic Chemistry</i> , 2009 , 48, 991-9	5.1	51
152	1,4-Benzene-bridged covalent hybrid of triarylamine and cyclometalated ruthenium: a new type of organic-inorganic mixed-valent system. <i>Chemical Communications</i> , 2012 , 48, 5680-2	5.8	48
151	Photoluminescent Anisotropy Amplification in Polymorphic Organic Nanocrystals by Light-Harvesting Energy Transfer. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6157-6161	16.4	47
150	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021 , 64, 2060	7.9	46
149	Metallopolymeric films based on a biscyclometalated ruthenium complex bridged by 1,3,6,8-tetra(2-pyridyl)pyrene: applications in near-infrared electrochromic windows. <i>Inorganic Chemistry</i> , 2012 , 51, 6259-63	5.1	45
148	Diaceno[a,e]pentalenes from homoannulations of o-alkynylaryliodides utilizing a unique Pd(OAc) ₂ /n-Bu ₄ NOAc catalytic combination. <i>Organic Letters</i> , 2014 , 16, 4924-7	6.2	44

147	Transition-metal tris-bipyridines containing three dithienylcyclopentenes: synthesis, photochromic, and electrochromic properties. <i>Inorganic Chemistry</i> , 2009 , 48, 7080-5	5.1	44
146	Operating mechanism of light-emitting electrochemical cells. <i>Nature Materials</i> , 2008 , 7, 168-168	27	44
145	Anthracene-bridged binuclear ruthenium complexes: electrochemical and spectroscopic evidence of electronic communication through the pi system. <i>Inorganic Chemistry</i> , 2010 , 49, 796-804	5.1	43
144	Convergent synthesis of a polyfunctionalized fullerene by regioselective five-fold addition of a functionalized organocopper reagent to C ₆₀ . <i>Organic Letters</i> , 2006 , 8, 1463-6	6.2	43
143	Bilayer molecular assembly at a solid/liquid interface as triggered by a mild electric field. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13395-9	16.4	42
142	Electronic communication between two amine redox centers bridged by a bis(terpyridine)ruthenium(II) complex. <i>Inorganic Chemistry</i> , 2011 , 50, 6847-9	5.1	38
141	Near-infrared absorbing and emitting Ru(II)-Pt(II) heterodimetallic complexes of dpdpz (dpdpz = 2,3-di(2-pyridyl)-5,6-diphenylpyrazine). <i>Inorganic Chemistry</i> , 2011 , 50, 3959-69	5.1	38
140	Cyclometalated ruthenium(II) complexes with a bis-carbene CCC-pincer ligand. <i>Dalton Transactions</i> , 2012 , 41, 9280-2	4.3	37
139	Mononuclear and dinuclear ruthenium complexes of 2,3-Di-2-pyridyl-5,6-diphenylpyrazine: synthesis and spectroscopic and electrochemical studies. <i>Inorganic Chemistry</i> , 2011 , 50, 517-24	5.1	36
138	Resistive memory switching of transition-metal complexes controlled by ligand design. <i>Coordination Chemistry Reviews</i> , 2019 , 393, 21-36	23.2	35
137	Charge delocalization of 1,4-benzenedicyclopentyl ruthenium: a comparison between tris-bidentate and bis-tridentate complexes. <i>Inorganic Chemistry</i> , 2012 , 51, 1590-8	5.1	34
136	Remote Chirality Transfer within a Coordination Sphere by the Use of a Ligand Possessing a Concave Cavity. <i>Organometallics</i> , 2006 , 25, 2826-2832	3.8	34
135	Electronic coupling between two amine redox sites through the 5,5'-positions of metal-chelating 2,2'-bipyridines. <i>Chemistry - A European Journal</i> , 2012 , 18, 14497-509	4.8	33
134	Electronic Coupling in a Bis-Cyclometalated Ruthenium Complex Bridged by 3,3',5,5'-Tetrakis(1H-1,2,3-triazol-4-yl)biphenyl. <i>Organometallics</i> , 2012 , 31, 1035-1041	3.8	33
133	In situ switching layer-by-layer assembly: one-pot rapid layer assembly via alternation of reductive and oxidative electropolymerization. <i>Chemical Communications</i> , 2013 , 49, 6879-81	5.8	33
132	A sulfur-rich small molecule as a bifunctional interfacial layer for stable perovskite solar cells with efficiencies exceeding 22%. <i>Nano Energy</i> , 2021 , 79, 105462	17.1	33
131	Molecular Conductance through a Quadruple-Hydrogen-Bond-Bridged Supramolecular Junction. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12393-7	16.4	32
130	Biscyclometalated ruthenium complexes bridged by 3,3',5,5'-tetrakis(N-methylbenzimidazol-2-yl)biphenyl: synthesis and spectroscopic and electronic coupling studies. <i>Inorganic Chemistry</i> , 2012 , 51, 4343-51	5.1	32

129	Synthesis and Reductive Electropolymerization of Metal Complexes with 5,5'-Divinyl-2,2'-Bipyridine. <i>Organometallics</i> , 2012 , 31, 6952-6959	3.8	30
128	Electropolymerized films of redox-active ruthenium complexes for multistate near-infrared electrochromism, ion sensing, and information storage. <i>Chinese Chemical Letters</i> , 2016 , 27, 1105-1114	8.1	30
127	Combined Experimental and Computational Study of Pyren-2,7-diyl-Bridged Diruthenium Complexes with Various Terminal Ligands. <i>Inorganic Chemistry</i> , 2015 , 54, 4688-98	5.1	29
126	Capture and Release of Singlet Oxygen in Coordination-Driven Self-Assembled Organoplatinum(II) Metallocycles. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2601-2608	16.4	28
125	Oligotriarylamines with a pyrene core: a multicenter strategy for enhancing radical cation and dication stability and tuning spin distribution. <i>Chemistry - A European Journal</i> , 2014 , 20, 17454-65	4.8	28
124	Near-infrared electrochromism in electropolymerized metallopolymeric films of a phen-1,4-diyl-bridged diruthenium complex. <i>Inorganic Chemistry</i> , 2014 , 53, 11316-22	5.1	28
123	Integration of Self-Assembled Redox Molecules in Flash Memory Devices. <i>IEEE Transactions on Electron Devices</i> , 2011 , 58, 826-834	2.9	28
122	Chiral ruthenium-allenylidene complexes that bear a fullerene cyclopentadienyl ligand: synthesis, characterization, and remote chirality transfer. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 358-66	4.5	28
121	Synthesis of vinyl-substituted polypyridyl ligands through Suzuki-Miyaura cross-coupling of potassium vinyltrifluoroborate with bromopolypyridines. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4771-5	4.2	27
120	Naphtho[1,2-b:4,3-b']dithiophene-based hole transporting materials for high-performance perovskite solar cells: molecular engineering and opto-electronic properties. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10057-10063	13	26
119	Thermal-Responsive Phosphorescent Nanoamplifiers Assembled from Two Metallophosphors. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7820-7825	16.4	26
118	Asymmetric mixed-valence complexes that consist of cyclometalated ruthenium and ferrocene: synthesis, characterization, and electronic-coupling studies. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 138-47	4.5	26
117	Strongly coupled cyclometalated ruthenium-triarylamine hybrids: tuning electrochemical properties, intervalence charge transfer, and spin distribution by substituent effects. <i>Chemistry - A European Journal</i> , 2014 , 20, 17466-77	4.8	26
116	Multistate Redox Switching and Near-Infrared Electrochromism Based on a Star-Shaped Triruthenium Complex with a Triarylamine Core. <i>Scientific Reports</i> , 2016 , 6, 35253	4.9	25
115	Tuning of Metal-Metal Interactions in Mixed-Valence States of Cyclometalated Dinuclear Ruthenium and Osmium Complexes Bearing Tetrapyridylpyrazine or -benzene. <i>Organometallics</i> , 2014 , 33, 4893-4904	3.8	25
114	Conformation-determined through-bond versus through-space electronic communication in mixed-valence systems with a cross-conjugated urea bridge. <i>Chemistry - A European Journal</i> , 2015 , 21, 1554-66	4.8	25
113	Tuning the electronic coupling in cyclometalated diruthenium complexes through substituent effects: a correlation between the experimental and calculated results. <i>Chemistry - A European Journal</i> , 2014 , 20, 8702-13	4.8	25
112	A bis(terpyridine)ruthenium complex with three redox-active amine sites: electrochemical, optical, and computational studies. <i>Inorganic Chemistry</i> , 2012 , 51, 11387-95	5.1	25

111	Adaptive reorganization of 2D molecular nanoporous network induced by coadsorbed guest molecule. <i>Langmuir</i> , 2014 , 30, 3034-40	4	24
110	Long-Range Ruthenium-Amine Electronic Communication through the para-Oligophenylene Wire. <i>Scientific Reports</i> , 2015 , 5, 13835	4.9	24
109	Stepwise Coordination Followed by Oxidation Mechanism for the Multichannel Detection of Cu ²⁺ in an Aqueous Environment. <i>Organometallics</i> , 2013 , 32, 7495-7502	3.8	24
108	Temperature-Triggered Chiral Self-Assembly of Achiral Molecules at the Liquid-Solid Interface. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 32004-32010	9.5	23
107	Ruthenium-Amine Conjugated Organometallic Materials for Multistate Near-IR Electrochromism and Information Storage. <i>Chemical Record</i> , 2016 , 16, 754-67	6.6	23
106	Introducing fluorene into organic hole transport materials to improve mobility and photovoltage for perovskite solar cells. <i>Chemical Communications</i> , 2019 , 55, 13406-13409	5.8	23
105	Organic-inorganic mixed-valence systems with strongly-coupled triarylamine and cyclometalated osmium. <i>Chemical Communications</i> , 2014 , 50, 10082-5	5.8	22
104	Multi-center redox-active system: amine-amine electronic coupling through a cyclometalated bisruthenium segment. <i>Inorganic Chemistry</i> , 2013 , 52, 4040-5	5.1	22
103	Monometallic osmium(II) complexes with bis(N-methylbenzimidazolyl)benzene or -pyridine: a comparison study with ruthenium(II) analogues. <i>Inorganic Chemistry</i> , 2013 , 52, 6464-72	5.1	22
102	Resistive memory devices based on a triphenylamine-decorated non-precious cobalt(ii) bis-terpyridine complex. <i>Chemical Communications</i> , 2017 , 53, 11925-11928	5.8	21
101	Achieving near-infrared emission in platinum(II) complexes by using an extended donor-acceptor-type ligand. <i>Dalton Transactions</i> , 2016 , 45, 5071-80	4.3	21
100	Facile Construction of Structurally Defined Porous Membranes from Supramolecular Hexakistriphenylamine Metallacycles through Electropolymerization. <i>Chemistry - A European Journal</i> , 2016 , 22, 5211-8	4.8	20
99	A combined experimental and computational study of linear ruthenium(II) coordination oligomers with end-capping organic redox sites: insight into the light absorption and charge delocalization. <i>Chemistry - A European Journal</i> , 2013 , 19, 12376-87	4.8	20
98	Reductive electropolymerization of bis-tridentate ruthenium complexes with 5,5''-divinyl-4'-tolyl-2,2':6',2''-terpyridine. <i>Dalton Transactions</i> , 2013 , 42, 14125-33	4.3	20
97	Redox-responsive carbometalated ruthenium and osmium complexes. <i>Science China Chemistry</i> , 2017 , 60, 583-590	7.9	20
96	Defect Passivation by a DAD Type Hole-Transporting Interfacial Layer for Efficient and Stable Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2021 , 6, 2030-2037	20.1	20
95	Cyclometalated Osmium-Amine Electronic Communication through the p-Oligophenylene Wire. <i>Inorganic Chemistry</i> , 2015 , 54, 10776-84	5.1	19
94	Single-molecule level control of host-guest interactions in metallocycle-C complexes. <i>Nature Communications</i> , 2019 , 10, 4599	17.4	19

93	Ruthenium-Amine Electronic Coupling Bridged through Phen-1,3-diyl Versus Phen-1,4-diyl: Reverse of the Charge Transfer Direction. <i>Organometallics</i> , 2013 , 32, 4564-4570	3.8	19
92	The synthesis of 2- and 2,7-functionalized pyrene derivatives through Ru(II)-catalyzed C-H activation. <i>Chemical Communications</i> , 2015 , 51, 3411-4	5.8	19
91	Transition from a Metal-Localized Mixed-Valence Compound to a Fully Delocalized and Bridge-Biased Electrophore in a Ruthenium-Amine-Ruthenium Tricenter System. <i>Chemistry - A European Journal</i> , 2016 , 22, 10341-5	4.8	19
90	Propeller-Shaped, Triarylamine-Rich, and Dopant-Free Hole-Transporting Materials for Efficient n-i-p Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 41592-41598	9.5	19
89	Thermo-responsive light-emitting metal complexes and related materials. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3258-3281	6.8	18
88	Near-infrared electrochromism of multilayer films of a cyclometalated diruthenium complex prepared by layer-by-layer deposition on metal oxide substrates. <i>Science China Chemistry</i> , 2019 , 62, 1675-1685	7.9	18
87	Bridged cyclometalated diruthenium complexes for fundamental electron transfer studies and multi-stage redox switching. <i>Dalton Transactions</i> , 2018 , 47, 23-29	4.3	18
86	Amine-Amine Electronic Coupling through a Dibenzo[a,e]pentalene Bridge. <i>Organic Letters</i> , 2016 , 18, 256-9	6.2	17
85	Near-Infrared and Two-Wavelength Electrochromism Based on Nanocrystalline TiO Films Functionalized with Ruthenium-Amine Conjugated Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 8538-8546	5.1	17
84	A Molecular Platform for Multistate Near-Infrared Electrochromism and Flip-Flop, Flip-Flap-Flop, and Ternary Memory. <i>Angewandte Chemie</i> , 2015 , 127, 9324-9329	3.6	17
83	Electrical Loss Management by Molecularly Manipulating Dopant-free Poly(3-hexylthiophene) towards 16.93 % CsPbI Br Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16388-16393	16.4	17
82	In-Situ Electropolymerized Polyamines as Dopant-Free Hole-Transporting Materials for Efficient and Stable Inverted Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2020 , 3, 5058-5066	6.1	16
81	Cyclometalated Ruthenium Complexes of 1,2,3-Triazole-containing Ligands: Synthesis, Structural Studies, and Electronic Properties. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 329-338	4.9	15
80	Regulation of intra- and intermolecular PtPt and π Interactions of a U-shaped diplatinum complex to achieve pseudo-polymorphic emissions in solution and crystalline states. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 7222-7229	7.1	15
79	Cyclometalated Diruthenium Complexes Bridged by 3,3',5,5'-Tetra(pyrid-2-yl)biphenyl: Tuning of Electronic Properties and Intervalence Charge Transfer by Terminal Ligand Effects. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3195-3204	2.3	15
78	Full-Color and White Circularly Polarized Luminescence of Hydrogen-Bonded Ionic Organic Microcrystals. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14595-14600	16.4	15
77	HPO- and Solvent-Induced Polymorphism of an Amide-Functionalized [Pt(N [^] C [^] N)Cl] Complex. <i>Inorganic Chemistry</i> , 2016 , 55, 10143-10151	5.1	15
76	A Two-Dimensional Hole-Transporting Material for High-Performance Perovskite Solar Cells with 20 % Average Efficiency. <i>Angewandte Chemie</i> , 2018 , 130, 11125-11131	3.6	15

75	Enhancing the electronic coupling in a cyclometalated bisruthenium complex by using the 1,3,6,8-tetra(pyridin-2-yl)carbazole bridge. <i>Dalton Transactions</i> , 2013 , 42, 5611-4	4.3	14
74	A Covalent Organic Framework Film for Three-State Near-Infrared Electrochromism and a Molecular Logic Gate. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12498-12503	16.4	14
73	Ruthenium-tris(bipyridine) complexes with multiple redox-active amine substituents: tuning of spin density distribution and deep-red to NIR electrochromism and electrofluorochromism. <i>Dalton Transactions</i> , 2016 , 45, 10136-40	4.3	14
72	Nanocrystalline Sb-doped SnO films modified with cyclometalated ruthenium complexes for two-step electrochromism. <i>Dalton Transactions</i> , 2019 , 48, 2197-2205	4.3	13
71	Multidentate Anchors for Surface Functionalization. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3119-3126	4.5	13
70	Cyclometalated ruthenium oligomers with 2,3-di(2-pyridyl)-5,6-diphenylpyrazine: a combined experimental, computational, and comparison study with noncyclometalated analogous. <i>Inorganic Chemistry</i> , 2012 , 51, 13312-20	5.1	13
69	Conductance Switching and Mechanisms in Single-Molecule Junctions. <i>Angewandte Chemie</i> , 2013 , 125, 8828-8832	3.6	13
68	Handedness-inverted polymorphic helical assembly and circularly polarized luminescence of chiral platinum complexes. <i>Science China Chemistry</i> , 2021 , 64, 788-799	7.9	13
67	Cyclometalated ruthenium(II) complexes with bis(benzimidazolyl)benzene for dye-sensitized solar cells. <i>RSC Advances</i> , 2015 , 5, 90001-90009	3.7	12
66	Triarylamine with branched multi-pyridine groups: modulation of emission properties by structural variation, solvents, and tris(pentafluorophenyl)borane. <i>Science China Chemistry</i> , 2018 , 61, 545-556	7.9	12
65	Bis-Tridentate Ruthenium Complexes with a Redox-Active Amine Substituent: Electrochemical, Spectroscopic, and DFT/TDDFT Studies. <i>Organometallics</i> , 2014 , 33, 4220-4229	3.8	12
64	Substituent and solvent effects on the electrochemical properties and intervalence transfer in asymmetric mixed-valent complexes consisting of cyclometalated ruthenium and ferrocene. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 2843-50	4.5	12
63	Redox-Asymmetric Bisruthenium Complex Bridged by a Pyridin-4-yl Moiety: Synthesis, Characterization, and Electronic Coupling Studies. <i>Organometallics</i> , 2012 , 31, 8577-8583	3.8	12
62	Rhenium Complexes of 2,3-Di(2-pyridyl)-5,6-diphenylpyrazine: Synthesis, Characterization, and Reactivity. <i>Organometallics</i> , 2012 , 31, 1161-1167	3.8	12
61	Electrochromism in Electropolymerized Films of Pyrene-Triphenylamine Derivatives. <i>Polymers</i> , 2019 , 11,	4.5	12
60	Bis-triarylamine with a cyclometalated diosmium bridge: A multi-stage redox-active system. <i>Chinese Chemical Letters</i> , 2015 , 26, 649-652	8.1	11
59	Ruthenium-bis-terpyridine Complex with Two Redox-Asymmetric Amine Substituents: Potential-Controlled Reversal of the Direction of Charge-Transfer. <i>Organometallics</i> , 2014 , 33, 6223-6231	3.8	11
58	Metal chelation-assisted amine-amine electronic coupling through the 4,4'-positions of 2,2'-bipyridine. <i>Inorganic Chemistry</i> , 2015 , 54, 1272-82	5.1	11

57	Metal-Organic Pt(II) Hexagonal-Prism Macrocycles and Their Photophysical Properties. <i>Inorganic Chemistry</i> , 2019 , 58, 13376-13381	5.1	10
56	[Re(CO) ₃ Cl]-chelation-mediated electronic coupling between two amine redox sites through the 5,5'-positions of 2,2'-bipyridine. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 3322-7	4.5	9
55	Anion-regulated electronic communication in a cyclometalated diruthenium complex with a urea bridge. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 8902-8907	3.6	8
54	pH value-dependent electronic absorption and Ru(III/II) potential of bis-tridentate pincer ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2017 , 845, 144-150	2.3	8
53	Synthesis and Characterization of Tris(bidentate) Ruthenium Complexes of Di(pyrid-2-yl)(methyl)amine. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3064-3071	2.3	8
52	Osmium Bisterpyridine Complexes with Redox-Active Amine Substituents: A Comparison Study with Ruthenium Analogues. <i>Inorganic Chemistry</i> , 2015 , 54, 8136-47	5.1	8
51	Urea-bridged diferrocene: structural, electrochemical, and spectroelectrochemical studies. <i>Science China Chemistry</i> , 2015 , 58, 1444-1450	7.9	8
50	Ratiometric detection of amyloid- β aggregation by a dual-emissive tris-heteroleptic ruthenium complex. <i>Chemical Communications</i> , 2020 , 56, 2087-2090	5.8	8
49	Reversible Multichannel Detection of Cu ²⁺ Using an Electropolymerized Film. <i>Electrochimica Acta</i> , 2014 , 130, 748-753	6.7	8
48	Stabilization of a Cyclometalated Ruthenium Sensitizer on Nanocrystalline TiO ₂ by an Electrodeposited Covalent Layer. <i>Inorganic Chemistry</i> , 2019 , 58, 3509-3517	5.1	8
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