## Pi-Tai Chou

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/66666660/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Excimer Formation of Perylene Bisimide Dyes within Stacking-Restrained Folda-Dimers: Insight into Anomalous Temperature Responsive Dual Fluorescence. CCS Chemistry, 2022, 4, 1949-1960.	7.8	15
2	Fabrication of Circularly Polarized MRâ€TADF Emitters with Asymmetrical Peripheralâ€Lock Enhancing Helical B/Nâ€Doped Nanographenes. Advanced Materials, 2022, 34, e2105080.	21.0	112
3	Combined fluorophore and phosphor conjugation: a new design concept for simultaneous and spatially localized dual lifetime intracellular sensing of oxygen and pH. Chemical Communications, 2022, 58, 419-422.	4.1	10
4	Energy Counterbalance to Harness Photoinduced Structural Planarization of Dibenzo[ <i>b,f</i> ]azepines toward Thermal Reversibility. Journal of the American Chemical Society, 2022, 144, 1748-1757.	13.7	15
5	Fabrication of Circularly Polarized MRâ€TADF Emitters with Asymmetrical Peripheralâ€Lock Enhancing Helical B/Nâ€Doped Nanographenes (Adv. Mater. 1/2022). Advanced Materials, 2022, 34, .	21.0	1
6	A new approach exploiting thermally activated delayed fluorescence molecules to optimize solar thermal energy storage. Nature Communications, 2022, 13, 797.	12.8	18
7	Multiple Emission of Phosphonium Fluorophores Harnessed by the Pathways of Photoinduced Counterion Migration. Angewandte Chemie - International Edition, 2022, 61, .	13.8	5
8	Comment on "Metalâ€Free Triplet Phosphors with High Emission Efficiency and High Tunability― Angewandte Chemie - International Edition, 2022, , e202109224.	13.8	1
9	Influence of charge transfer strength on emission bandwidth for multiple-resonance emitters <i>via</i> systematically tuning the acceptor–donor assembly. Journal of Materials Chemistry C, 2022, 10, 7866-7874.	5.5	16
10	Iridium(III) Phosphors–Bearing Functional 9â€Phenylâ€7,9â€dihydroâ€8Hâ€purinâ€8â€ylidene Chelates and B Hyperphosphorescent OLED Devices. Advanced Photonics Research, 2022, 3, .	ue 3.6	23
11	Modulation of Perovskite Grain Boundaries by Electron Donor–Acceptor Zwitterions <i>R</i> , <i>R</i> -Diphenylamino-phenyl-pyridinium-(CH <sub>2</sub> ) <sub><i>n</i></sub> -sulfonates: All-Round Improvement on the Solar Cell Performance. Jacs Au, 2022, 2, 1189-1199.	7.9	8
12	Reducing the internal reorganization energy <i>via</i> symmetry controlled π-electron delocalization. Chemical Science, 2022, 13, 7181-7189.	7.4	14
13	Optically Encodable and Erasable Multilevel Nonvolatile Flexible Memory Device Based on Metal–Organic Frameworks. ACS Applied Materials & Interfaces, 2022, 14, 26895-26903.	8.0	7
14	Cationic Organophosphorus Chromophores: A Diamond in the Rough among Ionic Dyes. Chemistry - A European Journal, 2021, 27, 537-552.	3.3	20
15	Fluorescent Chromophores Containing the Nitro Group: Relatively Unexplored Emissive Properties. ChemPlusChem, 2021, 86, 11-27.	2.8	62
16	Counterion Migration Driven by Light-Induced Intramolecular Charge Transfer. Jacs Au, 2021, 1, 282-293.	7.9	14
17	Through-Space Exciton Delocalization in Segregated HJ-Crystalline Molecular Aggregates. Journal of Physical Chemistry A, 2021, 125, 943-953.	2.5	7
18	Broadening the Horizon of the Bell–Evans–Polanyi Principle towards Optically Triggered Structure Planarization. Angewandte Chemie, 2021, 133, 7281-7288.	2.0	4

#	Article	lF	CITATIONS
19	Curcumin-loaded mesoporous silica nanoparticles with dual-imaging and temperature control inhibits the infection of Zika virus. Microporous and Mesoporous Materials, 2021, 314, 110886.	4.4	11
20	Vertical 2D/3D Heterojunction of Tin Perovskites for Highly Efficient HTM-Free Perovskite Solar Cell. ACS Applied Energy Materials, 2021, 4, 2041-2048.	5.1	26
21	Broadening the Horizon of the Bell–Evans–Polanyi Principle towards Optically Triggered Structure Planarization. Angewandte Chemie - International Edition, 2021, 60, 7205-7212.	13.8	18
22	A Universal Approach for Controllable Synthesis of <i>n</i> pecific Layered 2D Perovskite Nanoplates. Angewandte Chemie - International Edition, 2021, 60, 7866-7872.	13.8	24
23	Rational Tuning of Bis-Tridentate Ir(III) Phosphors to Deep-Blue with High Efficiency and Sub-microsecond Lifetime. ACS Applied Materials & Interfaces, 2021, 13, 15437-15447.	8.0	34
24	A Universal Approach for Controllable Synthesis of n ‧pecific Layered 2D Perovskite Nanoplates. Angewandte Chemie, 2021, 133, 7945-7951.	2.0	6
25	Boost reactivity of tri-iodide reduction electrode by highly faceted octahedral PtNi nanocrystals. Journal of Catalysis, 2021, 396, 297-303.	6.2	5
26	Cyano Derivatives of 7â€Aminoquinoline That Are Highly Emissive in Water: Potential for Sensing Applications. Chemistry - A European Journal, 2021, 27, 8040-8047.	3.3	2
27	A New Molecular Recognition Concept: Multiple Hydrogen Bonds and Their Optically Triggered Proton Transfer in Confined Metal–Organic Frameworks for Superior Sensing Element. ACS Applied Materials & Interfaces, 2021, 13, 22457-22465.	8.0	19
28	New [2,2]Fluorenophanes Give Insights into Asymmetric Charge Transferâ€Mediated Exciton Delocalization along the Ï€â€Ï€ Packing Direction. Chemistry - A European Journal, 2021, 27, 8678-8683.	3.3	3
29	Luminescence of Pyrazinyl Pyrazolate Pt(II) Complexes Fine-Tuned by the Solid-State Stacking Interaction. Energy & Fuels, 2021, 35, 19112-19122.	5.1	11
30	Correlation between Kinetics and Thermodynamics for Excited-State Intramolecular Proton Transfer Reactions. Journal of Physical Chemistry A, 2021, 125, 6611-6620.	2.5	9
31	Chapter Open for the Excited-State Intramolecular Thiol Proton Transfer in the Room-Temperature Solution. Journal of the American Chemical Society, 2021, 143, 12715-12724.	13.7	51
32	The Observation of Interchain Motion in Self-Assembled Crystalline Platinum(II) Complexes: An Exquisite Case but By No Means the Only One in Molecular Solids. Journal of Physical Chemistry Letters, 2021, 12, 7482-7489.	4.6	3
33	Tuning the Circular Dichroism and Circular Polarized Luminescence Intensities of Chiral 2D Hybrid Organic–Inorganic Perovskites through Halogenation of the Organic Ions. Angewandte Chemie - International Edition, 2021, 60, 21434-21440.	13.8	72
34	Functionalizing Collagen with Vesselâ€Penetrating Twoâ€Photon Phosphorescence Probes: A New In Vivo Strategy to Map Oxygen Concentration in Tumor Microenvironment and Tissue Ischemia. Advanced Science, 2021, 8, e2102788.	11.2	5
35	Tuning the Circular Dichroism and Circular Polarized Luminescence Intensities of Chiral 2D Hybrid Organic–Inorganic Perovskites through Halogenation of the Organic Ions. Angewandte Chemie, 2021, 133, 21604-21610.	2.0	13
36	Alloy Nanostructured Catalysts for Cathodic Reactions in Energy Conversion and Fuel Generation. Energy & Fuels, 2021, 35, 18857-18870.	5.1	8

#	Article	IF	CITATIONS
37	Can Nanocavities Significantly Enhance Resonance Energy Transfer in a Single Donor–Acceptor Pair?. Journal of Physical Chemistry C, 2021, 125, 18119-18128.	3.1	21
38	The role of host–guest interactions in organic emitters employing MR-TADF. Nature Photonics, 2021, 15, 780-786.	31.4	118
39	High efficiency green InP quantum dot light-emitting diodes by balancing electron and hole mobility. Communications Materials, 2021, 2, .	6.9	58
40	Lifetime oxygen sensors based on block copolymer micelles and non-covalent human serum albumin adducts bearing phosphorescent near-infrared iridium(III) complex. European Polymer Journal, 2021, 159, 110761.	5.4	6
41	Why triage materials with low luminescence quantum efficiency: the use of 35Cbz4BzCN as a universal host for organic light emitting diodes through effective triplet energy transfer. Journal of Materials Chemistry C, 2021, 9, 2381-2391.	5.5	3
42	Tailoring C-6-Substituted Coumarin Scaffolds for Novel Photophysical Properties and Stimuli-Responsive Chromism. Journal of Physical Chemistry B, 2021, 125, 11557-11565.	2.6	6
43	Probing Electron Excitation Characters of Carboline-Based Bis-Tridentate Ir(III) Complexes. Molecules, 2021, 26, 6048.	3.8	3
44	Diindeno[2,1- <i>b</i> :2′,1′- <i>h</i> ]biphenylenes: Syntheses, Structural Analyses, and Properties. Organic Letters, 2021, 23, 8794-8798.	4.6	5
45	Orthogonal carbazole-perylene bisimide pentad: a photoconversion-tunable photosensitizer with diversified excitation and excited-state relaxation pathways. Science China Chemistry, 2021, 64, 2193-2202.	8.2	12
46	Homoleptic Ir(III) Phosphors with 2-Phenyl-1,2,4-triazol-3-ylidene Chelates for Efficient Blue Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2021, 13, 59023-59034.	8.0	23
47	Unveiling the structural features of nonnative trimers of human superoxide dismutase 1. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129483.	2.4	5
48	Harnessing a New Co-Host System and Low Concentration of New TADF Emitters Equipped with Trifluoromethyl- and Cyano-Substituted Benzene as Core for High-Efficiency Blue OLEDs. ACS Applied Materials & Interfaces, 2020, 12, 2724-2732.	8.0	23
49	Roles of Ancillary Chelates and Overall Charges of Bis-tridentate Ir(III) Phosphors for OLED Applications. ACS Applied Materials & amp; Interfaces, 2020, 12, 1084-1093.	8.0	31
50	Thermal and angular dependence of nextâ€generation photovoltaics under indoor lighting. Progress in Photovoltaics: Research and Applications, 2020, 28, 111-121.	8.1	13
51	Diversified Excitedâ€State Relaxation Pathways of Donor–Linker–Acceptor Dyads Controlled by a Bentâ€ŧoâ€Planar Motion of the Donor. Angewandte Chemie, 2020, 132, 18770-18777.	2.0	2
52	[2,2](5,8)Picenophanedienes: Syntheses, Structural Analyses, Molecular Dynamics, and Reversible Intramolecular Structure Conversion. Journal of the American Chemical Society, 2020, 142, 20351-20358.	13.7	12
53	Interlayer Charge Transfer Coupled with Acoustic Phonon in Organic/Inorganic van der Waals Stacked Heterostructures: Self-Assembled Pt(II) Complex on a PtSe <sub>2</sub> Monolayer. Journal of Physical Chemistry C, 2020, 124, 25538-25546.	3.1	3
54	Could Chemical Reaction at the Molecular Level Show Distinction between Two Liquid-Water States? Study of the Excited-State Water-Catalyzed Proton Transfer Reaction Provides a Clue. Journal of Physical Chemistry Letters, 2020, 11, 9468-9475.	4.6	6

#	Article	IF	CITATIONS
55	Excited-state intramolecular proton transfer in the kinetic-control regime. Physical Chemistry Chemical Physics, 2020, 22, 22271-22278.	2.8	42
56	The distinct O2 quenching mechanism between fluorescence and phosphorescence for dyes adsorbed on silica gel. Physical Chemistry Chemical Physics, 2020, 22, 27144-27156.	2.8	5
57	New exciplex systems composed of triazatruxene donors and N-heteroarene-cored acceptors. Materials Chemistry Frontiers, 2020, 4, 2029-2039.	5.9	25
58	Fluorescence Probes Exhibit Photoinduced Structural Planarization: Sensing In Vitro and In Vivo Microscopic Dynamics of Viscosity Free from Polarity Interference. ACS Chemical Biology, 2020, 15, 1862-1873.	3.4	28
59	Highly Efficient Nearâ€Infrared Electroluminescence up to 800 nm Using Platinum(II) Phosphors. Advanced Functional Materials, 2020, 30, 2002173.	14.9	57
60	Versatile Pt(II) Pyrazolate Complexes: Emission Tuning via Interplay of Chelate Designs and Stacking Assemblies. ACS Applied Materials & Interfaces, 2020, 12, 16679-16690.	8.0	22
61	Insights into energy transfer pathways between the exciplex host and fluorescent guest: attaining highly efficient 710 nm electroluminescence. Journal of Materials Chemistry C, 2020, 8, 5704-5714.	5.5	15
62	Tuning Electronâ€Withdrawing Strength on Phenothiazine Derivatives: Achieving 100 % Photoluminescence Quantum Yield by NO <sub>2</sub> Substitution. Chemistry - A European Journal, 2020, 26, 7124-7130.	3.3	25
63	Highly Emissive Dinuclear Platinum(III) Complexes. Journal of the American Chemical Society, 2020, 142, 7469-7479.	13.7	76
64	Overcoming the energy gap law in near-infrared OLEDs by exciton–vibration decoupling. Nature Photonics, 2020, 14, 570-577.	31.4	237
65	Diversified Excitedâ€State Relaxation Pathways of Donor–Linker–Acceptor Dyads Controlled by a Bentâ€ŧoâ€Planar Motion of the Donor. Angewandte Chemie - International Edition, 2020, 59, 18611-18618.	13.8	20
66	Perylene Bisimide and Naphthylâ€Based Molecular Dyads: Hydrogen Bonds Driving Coâ€planarization and Anomalous Temperatureâ€Response Fluorescence. Angewandte Chemie, 2020, 132, 8657-8663.	2.0	4
67	Methoxy substituents activated carbazole-based boron dimesityl TADF emitters. Journal of Materials Chemistry C, 2020, 8, 4780-4788.	5.5	28
68	Perylene Bisimide and Naphthylâ€Based Molecular Dyads: Hydrogen Bonds Driving Coâ€planarization and Anomalous Temperatureâ€Response Fluorescence. Angewandte Chemie - International Edition, 2020, 59, 8579-8585.	13.8	27
69	Control of π–π stacking in carbazole-benzimidazoã€^1,2-‹i>f‹/i>〉phenanthridines: the design of electron-transporting bipolar hosts for phosphorescent organic light-emitting diodes. Journal of Materials Chemistry C, 2020, 8, 3571-3579.	5.5	12
70	Delayed Charge Recombination by Openâ€Shell Organics: Its Application in Achieving Superb Photodetectors with Broadband (400–1160 nm) Ultrahigh Sensitivity and Stability. Advanced Optical Materials, 2020, 8, 1902179.	7.3	7
71	Validated Analysis of Component Distribution Inside Perovskite Solar Cells and Its Utility in Unveiling Factors of Device Performance and Degradation. ACS Applied Materials & amp; Interfaces, 2020, 12, 22730-22740.	8.0	20
72	Exploiting racemism enhanced organic room-temperature phosphorescence to demonstrate Wallach's rule in the lighting chiral chromophores. Nature Communications, 2020, 11, 2145.	12.8	70

#	Article	IF	CITATIONS
73	How an Eight-Membered Ring Alters the Rhodamine Chromophore. Journal of Organic Chemistry, 2020, 85, 5973-5980.	3.2	0
74	Toward the Rational Design of Universal Dual Polarity Matrix for MALDI Mass Spectrometry. Analytical Chemistry, 2020, 92, 7139-7145.	6.5	19
75	Superior Stability and Emission Quantum Yield (23% ± 3%) of Single‣ayer 2D Tin Perovskite TEA <sub>2</sub> SnI <sub>4</sub> via Thiocyanate Passivation. Small, 2020, 16, e2000903.	10.0	19
76	Low-toxicity FePt nanoparticles for the targeted and enhanced diagnosis of breast tumors using few centimeters deep whole-body photoacoustic imaging. Photoacoustics, 2020, 19, 100179.	7.8	15
77	A Facile Molecular Machine: Optically Triggered Counterion Migration by Charge Transfer of Linear Donorâ€i€â€Acceptor Phosphonium Fluorophores. Angewandte Chemie, 2019, 131, 13590-13599.	2.0	9
78	A Facile Molecular Machine: Optically Triggered Counterion Migration by Charge Transfer of Linear Donorâ∉i€â€Acceptor Phosphonium Fluorophores. Angewandte Chemie - International Edition, 2019, 58, 13456-13465.	13.8	47
79	Phenothiazine Scope: Steric Strain Induced Planarization and Excimer Formation. Angewandte Chemie, 2019, 131, 13431-13435.	2.0	12
80	Phenothiazine Scope: Steric Strain Induced Planarization and Excimer Formation. Angewandte Chemie - International Edition, 2019, 58, 13297-13301.	13.8	40
81	Bending-Type Electron Donor–Donor–Acceptor Triad: Dual Excited-State Charge-Transfer Coupled Structural Relaxation. Chemistry of Materials, 2019, 31, 5981-5992.	6.7	55
82	Monoâ€Heteroatom Substitution for Harnessing Excitedâ€State Structural Planarization of Dihydrodibenzo[ a,c ]phenazines. Chemistry - A European Journal, 2019, 25, 16755-16764.	3.3	13
83	Catalyticâ€Type Excitedâ€State Nâ^'H Protonâ€Transfer Reaction in 7â€Aminoquinoline and Its Derivatives. Chemistry - A European Journal, 2019, 25, 14972-14982.	3.3	13
84	Near-Infrared Emission Induced by Shortened Pt–Pt Contact: Diplatinum(II) Complexes with Pyridyl Pyrimidinato Cyclometalates. Inorganic Chemistry, 2019, 58, 13892-13901.	4.0	40
85	Ratiometric Tuning of Luminescence: Interplay between the Locally Excited and Interligand Charge-Transfer States in Pyrazolate-Based Boron Compounds. Journal of Physical Chemistry C, 2019, 123, 4022-4028.	3.1	19
86	Mechanochromism induced through the interplay between excimer reaction and excited state intramolecular proton transfer. Communications Chemistry, 2019, 2, .	4.5	28
87	Harnessing Dielectric Confinement on Tin Perovskites to Achieve Emission Quantum Yield up to 21%. Journal of the American Chemical Society, 2019, 141, 10324-10330.	13.7	76
88	Polystyrene with Persistently Enhanced Fluorescence: Photoâ€Induced Atom Transfer Radical Polymerization Using a Pyreneâ€Based Initiator. ChemPhotoChem, 2019, 3, 1153-1161.	3.0	3
89	Sulfur-Based Intramolecular Hydrogen-Bond: Excited-State Hydrogen-Bond On/Off Switch with Dual Room-Temperature Phosphorescence. Journal of the American Chemical Society, 2019, 141, 9885-9894.	13.7	81
90	Cross-linkable hole transporting layers boost operational stability of high-performance quantum dot light-emitting device. Organic Electronics, 2019, 71, 206-211.	2.6	13

#	Article	IF	CITATIONS
91	Functional Pyrimidinyl Pyrazolate Pt(II) Complexes: Role of Nitrogen Atom in Tuning the Solidâ€State Stacking and Photophysics. Advanced Functional Materials, 2019, 29, 1900923.	14.9	56
92	Enhancing the Catalytic Activity of Tri-iodide Reduction by Tuning the Surface Electronic Structure of PtPd Alloy Nanocrystals. Journal of Physical Chemistry C, 2019, 123, 12722-12729.	3.1	7
93	Designed Conformation and Fluorescence Properties of Self-Assembled Phenazine-Cored Platinum(II) Metallacycles. Journal of the American Chemical Society, 2019, 141, 5535-5543.	13.7	73
94	In vivo imaging of insulinâ€secreting human pancreatic ductal cells using MRI reporter gene technique: A feasibility study. Magnetic Resonance in Medicine, 2019, 82, 763-774.	3.0	7
95	Low Internal Reorganization Energy of the Metal–Metal-to-Ligand Charge Transfer Emission in Dimeric Pt(II) Complexes. Journal of Physical Chemistry C, 2019, 123, 10225-10236.	3.1	36
96	Diindenoâ€Fused Dibenzo[ a , h ]anthracene and Dibenzo[ c , l ]chrysene: Syntheses, Structural Analyses, and Properties. Chemistry - A European Journal, 2019, 25, 7280-7284.	3.3	6
97	Intramolecular Phosphacyclization: Polyaromatic Phosphonium Pâ€Heterocycles with Wideâ€Tuning Optical Properties. Chemistry - A European Journal, 2019, 25, 6332-6341.	3.3	38
98	Reactions of Cyclometalated Platinum(II) [Pt(N <sup>â^§</sup> C)(PR <sub>3</sub> )Cl] Complexes with Imidazole and Imidazole-Containing Biomolecules: Fine-Tuning of Reactivity and Photophysical Properties via Ligand Design. Inorganic Chemistry, 2019, 58, 204-217.	4.0	26
99	The Cyclic Hydrogenâ€Bonded 6â€Azaindole Trimer and its Prominent Excitedâ€State Tripleâ€Protonâ€Transfer Reaction. Angewandte Chemie - International Edition, 2018, 57, 5020-5024.	13.8	11
100	Excited-State Proton Transfer in 3-Cyano-7-azaindole: From Aqueous Solution to Ice. Journal of Physical Chemistry A, 2018, 122, 2479-2484.	2.5	8
101	Luminescent Diiridium Complexes with Bridging Pyrazolates: Characterization and Fabrication of OLEDs Using Vacuum Thermal Deposition. Advanced Optical Materials, 2018, 6, 1800083.	7.3	34
102	Syntheses and Excitedâ€State Intramolecular Proton Transfer of 3â€Hydroxythioflavone and Its Sulfone Analogue. ChemPhotoChem, 2018, 2, 475-480.	3.0	16
103	The Cyclic Hydrogenâ€Bonded 6â€Azaindole Trimer and its Prominent Excitedâ€State Tripleâ€Protonâ€Transfer Reaction. Angewandte Chemie, 2018, 130, 5114-5118.	2.0	3
104	Solar Cells: PtCoFe Nanowire Cathodes Boost Short ircuit Currents of Ru(II)â€Based Dyeâ€Sensitized Solar Cells to a Power Conversion Efficiency of 12.29% (Adv. Funct. Mater. 3/2018). Advanced Functional Materials, 2018, 28, 1870020.	14.9	0
105	Unveiling the water-associated conformational mobility in the active site of ascorbate peroxidase. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 451-459.	2.4	5
106	Strongly Coupled Tinâ€Halide Perovskites to Modulate Light Emission: Tunable 550–640 nm Light Emission (FWHM 36–80 nm) with a Quantum Yield of up to 6.4%. Advanced Materials, 2018, 30, e1706592.	21.0	51
107	Optically Triggered Planarization of Boryl-Substituted Phenoxazine: Another Horizon of TADF Molecules and High-Performance OLEDs. ACS Applied Materials & Interfaces, 2018, 10, 12886-12896.	8.0	75
108	PtCoFe Nanowire Cathodes Boost Shortâ€Circuit Currents of Ru(II)â€Based Dyeâ€Sensitized Solar Cells to a Power Conversion Efficiency of 12.29%. Advanced Functional Materials, 2018, 28, 1703282.	14.9	55

#	Article	IF	CITATIONS
109	Engineered core–shell magnetic nanoparticle for MR dual-modal tracking and safe magnetic manipulation of ependymal cells in live rodents. Nanotechnology, 2018, 29, 015102.	2.6	5
110	The influence of tetraphenylethylene moieties on the emissive properties of dipyrrolonaphthyridinediones. Journal of Materials Chemistry C, 2018, 6, 12306-12313.	5.5	7
111	Dendrimer- and copolymer-based nanoparticles for magnetic resonance cancer theranostics. Theranostics, 2018, 8, 6322-6349.	10.0	76
112	5,14-Diaryldiindeno[2,1- <i>f</i> :1′,2′ <i>-j</i> ]picene: A New Stable [7]Helicene with a Partial Biradical Character. Journal of the American Chemical Society, 2018, 140, 14357-14366.	13.7	81
113	Detecting Glucose Levels in Blood Plasma and Artificial Tear by Au(I) Complex on the Carbopol Polymer: A Microfluidic Paper-Based Method. Polymers, 2018, 10, 1001.	4.5	11
114	Correlation among Hydrogen Bond, Excited-State Intramolecular Proton-Transfer Kinetics and Thermodynamics for â^'OH Type Proton-Donor Molecules. Journal of Physical Chemistry C, 2018, 122, 21833-21840.	3.1	49
115	The azatryptophan-based fluorescent platform for in vitro rapid screening of inhibitors disrupting IKKβ-NEMO interaction. Bioorganic Chemistry, 2018, 81, 504-511.	4.1	4
116	Blue-emitting bis-tridentate Ir( <scp>iii</scp> ) phosphors: OLED performances <i>vs.</i> substituent effects. Journal of Materials Chemistry C, 2018, 6, 10486-10496.	5.5	20
117	Isomeric spiro-[acridine-9,9′-fluorene]-2,6-dipyridylpyrimidine based TADF emitters: insights into photophysical behaviors and OLED performances. Journal of Materials Chemistry C, 2018, 6, 10088-10100.	5.5	46
118	A silver metal complex as a luminescent probe for enzymatic sensing of glucose in blood plasma and urine. Dalton Transactions, 2018, 47, 8346-8355.	3.3	14
119	Metalated Ir(III) Complexes Based on the Luminescent Diimine Ligands: Synthesis and Photophysical Study. Inorganic Chemistry, 2018, 57, 6853-6864.	4.0	16
120	Revisiting Dual Intramolecular Charge-Transfer Fluorescence of Phenothiazine-triphenyltriazine Derivatives. Journal of Physical Chemistry C, 2018, 122, 12215-12221.	3.1	51
121	Iridium(III) Complexes Bearing Tridentate Chromophoric Chelate: Phosphorescence Fine-Tuned by Phosphine and Hydride Ancillary. Inorganic Chemistry, 2018, 57, 8287-8298.	4.0	21
122	Amino proton donors in excited-state intramolecular proton-transfer reactions. Nature Reviews Chemistry, 2018, 2, 131-143.	30.2	151
123	Bisâ€Tridentate Iridium(III) Phosphors with Very High Photostability and Fabrication of Blueâ€Emitting OLEDs. Advanced Science, 2018, 5, 1800846.	11.2	75
124	Probe exciplex structure of highly efficient thermally activated delayed fluorescence organic light emitting diodes. Nature Communications, 2018, 9, 3111.	12.8	112
125	Tuning the Conformation and Color of Conjugated Polyheterocyclic Skeletons by Installing <i>ortho</i> â€Methyl Groups. Angewandte Chemie, 2018, 130, 10028-10032.	2.0	17
126	Water-soluble cyclometalated platinum( <scp>ii</scp> ) and iridium( <scp>iii</scp> ) complexes: synthesis, tuning of the photophysical properties, and <i>in vitro</i> and <i>in vivo</i> phosphorescence lifetime imaging. RSC Advances, 2018, 8, 17224-17236.	3.6	28

#	Article	IF	CITATIONS
127	Improvement of the Photophysical Performance of Platinum yclometalated Complexes in Halogenâ€Bonded Adducts. Chemistry - A European Journal, 2018, 24, 11475-11484.	3.3	39
128	Tuning the Conformation and Color of Conjugated Polyheterocyclic Skeletons by Installing <i>ortho</i> â€Methyl Groups. Angewandte Chemie - International Edition, 2018, 57, 9880-9884.	13.8	77
129	Snapshotting the Excited-State Planarization of Chemically Locked <i>N</i> , <i>N</i> ′-Disubstituted Dihydrodibenzo[ <i>a</i> , <i>c</i> ]phenazines. Journal of the American Chemical Society, 2017, 139, 1636-1644.	13.7	124
130	Efficient thermally activated delayed fluorescence of functional phenylpyridinato boron complexes and high performance organic light-emitting diodes. Journal of Materials Chemistry C, 2017, 5, 1452-1462.	5.5	65
131	Silver Alkynyl-Phosphine Clusters: An Electronic Effect of the Alkynes Defines Structural Diversity. Organometallics, 2017, 36, 480-489.	2.3	27
132	Room-temperature phosphorescence from small organic systems containing a thiocarbonyl moiety. Physical Chemistry Chemical Physics, 2017, 19, 8896-8901.	2.8	17
133	The Excited-State Triple Proton Transfer Reaction of 2,6-Diazaindoles and 2,6-Diazatryptophan in Aqueous Solution. Journal of the American Chemical Society, 2017, 139, 6396-6402.	13.7	47
134	Mesoporous Silica Promoted Deposition of Bioinspired Polydopamine onto Contrast Agent: A Universal Strategy to Achieve Both Biocompatibility and Multiple Scale Molecular Imaging. Particle and Particle Systems Characterization, 2017, 34, 1600415.	2.3	13
135	Cyclometalated Platinum(II) Cyanometallates: Luminescent Blocks for Coordination Self-Assembly. Inorganic Chemistry, 2017, 56, 4459-4467.	4.0	31
136	Networking hole and electron hopping paths by Y-shaped host molecules: promoting blue phosphorescent organic light emitting diodes. Journal of Materials Chemistry C, 2017, 5, 3600-3608.	5.5	12
137	Functional Pyrimidineâ€Based Thermally Activated Delay Fluorescence Emitters: Photophysics, Mechanochromism, and Fabrication of Organic Lightâ€Emitting Diodes. Chemistry - A European Journal, 2017, 23, 2858-2866.	3.3	75
138	A study of the competitive multiple hydrogen bonding effect and its associated excited-state proton transfer tautomerism. Physical Chemistry Chemical Physics, 2017, 19, 28641-28646.	2.8	19
139	The Quest of Excitedâ€State Intramolecular Proton Transfer via Eightâ€Membered Ring Ï€â€Conjugated Hydrogen Bonding System. Chemistry - an Asian Journal, 2017, 12, 3010-3015.	3.3	7
140	Breaking the Kasha Rule for More Efficient Photochemistry. Chemical Reviews, 2017, 117, 13353-13381.	47.7	285
141	Anomalously Long-Lasting Blue PhOLED Featuring Phenyl-Pyrimidine Cyclometalated Iridium Emitter. CheM, 2017, 3, 461-476.	11.7	76
142	Copper-mediated phospha-annulation to attain water-soluble polycyclic luminophores. Chemical Communications, 2017, 53, 10954-10957.	4.1	21
143	First N-Borylated Emitters Displaying Highly Efficient Thermally Activated Delayed Fluorescence and High-Performance OLEDs. ACS Applied Materials & Interfaces, 2017, 9, 27090-27101.	8.0	54
144	Sky Blue-Emitting Iridium(III) Complexes Bearing Nonplanar Tetradentate Chromophore and Bidentate Ancillary. Inorganic Chemistry, 2017, 56, 10054-10060.	4.0	28

#	Article	IF	CITATIONS
145	Engineering of Single Magnetic Particle Carrier for Living Brain Cell Imaging: A Tunable T <sub>1</sub> -/T <sub>2</sub> -/Dual-Modal Contrast Agent for Magnetic Resonance Imaging Application. Chemistry of Materials, 2017, 29, 4411-4417.	6.7	34
146	Entropy-based time-varying window width selection for nonlinear-type time–frequency analysis. International Journal of Data Science and Analytics, 2017, 3, 231-245.	4.1	32
147	Near-infrared organic light-emitting diodes with very high external quantum efficiency and radiance. Nature Photonics, 2017, 11, 63-68.	31.4	494
148	Effective heating of magnetic nanoparticle aggregates for in vivo nano-theranostic hyperthermia. International Journal of Nanomedicine, 2017, Volume 12, 6273-6287.	6.7	31
149	Unprecedented Homoleptic Bisâ€Tridentate Iridium(III) Phosphors: Facile, Scaledâ€Up Production, and Superior Chemical Stability. Advanced Functional Materials, 2017, 27, 1702856.	14.9	53
150	Bisâ€Tridentate Ir(III) Complexes with Nearly Unitary RGB Phosphorescence and Organic Lightâ€Emitting Diodes with External Quantum Efficiency Exceeding 31%. Advanced Materials, 2016, 28, 2795-2800.	21.0	247
151	Dinaphthozethrene and Diindenozethrene: Synthesis, Structural Analysis, and Properties. Organic Letters, 2016, 18, 1868-1871.	4.6	14
152	Insight into the mechanism and outcoupling enhancement of excimer-associated white light generation. Chemical Science, 2016, 7, 3556-3563.	7.4	108
153	Ambipolar Phosphine Derivatives to Attain True Blue OLEDs with 6.5% EQE. ACS Applied Materials & Interfaces, 2016, 8, 10968-10976.	8.0	32
154	Ethylene glycol modified 2-(2′-aminophenyl)benzothiazoles at the amino site: the excited-state N-H proton transfer reactions in aqueous solution, micelles and potential application in live-cell imaging. Methods and Applications in Fluorescence, 2016, 4, 014004.	2.3	3
155	The In Situ Tryptophan Analogue Probes the Conformational Dynamics in Asparaginase Isozymes. Biophysical Journal, 2016, 110, 1732-1743.	0.5	12
156	A Versatile Theranostic Delivery Platform Integrating Magnetic Resonance Imaging/Computed Tomography, pH/ <i>cis</i> -Diol Controlled Release, and Targeted Therapy. ACS Nano, 2016, 10, 5809-5822.	14.6	49
157	Highly Twisted Dianchoring Dâ^ï€â€"A Sensitizers for Efficient Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 27832-27842.	8.0	29
158	Probing the polarity and water environment at the protein-peptide binding interface using tryptophan analogues. Biochemistry and Biophysics Reports, 2016, 7, 113-118.	1.3	10
159	A new class of N–H excited-state intramolecular proton transfer (ESIPT) molecules bearing localized zwitterionic tautomers. Physical Chemistry Chemical Physics, 2016, 18, 24428-24436.	2.8	56
160	Room temperature blue phosphorescence: a combined experimental and theoretical study on the bis-tridentate lr( <scp>iii</scp> ) metal complexes. Dalton Transactions, 2016, 45, 15364-15373.	3.3	51
161	Nâ°'Hâ€Type Excitedâ€State Proton Transfer in Compounds Possessing a Sevenâ€Memberedâ€Ring Intramolecu Hydrogen Bond. Chemistry - A European Journal, 2016, 22, 14688-14695.	lar <sub>3.3</sub>	37
162	Triboluminescence and Metal Phosphor for Organic Light-Emitting Diodes: Functional Pt(II) Complexes with Both 2-Pyridylimidazol-2-ylidene and Bipyrazolate Chelates. ACS Applied Materials & Interfaces, 2016, 8, 33888-33898.	8.0	48

#	Article	IF	CITATIONS
163	Phenazineâ€Based Ratiometric Hg <sup>2+</sup> Probes with Wellâ€Resolved Dual Emissions: A New Sensing Mechanism by Vibrationâ€Induced Emission (VIE). Small, 2016, 12, 6542-6546.	10.0	55
164	Control of the Reversibility of Excited-State Intramolecular Proton Transfer (ESIPT) Reaction: Host-Polarity Tuning White Organic Light Emitting Diode on a New Thiazolo[5,4- <i>d</i> ]thiazole ESIPT System. Chemistry of Materials, 2016, 28, 8815-8824.	6.7	171
165	Pyridyl Pyrrolide Boron Complexes: The Facile Generation of Thermally Activated Delayed Fluorescence and Preparation of Organic Lightâ€Emitting Diodes. Angewandte Chemie, 2016, 128, 3069-3073.	2.0	32
166	Harnessing Fluorescence versus Phosphorescence Ratio via Ancillary Ligand Fine-Tuned MLCT Contribution. Journal of Physical Chemistry C, 2016, 120, 12196-12206.	3.1	25
167	Platinum(II)â€Mediated Double Coupling of 2,3â€Diphenylmaleimidine with Nitrile Functionalities To Give Annulated Pentaazanonatetraenate (PANT) Systems. European Journal of Inorganic Chemistry, 2016, 2016, 1480-1487.	2.0	6
168	Effects of amorphous poly(3â€hexylthiophene) on activeâ€layer structure and solar cells performance. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 975-985.	2.1	6
169	Pyridyl Pyrrolide Boron Complexes: The Facile Generation of Thermally Activated Delayed Fluorescence and Preparation of Organic Lightâ€Emitting Diodes. Angewandte Chemie - International Edition, 2016, 55, 3017-3021.	13.8	166
170	Chemical design of nanoprobes for T1-weighted magnetic resonance imaging. Materials Today, 2016, 19, 336-348.	14.2	67
171	Tri-iodide Reduction Activity of Shape- and Composition-Controlled PtFe Nanostructures as Counter Electrodes in Dye-Sensitized Solar Cells. Chemistry of Materials, 2016, 28, 2110-2119.	6.7	51
172	Insight into the Amino-Type Excited-State Intramolecular Proton Transfer Cycle Using N-Tosyl Derivatives of 2-(2′-Aminophenyl)benzothiazole. Journal of Physical Chemistry A, 2016, 120, 1020-1028.	2.5	45
173	Luminescent Triphosphine Cyanide d <sup>10</sup> Metal Complexes. Inorganic Chemistry, 2016, 55, 2174-2184.	4.0	44
174	Balance the Carrier Mobility To Achieve High Performance Exciplex OLED Using a Triazine-Based Acceptor. ACS Applied Materials & Interfaces, 2016, 8, 4811-4818.	8.0	173
175	Orthogonally Substituted Benzimidazole-Carbazole Benzene As Universal Hosts for Phosphorescent Organic Light-Emitting Diodes. Organic Letters, 2016, 18, 672-675.	4.6	78
176	Infrared-active quadruple contrast FePt nanoparticles for multiple scale molecular imaging. Biomaterials, 2016, 85, 54-64.	11.4	26
177	Excited-state intramolecular proton-transfer reaction demonstrating anti-Kasha behavior. Chemical Science, 2016, 7, 655-665.	7.4	115
178	On the Dual Phosphorescence of Xanthone and Chromone in Glassy Hydrocarbon Hosts. Photochemistry and Photobiology, 2015, 91, 576-585.	2.5	5
179	Halogen Bonding to Amplify Luminescence: A Case Study Using a Platinum Cyclometalated Complex. Angewandte Chemie - International Edition, 2015, 54, 14057-14060.	13.8	98
180	Probing Water Environment of Trp59 in Ribonuclease T1: Insight of the Structure–Water Network Relationship. Journal of Physical Chemistry B, 2015, 119, 2157-2167.	2.6	19

#	Article	IF	CITATIONS
181	Photoinduced Proton Transfer in Chemistry and Biology. Journal of Physical Chemistry B, 2015, 119, 2089-2089.	2.6	40
182	Zethrene and Dibenzozethrene: Masked Biradical Molecules?. Angewandte Chemie - International Edition, 2015, 54, 3069-3073.	13.8	29
183	Zethrene and Dibenzozethrene: Masked Biradical Molecules?. Angewandte Chemie, 2015, 127, 3112-3116.	2.0	11
184	Excited-State Conformational/Electronic Responses of Saddle-Shaped <i>N</i> , <i>N</i> ′-Disubstituted-Dihydrodibenzo[ <i>a</i> , <i>c</i> ]phenazines: Wide-Tuning Emission from Red to Deep Blue and White Light Combination. Journal of the American Chemical Society, 2015, 137, 8509-8520.	13.7	264
185	Imaging Endogenous Bilirubins with Two-Photon Fluorescence of Bilirubin Dimers. Analytical Chemistry, 2015, 87, 7575-7582.	6.5	25
186	Heteroleptic Ir( <scp>iii</scp> ) phosphors with bis-tridentate chelating architecture for high efficiency OLEDs. Journal of Materials Chemistry C, 2015, 3, 3460-3471.	5.5	55
187	Molecular engineering of D-A-Ï€-A dyes with 2-(1,1-dicyanomethylene)rhodanine as an electron-accepting and anchoring group for dye-sensitized solar cells. Electrochimica Acta, 2015, 179, 179-186.	5.2	31
188	Shape-Dependent Light Harvesting of 3D Gold Nanocrystals on Bulk Heterojunction Solar Cells: Plasmonic or Optical Scattering Effect?. Journal of Physical Chemistry C, 2015, 119, 7554-7564.	3.1	36
189	Harnessing Excited-State Intramolecular Proton-Transfer Reaction via a Series of Amino-Type Hydrogen-Bonding Molecules. Journal of Physical Chemistry Letters, 2015, 6, 1477-1486.	4.6	200
190	Pt(II) Metal Complexes Tailored with a Newly Designed Spiro-Arranged Tetradentate Ligand; Harnessing of Charge-Transfer Phosphorescence and Fabrication of Sky Blue and White OLEDs. Inorganic Chemistry, 2015, 54, 4029-4038.	4.0	87
191	Fluorescence depletion properties of insulin–gold nanoclusters. Biomedical Optics Express, 2015, 6, 3066.	2.9	11
192	Interplay of Molecular Orientation, Film Formation, and Optoelectronic Properties on Isoindigo- and Thienoisoindigo-Based Copolymers for Organic Field Effect Transistor and Organic Photovoltaic Applications. Chemistry of Materials, 2015, 27, 6837-6847.	6.7	60
193	Imaging of Proteins in Tissue Samples Using Nanospray Desorption Electrospray Ionization Mass Spectrometry. Analytical Chemistry, 2015, 87, 11171-11175.	6.5	101
194	Optically Triggered Stepwise Double-Proton Transfer in an Intramolecular Proton Relay: A Case Study of 1,8-Dihydroxy-2-naphthaldehyde. Journal of the American Chemical Society, 2015, 137, 14349-14357.	13.7	145
195	A new class of N–H proton transfer molecules: wide tautomer emission tuning from 590 nm to 770 nm via a facile, single site amino derivatization in 10-aminobenzo[h]quinoline. Chemical Communications, 2015, 51, 16099-16102.	4.1	76
196	One-Pot Dichotomous Construction of Inside-Azayohimban and Pro-Azayohimban Systems via an Enantioselective Organocatalytic Cascade; Their Use as a Model to Probe the (Aza-)Indole Local Solvent Environment. Organic Letters, 2015, 17, 5816-5819.	4.6	14
197	One-step synthesis of degradable T <sub>1</sub> -FeOOH functionalized hollow mesoporous silica nanocomposites from mesoporous silica spheres. Nanoscale, 2015, 7, 2676-2687.	5.6	43
198	Water-Catalyzed Excited-State Proton-Transfer Reactions in 7-Azaindole and Its Analogues. Journal of Physical Chemistry B, 2015, 119, 2302-2309.	2.6	51

#	Article	IF	CITATIONS
199	A silole copolymer containing a ladder-type heptacylic arene and naphthobisoxadiazole moieties for highly efficient polymer solar cells. Energy and Environmental Science, 2015, 8, 552-557.	30.8	61
200	A new insight into the chemistry of iridium( <scp>iii</scp> ) complexes bearing phenyl phenylphosphonite cyclometalate and chelating pyridyl triazolate: the excited-state proton transfer tautomerism via an inter-ligand PO–Hâ<īN hydrogen bond. Dalton Transactions, 2015, 44, 8406-8418.	3.3	10
201	A New Series of Fluorescent Indicators for Super Acids. Photochemistry and Photobiology, 2015, 91, 654-659.	2.5	3
202	Thermodynamic vs. kinetic control of excited-state proton transfer reactions. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2015, 22, 1-18.	11.6	180
203	Enhanced Plasmonic Resonance Energy Transfer in Mesoporous Silica-Encased Gold Nanorod for Two-Photon-Activated Photodynamic Therapy. Theranostics, 2014, 4, 798-807.	10.0	74
204	Semi-quantitative assessment of the intersystem crossing rate: an extension of the El-Sayed rule to the emissive transition metal complexes. Physical Chemistry Chemical Physics, 2014, 16, 26184-26192.	2.8	108
205	Multifunctional silica-coated iron oxide nanoparticles: a facile four-in-one system for in situ study of neural stem cell harvesting. Faraday Discussions, 2014, 175, 13-26.	3.2	24
206	Tetragold(I) Complexes: Solution Isomerization and Tunable Solid-State Luminescence. Inorganic Chemistry, 2014, 53, 12720-12731.	4.0	45
207	Strategic Design of Three-Dimensional (3D) Urchin-Like Pt–Ni Nanoalloys: How This Unique Nanostructure Boosts the Bulk Heterojunction Polymer Solar Cells Efficiency to 8.48%. Chemistry of Materials, 2014, 26, 7029-7038.	6.7	13
208	New six- and seven-membered ring pyrrole–pyridine hydrogen bond systems undergoing excited-state intramolecular proton transfer. Chemical Communications, 2014, 50, 15026-15029.	4.1	52
209	Oneâ€Step, Roomâ€Temperature Synthesis of Glutathioneâ€Capped Ironâ€Oxide Nanoparticles and their Application in In Vivo <i>T</i> <sub>1</sub> â€Weighted Magnetic Resonance Imaging. Small, 2014, 10, 3962-3969.	10.0	30
210	Uniform size and composition tuning of PtNi octahedra for systematic studies of oxygen reduction reactions. Journal of Catalysis, 2014, 309, 343-350.	6.2	41
211	Water-soluble noncovalent adducts of the heterometallic copper subgroup complexes and human serum albumin with remarkable luminescent properties. Chemical Communications, 2014, 50, 849-851.	4.1	21
212	Geometrical Isomerism of Ru <sup>II</sup> Dyeâ€Sensitized Solar Cell Sensitizers and Effects on Photophysical Properties and Device Performances. ChemPhysChem, 2014, 15, 1207-1215.	2.1	11
213	Dyeâ€5ensitized Solar Cells Based on Functionally Separated Dâ€Ï€â€A Dyes with 2 yanopyridine as an Electronâ€Accepting and Anchoring Group. Asian Journal of Organic Chemistry, 2014, 3, 153-160.	2.7	35
214	An unexpected semi-hydrogenation of a ligand in the complexation of 2,7-bispyridinyl-1,8-naphthyridine with Ru <sub>3</sub> (CO) <sub>12</sub> . Dalton Transactions, 2014, 43, 3557-3562.	3.3	9
215	Structural tuning of ancillary chelate in tri-carboxyterpyridine Ru(ii) sensitizers for dye sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 5418-5426.	10.3	25
216	Michael Kasha: From Photochemistry and Flowers to Spectroscopy and Music. Angewandte Chemie - International Edition, 2014, 53, 14316-14324.	13.8	30

#	Article	IF	CITATIONS
217	Triphosphine-supported bimetallic Aul–MI (M = Ag, Cu) alkynyl clusters. Dalton Transactions, 2014, 43, 3383.	3.3	20
218	Os( <scp>ii</scp> ) metal phosphors bearing tridentate 2,6-di(pyrazol-3-yl)pyridine chelate: synthetic design, characterization and application in OLED fabrication. Journal of Materials Chemistry C, 2014, 2, 6269.	5.5	34
219	Panchromatic Ru( <scp>ii</scp> ) sensitizers bearing single thiocyanate for high efficiency dye sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 17618-17627.	10.3	53
220	Phosphorescent PtIISystems Featuring Both 2,2′-Dipyridylamine and 1,3,5-Triazapentadiene Ligands. European Journal of Inorganic Chemistry, 2014, 2014, 4101-4108.	2.0	10
221	Novel Benzimidazole Derivatives as Electron-Transporting Type Host To Achieve Highly Efficient Sky-Blue Phosphorescent Organic Light-Emitting Diode (PHOLED) Device. Organic Letters, 2014, 16, 5398-5401.	4.6	41
222	Rapid Atmospheric Pressure Plasma Jet Processed Reduced Graphene Oxide Counter Electrodes for Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 15105-15112.	8.0	71
223	Highly Efficient Dyeâ€ <del>S</del> ensitized Solar Cells Based on Panchromatic Ruthenium Sensitizers with Quinolinylbipyridine Anchors. Angewandte Chemie - International Edition, 2014, 53, 178-183.	13.8	107
224	Locked <i>ortho</i> - and <i>para</i> -Core Chromophores of Green Fluorescent Protein; Dramatic Emission Enhancement via Structural Constraint. Journal of the American Chemical Society, 2014, 136, 11805-11812.	13.7	105
225	4,4′,5,5′-Tetracarboxy-2,2′-bipyridine Ru(II) Sensitizers for Dye-Sensitized Solar Cells. Inorganic Chemistry 2014, 53, 8593-8599.	<sup>/,</sup> 4.0	24
226	Metal complexes with pyridyl azolates: Design, preparation and applications. Coordination Chemistry Reviews, 2014, 281, 1-25.	18.8	115
227	Comprehensive study of medium-bandgap conjugated polymer merging a fluorinated quinoxaline with branched side chains for highly efficient and air-stable polymer solar cells. Journal of Materials Chemistry A, 2014, 2, 20203-20212.	10.3	17
228	Os(II) Phosphors with Near-Infrared Emission Induced by Ligand-to-Ligand Charge Transfer Transition. Inorganic Chemistry, 2014, 53, 9366-9374.	4.0	36
229	Indolo[2,3- <i>b</i> ]carbazole Synthesized from a Double-Intramolecular Buchwald–Hartwig Reaction: Its Application for a Dianchor DSSC Organic Dye. Organic Letters, 2014, 16, 3176-3179.	4.6	51
230	Luminescent Gold(I) Alkynyl Clusters Stabilized by Flexible Diphosphine Ligands. Organometallics, 2014, 33, 2363-2371.	2.3	21
231	The First Tandem, All-exciplex-based WOLED. Scientific Reports, 2014, 4, 5161.	3.3	213
232	Design of Os <sup>II</sup> â€based Sensitizers for Dye‣ensitized Solar Cells: Influence of Heterocyclic Ancillaries. ChemSusChem, 2013, 6, 1366-1375.	6.8	17
233	Phosphorescent Ir(iii) complexes with both cyclometalate chromophores and phosphine-silanolate ancillary: concurrent conversion of organosilane to silanolate. Dalton Transactions, 2013, 42, 7111.	3.3	40
234	Highly Efficient Bilayer Interface Exciplex For Yellow Organic Light-Emitting Diode. ACS Applied Materials & amp; Interfaces, 2013, 5, 6826-6831.	8.0	163

#	Article	IF	CITATIONS
235	Gold Nanodots: In vivo Metabolic Imaging of Insulin with Multiphoton Fluorescence of Human Insulin–Au Nanodots (Small 12/2013). Small, 2013, 9, 2102-2102.	10.0	2
236	A New Class of Sky-Blue-Emitting Ir(III) Phosphors Assembled Using Fluorine-Free Pyridyl Pyrimidine Cyclometalates: Application toward High-Performance Sky-Blue- and White-Emitting OLEDs. ACS Applied Materials & Interfaces, 2013, 5, 7341-7351.	8.0	90
237	Novel Ambipolar Orthogonal Donor–Acceptor Host for Blue Organic Light Emitting Diodes. Organic Letters, 2013, 15, 4694-4697.	4.6	37
238	Harvesting Fluorescence from Efficient T <sub><i>k</i></sub> → S <sub><i>j</i></sub> ( <i>j</i> , <i>k</i> ) Tj ETC Chemistry C, 2013, 117, 20494-20499.	Qq0 0 0 rg 3.1	3BT /Overloc
239	Mechanoluminescent and efficient white OLEDs for Pt(ii) phosphors bearing spatially encumbered pyridinyl pyrazolate chelates. Journal of Materials Chemistry C, 2013, 1, 7582.	5.5	87
240	Solidâ€&tate Luminescence of AuCuAlkynyl Complexes Induced by Metallophilicityâ€Driven Aggregation. Chemistry - A European Journal, 2013, 19, 5104-5112.	3.3	31
241	Excited-state proton coupled charge transfer modulated by molecular structure and media polarization. Chemical Society Reviews, 2013, 42, 1379-1408.	38.1	604
242	Harnessing the open-circuit voltage via a new series of Ru(ii) sensitizers bearing (iso-)quinolinyl pyrazolate ancillaries. Energy and Environmental Science, 2013, 6, 859.	30.8	64
243	Probing Ligand Binding to Thromboxane Synthase. Biochemistry, 2013, 52, 1113-1121.	2.5	12
244	Thiocyanateâ€Free Ru(II) Sensitizers with a 4,4′â€Dicarboxyvinylâ€2,2′â€bipyridine Anchor for Dyeâ€Sensit Solar Cells. Advanced Functional Materials, 2013, 23, 2285-2294.	ized 14.9	27
245	Fluorinated thienyl-quinoxaline-based D–Ĩ€â€"A-type copolymer toward efficient polymer solar cells: synthesis, characterization, and photovoltaic properties. Polymer Chemistry, 2013, 4, 3411.	3.9	46
246	Ru(ii) sensitizers bearing dianionic biazolate ancillaries: ligand synergy for high performance dye sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 7681.	10.3	26
247	In vivo Metabolic Imaging of Insulin with Multiphoton Fluorescence of Human Insulin–Au Nanodots. Small, 2013, 9, 2103-2110.	10.0	17
248	Studies of carrier recombination in solution-processed CuIn(S,Se)2 through photoluminescence spectroscopy. Applied Physics Letters, 2013, 102, 063902.	3.3	5
249	A Facile Integration of Zero- (l–Ill–VI Quantum Dots) and One- (Single SnO <sub>2</sub> Nanowire) Dimensional Nanomaterials: Fabrication of a Nanocomposite Photodetector with Ultrahigh Gain and Wide Spectral Response. Nano Letters, 2013, 13, 1920-1927.	9.1	41
250	Antiferromagnetic Iron Nanocolloids: A New Generation in Vivo <i>T</i> <sub>1</sub> ÂMRI Contrast Agent. Journal of the American Chemical Society, 2013, 135, 18621-18628.	13.7	61
251	Emissive Osmium(II) Complexes with Tetradentate Bis(pyridylpyrazolate) Chelates. Inorganic Chemistry, 2013, 52, 5867-5875.	4.0	54
252	Harnessing Fluorescence versus Phosphorescence Branching Ratio in (Phenyl) <sub><i>n</i></sub> -Bridged ( <i>n</i> = 0–5) Bimetallic Au(I) Complexes. Journal of Physical Chemistry C, 2013, 117, 9623-9632.	3.1	53

#	Article	IF	CITATIONS
253	Probing water micro-solvation in proteins by water catalysed proton-transfer tautomerism. Nature Communications, 2013, 4, 2611.	12.8	63
254	One-Pot Synthesis of Highly Emissive, Green-to-Red (ZnS) <i><sub>x</sub></i> -Cu <sub>0.1</sub> InS <sub>1.55</sub> /ZnS Core/Shell Nanoparticles via Surfactant Induced Nucleation Process. Materials Express, 2012, 2, 224-232.	0.5	6
255	Application of F4TCNQ doped spiro-MeOTAD in high performance solid state dye sensitized solar cells. Physical Chemistry Chemical Physics, 2012, 14, 11689.	2.8	75
256	Prominent Short-Circuit Currents of Fluorinated Quinoxaline-Based Copolymer Solar Cells with a Power Conversion Efficiency of 8.0%. Chemistry of Materials, 2012, 24, 4766-4772.	6.7	329
257	Studies of Excited-State Properties of Multibranched Triarylamine End-Capped Triazines. Journal of Physical Chemistry A, 2012, 116, 12339-12348.	2.5	28
258	Cationic Iridium Complexes with Intramolecular ï€â€"ï€ Interaction and Enhanced Steric Hindrance for Solid-State Light-Emitting Electrochemical Cells. Inorganic Chemistry, 2012, 51, 12114-12121.	4.0	46
259	Origins of device performance in dicarboxyterpyridine Ru(ii) dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2012, 14, 14190.	2.8	24
260	Synthesis, characterization and photophysical properties of PPh2–C2–(C6H4)n–C2–PPh2based bimetallic Au(i) complexes. Dalton Transactions, 2012, 41, 937-945.	3.3	21
261	Synthesis and Properties of Oxygen-Linked N-Phenylcarbazole Dendrimers. Macromolecules, 2012, 45, 751-765.	4.8	37
262	A water soluble and air-stable tripalladium cluster. Dalton Transactions, 2012, 41, 5782.	3.3	13
263	Phosphorescent OLEDs assembled using Os(ii) phosphors and a bipolar host material consisting of both carbazole and dibenzophosphole oxide. Journal of Materials Chemistry, 2012, 22, 10684.	6.7	53
264	Dye Molecular Structure Device Open-Circuit Voltage Correlation in Ru(II) Sensitizers with Heteroleptic Tridentate Chelates for Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2012, 134, 7488-7496.	13.7	123
265	Stepwise Formation of Iridium(III) Complexes with Monocyclometalating and Dicyclometalating Phosphorus Chelates. Inorganic Chemistry, 2012, 51, 1785-1795.	4.0	14
266	Organic Light-Emitting Diodes: Os(II) Based Green to Red Phosphors: A Great Prospect for Solution-Processed, Highly Efficient Organic Light-Emitting Diodes (Adv. Funct. Mater. 16/2012). Advanced Functional Materials, 2012, 22, 3318-3318.	14.9	1
267	Facile synthesis of highly emissive carbon dots from pyrolysis of glycerol; gram scale production of carbon dots/mSiO2 for cell imaging and drug release. Journal of Materials Chemistry, 2012, 22, 14403.	6.7	318
268	Modulation of Metallophilic Bonds: Solvent-Induced Isomerization and Luminescence Vapochromism of a Polymorphic Au–Cu Cluster. Journal of the American Chemical Society, 2012, 134, 6564-6567.	13.7	135
269	Enhancement of emission characteristics of cadmium-free ZCIS/ZnS/SiO <sub>2</sub> quantum dots by Au nanoparticles. Applied Physics Letters, 2012, 101, 041908.	3.3	3
270	Intensely Luminescent Homoleptic Alkynyl Decanuclear Gold(I) Clusters and Their Cationic Octanuclear Phosphine Derivatives. Inorganic Chemistry, 2012, 51, 7392-7403.	4.0	51

#	Article	IF	CITATIONS
271	Surfactant-Directed Synthesis of Ternary Nanostructures: Nanocubes, Polyhedrons, Octahedrons, and Nanowires of PtNiFe. Their Shape-Dependent Oxygen Reduction Activity. Chemistry of Materials, 2012, 24, 2527-2533.	6.7	53
272	Harvesting Highly Electronically Excited Energy to Triplet Manifolds: State-Dependent Intersystem Crossing Rate in Os(II) and Ag(I) Complexes. Journal of the American Chemical Society, 2012, 134, 7715-7724.	13.7	101
273	Ru(ii) sensitizers with a tridentate heterocyclic cyclometalate for dye-sensitized solar cells. Energy and Environmental Science, 2012, 5, 7549.	30.8	53
274	The Empirical Correlation between Hydrogen Bonding Strength and Excited-State Intramolecular Proton Transfer in 2-Pyridyl Pyrazoles. Journal of Physical Chemistry A, 2012, 116, 4438-4444.	2.5	59
275	Theoretical Study of N749 Dyes Anchoring on the (TiO <sub>2</sub> ) <sub>28</sub> Surface in DSSCs and Their Electronic Absorption Properties. Journal of Physical Chemistry C, 2012, 116, 16338-16345.	3.1	76
276	Large AuAg Alloy Nanoparticles Synthesized in Organic Media Using a Oneâ€Pot Reaction: Their Applications for Highâ€Performance Bulk Heterojunction Solar Cells. Advanced Functional Materials, 2012, 22, 3975-3984.	14.9	82
277	Os(II) Based Green to Red Phosphors: A Great Prospect for Solutionâ€Processed, Highly Efficient Organic Lightâ€Emitting Diodes. Advanced Functional Materials, 2012, 22, 3491-3499.	14.9	96
278	Engineering of Osmium(II)â€Based Light Absorbers for Dyeâ€Sensitized Solar Cells. Angewandte Chemie - International Edition, 2012, 51, 5642-5646.	13.8	73
279	Novel oxygen sensor based on terfluorene thin-film and its enhanced sensitivity by stimulated emission. Journal of Materials Chemistry, 2012, 22, 13446.	6.7	9
280	Structural tuning intra- versus inter-molecular proton transfer reaction in the excited state. Physical Chemistry Chemical Physics, 2012, 14, 9006.	2.8	27
281	Coordination study of ruthenium(II) complexes containing a mixed donor (P–N) ligand. Polyhedron, 2012, 35, 23-30.	2.2	8
282	Bis(diphenylamino)-9,9′-spirobifluorene functionalized Ir( <scp>iii</scp> ) complex: a conceptual design en route to a three-in-one system possessing emitting core and electron and hole transport peripherals. Journal of Materials Chemistry, 2011, 21, 768-774.	6.7	35
283	Heteroleptic Ir( <scp>iii</scp> ) complexes containing both azolate chromophoric chelate and diphenylphosphinoaryl cyclometalates; Reactivities, electronic properties and applications. Dalton Transactions, 2011, 40, 1132-1143.	3.3	44
284	A new type of donor–acceptor dye bridged by the bidentate moiety; metal ion complexation enhancing DSSC performance. Journal of Materials Chemistry, 2011, 21, 4090.	6.7	16
285	One-pot synthesis of substituted benzene via intermolecular [2+2+2] cycloaddition catalyzed by air-stable Ru(ii)-complex. Dalton Transactions, 2011, 40, 3748.	3.3	14
286	Probing the Interaction between Prostacyclin Synthase and Prostaglandin H <sub>2</sub> Analogues or Inhibitors via a Combination of Resonance Raman Spectroscopy and Molecular Dynamics Simulation Approaches. Journal of the American Chemical Society, 2011, 133, 18870-18879.	13.7	12
287	A Genuine Intramolecular Proton Relay System Undergoing Excited-State Double Proton Transfer Reaction. Journal of Physical Chemistry Letters, 2011, 2, 3063-3068.	4.6	94
288	pH-Dependent Spectroscopic and Luminescent Properties, and Metal-Ion Recognition Studies of Re(I) Complexes Containing 2-(2â€2-Pyridyl)benzimidazole and 2-(2â€2-Pyridyl)benzimidazolate. Inorganic Chemistry, 2011, 50, 5379-5388.	4.0	25

#	Article	IF	CITATIONS
289	Comprehensive Studies on an Overall Proton Transfer Cycle of the <i>ortho</i> -Green Fluorescent Protein Chromophore. Journal of the American Chemical Society, 2011, 133, 2932-2943.	13.7	133
290	Fine Tuning the Energetics of Excited-State Intramolecular Proton Transfer (ESIPT): White Light Generation in A Single ESIPT System. Journal of the American Chemical Society, 2011, 133, 17738-17745.	13.7	560
291	All chemically deposited, annealing and mesoporous metal oxide free CdSe solar cells. Chemical Communications, 2011, 47, 3448.	4.1	16
292	Systematic Investigation of the Metal-Structure–Photophysics Relationship of Emissive d <sup>10</sup> -Complexes of Group 11 Elements: The Prospect of Application in Organic Light Emitting Devices. Journal of the American Chemical Society, 2011, 133, 12085-12099.	13.7	306
293	Excited-State Intramolecular Proton Transfer Molecules Bearing <i>o</i> -Hydroxy Analogues of Green Fluorescent Protein Chromophore. Journal of Organic Chemistry, 2011, 76, 8189-8202.	3.2	118
294	Donor–acceptor dyes with fluorine substituted phenylene spacer for dye-sensitized solar cells. Journal of Materials Chemistry, 2011, 21, 1937-1945.	6.7	129
295	A New and Facile Method To Prepare Uniform Hollow MnO/Functionalized mSiO <sub>2</sub> Core/Shell Nanocomposites. ACS Nano, 2011, 5, 4177-4187.	14.6	130
296	Octanuclear gold( <scp>i</scp> ) alkynyl-diphosphine clusters showing thermochromic luminescence. Chemical Communications, 2011, 47, 5533-5535.	4.1	78
297	Stepwise 1D Growth of Luminescent Au(I)â^'Ag(I) Phosphineâ^'Alkynyl Clusters: Synthesis, Photophysical, and Theoretical Studies. Inorganic Chemistry, 2011, 50, 2395-2403.	4.0	38
298	Ortho-Branched Ladder-Type Oligophenylenes with Two-Dimensionally π-Conjugated Electronic Properties. Journal of the American Chemical Society, 2011, 133, 8028-8039.	13.7	42
299	Well-defined mesoporous nanostructure modulates three-dimensional interface energy transfer for two-photon activated photodynamic therapy. Nano Today, 2011, 6, 552-563.	11.9	56
300	Feeling blue? Blue phosphors for OLEDs. Materials Today, 2011, 14, 472-479.	14.2	153
301	Harvesting luminescence via harnessing the photophysical properties of transition metal complexes. Coordination Chemistry Reviews, 2011, 255, 2653-2665.	18.8	292
302	Emissive Iridium(III) Diimine Complexes Formed by Double Cyclometalation of Coordinated Triphenylphosphite. Inorganic Chemistry, 2011, 50, 5075-5084.	4.0	25
303	En Route to White-Light Generation Utilizing Nanocomposites Composed of Ultrasmall CdSe Nanodots and Excited-State Intramolecular Proton Transfer Dyes. ACS Applied Materials & Interfaces, 2011, 3, 1713-1720.	8.0	38
304	Fluorene as the π–spacer for new two-photon absorption chromophores. Tetrahedron, 2011, 67, 734-739.	1.9	32
305	Superiority of Branched Side Chains in Spontaneous Nanowire Formation: Exemplified by Poly(3â€2â€methylbutylthiophene) for Highâ€Performance Solar Cells. Small, 2011, 7, 1098-1107. 	10.0	57
306	Enhanced Performance and Air Stability of 3.2% Hybrid Solar Cells: How the Functional Polymer and CdTe Nanostructure Boost the Solar Cell Efficiency. Advanced Materials, 2011, 23, 5451-5455.	21.0	107

#	Article	IF	CITATIONS
307	Iridium(III) Complexes of a Dicyclometalated Phosphite Tripod Ligand: Strategy to Achieve Blue Phosphorescence Without Fluorine Substituents and Fabrication of OLEDs. Angewandte Chemie - International Edition, 2011, 50, 3182-3186.	13.8	128
308	Ruthenium(II) Sensitizers with Heteroleptic Tridentate Chelates for Dye‣ensitized Solar Cells. Angewandte Chemie - International Edition, 2011, 50, 2054-2058.	13.8	199
309	Insulinâ€Directed Synthesis of Fluorescent Gold Nanoclusters: Preservation of Insulin Bioactivity and Versatility in Cell Imaging. Angewandte Chemie - International Edition, 2011, 50, 7056-7060.	13.8	391
310	Tris(thiocyanate) Ruthenium(II) Sensitizers with Functionalized Dicarboxyterpyridine for Dye‧ensitized Solar Cells. Angewandte Chemie - International Edition, 2011, 50, 8270-8274.	13.8	91
311	Mesomorphism and Luminescence Properties of Platinum(II) Complexes with Tris(alkoxy)phenylâ€Functionalized Pyridyl Pyrazolate Chelates. Chemistry - A European Journal, 2011, 17, 546-556.	3.3	71
312	A New Coordination Polymer Exhibiting Unique 2D Hydrogenâ€Bonded (H <sub>2</sub> O) <sub>16</sub> Ring Formation and Waterâ€Dependent Luminescence Properties. Chemistry - A European Journal, 2011, 17, 9232-9241.	3.3	35
313	Highly Luminescent Octanuclear Au <sup>I</sup> –Cu <sup>I</sup> Clusters Adopting Two Structural Motifs: The Effect of Aliphatic Alkynyl Ligands. Chemistry - A European Journal, 2011, 17, 11456-11466.	3.3	47
314	Multifunctional Mesoporous Silica-Coated Hollow Manganese Oxide Nanoparticles for Targeted Optical Imaging, <i>T</i> <sub>1</sub> Magnetic Resonance Imaging and Photodynamic Therapy. Materials Express, 2011, 1, 136-143.	0.5	15
315	A new recognition concept using dye sensitized solar cell configuration. Chemical Communications, 2011, 47, 985-987.	4.1	11
316	Transition-metal phosphors with cyclometalating ligands: fundamentals and applications. Chemical Society Reviews, 2010, 39, 638-655.	38.1	1,222
317	A systematic study of the stabilities of cyclic boryl anions. Journal of Molecular Modeling, 2010, 16, 713-723.	1.8	6
318	A computational study on the capability of boraneâ€cyclic boryl anion adducts to act as hydrogen atom donors. Journal of Computational Chemistry, 2010, 31, 2258-2262.	3.3	10
319	Photoisomerization of a Maleonitrileâ€Type Salen Schiff Base and Its Application in Fineâ€Tuning Infinite Coordination Polymers. Chemistry - A European Journal, 2010, 16, 3770-3782.	3.3	15
320	Homoleptic Tris(Pyridyl Pyrazolate) Ir <sup>III</sup> Complexes: En Route to Highly Efficient Phosphorescent OLEDs. Chemistry - A European Journal, 2010, 16, 4315-4327.	3.3	53
321	Donor–acceptor organic sensitizers assembled with isoxazole or its derivative 3-oxopropanenitrile. Tetrahedron, 2010, 66, 4223-4229.	1.9	50
322	Synthesis and characterization of naphthalene diimide (NDI)-based near infrared chromophores with two-photon absorbing properties. Tetrahedron, 2010, 66, 8629-8634.	1.9	35
323	Theoretical study on the double proton transfer in a hetero-hydrogen-bonded dimer of 11-propyl-6H-indolo-[2,3-b]quinoline (6HIQ) and 7-azaindole (7AI). Chemical Physics Letters, 2010, 485, 226-230.	2.6	15
324	Band gap aligned conducting interface modifier enhances the performance of thermal stable polymer-TiO2 nanorod solar cell. Applied Physics Letters, 2010, 96, 123501.	3.3	27

#	Article	IF	CITATIONS
325	Design and Synthesis of Trithiophene-Bound Excited-State Intramolecular Proton Transfer Dye: Enhancement on the Performance of Bulk Heterojunction Solar Cells. ACS Applied Materials & Interfaces, 2010, 2, 1621-1629.	8.0	24
326	Color-Tunable Light-Emitting Device Based on the Mixture of CdSe Nanorods and Dots Embedded in Liquid-Crystal Cells. Journal of Physical Chemistry C, 2010, 114, 7995-7998.	3.1	39
327	Effects of Multibranching on 3-Hydroxyflavone-Based Chromophores and the Excited-State Intramolecular Proton Transfer Dynamics. Journal of Physical Chemistry A, 2010, 114, 10412-10420.	2.5	42
328	Excited-State Intramolecular Proton Transfer (ESIPT) Fine Tuned by Quinolineâ^Pyrazole Isomerism: Ï€-Conjugation Effect on ESIPT. Journal of Physical Chemistry A, 2010, 114, 7886-7891.	2.5	67
329	Excited State Luminescence of Multi-(5-phenyl-1,3,4-oxadiazo-2-yl)benzenes in an Electron-Donating Matrix: Exciplex or Electroplex?. Journal of Physical Chemistry B, 2010, 114, 756-768.	2.6	45
330	Cyclometalated Platinum(II) Complexes of Lepidine-Based Ligands as Highly Efficient Electrophosphors. Organometallics, 2010, 29, 3912-3921.	2.3	67
331	New Series of Ruthenium(II) and Osmium(II) Complexes Showing Solid-State Phosphorescence in Far-Visible and Near-Infrared. Inorganic Chemistry, 2010, 49, 823-832.	4.0	42
332	Highly Sensitive Emission Sensor Based on Surface Plasmon Enhanced Energy Transfer between Gold Nanoclusters and Silver Nanoparticles. Journal of Physical Chemistry C, 2010, 114, 799-802.	3.1	36
333	Mono- versus Dinuclear Pt(II) 6-(5-Trifluoromethyl-Pyrazol-3-yl)-2,2′-Bipyridine Complexes: Synthesis, Characterization, and Remarkable Difference in Luminescent Properties. Inorganic Chemistry, 2010, 49, 1372-1383.	4.0	49
334	Organic Dyes with Excited-State Transformations (Electron, Charge, and Proton Transfers). Springer Series on Fluorescence, 2010, , 225-266.	0.8	17
335	Recent Experimental Advances on Excited-State Intramolecular Proton Coupled Electron Transfer Reaction. Accounts of Chemical Research, 2010, 43, 1364-1374.	15.6	321
336	Luminescence quenching of Re(i) molecular rectangles by quinones. Dalton Transactions, 2010, 39, 2928.	3.3	16
337	Rational reductive fusion of two heterometallic clusters: formation of a highly stable, intensely phosphorescent Au–Ag aggregate and application in two-photon imaging in human mesenchymal stem cells. Chemical Communications, 2010, 46, 1440.	4.1	49
338	Recombination Dynamics of the Enhanced Quantum Efficiency in CdSe/ZnTe/ZnS Typeâ€I Quantum Dots. Journal of the Chinese Chemical Society, 2010, 57, 534-538.	1.4	0
339	Highly Emissive Cyclometalated Rhenium Metallacycles: Structureâ	4.0	37
340	Phosphorescent Ir(iii) complexes bearing double benzyldiphenylphosphine cyclometalates; strategic synthesis, fundamental and integration for white OLED fabrication. Journal of Materials Chemistry, 2010, 20, 7682.	6.7	67
341	Synthesis, photophysical and theoretical studies of luminescent silver(i)–copper(i) alkynyl-diphosphine complexes. Dalton Transactions, 2010, 39, 2395.	3.3	31
342	Organic dyes with remarkably high absorptivity; all solid-state dye sensitized solar cell and role of fluorine substitution. Chemical Communications, 2010, 46, 5256.	4.1	88

#	Article	IF	CITATIONS
343	Development of thiocyanate-free, charge-neutral Ru(ii) sensitizers for dye-sensitized solar cells. Chemical Communications, 2010, 46, 5124.	4.1	115
344	Diphenyl(1-naphthyl)phosphine Ancillary for Assembling of Red and Orange-Emitting Ir(III) Based Phosphors; Strategic Synthesis, Photophysics, and Organic Light-Emitting Diode Fabrication. Inorganic Chemistry, 2010, 49, 8713-8723.	4.0	60
345	Multifunctional Deepâ€Blue Emitter Comprising an Anthracene Core and Terminal Triphenylphosphine Oxide Groups. Advanced Functional Materials, 2009, 19, 560-566.	14.9	242
346	A New Series of Quadrupolar Type Twoâ€Photon Absorption Chromophores Bearing 11, 12â€Dibutoxydibenzo[ <i>a</i> , <i>c</i> ]â€phenazine Bridged Amines; Their Applications in Twoâ€Photon Fluorescence Imaging and Twoâ€Photon Photodynamic Therapy. Advanced Functional Materials, 2009, 19, 2388-2397.	14.9	133
347	Rational Design of Chargeâ€Neutral, Nearâ€Infraredâ€Emitting Osmium(II) Complexes and OLED Fabrication. Advanced Functional Materials, 2009, 19, 2639-2647.	14.9	147
348	A Bipolar Host Material Containing Triphenylamine and Diphenylphosphorylâ€6ubstituted Fluorene Units for Highly Efficient Blue Electrophosphorescence. Advanced Functional Materials, 2009, 19, 2834-2843.	14.9	196
349	En Route to High External Quantum Efficiency (â^¼12%), Organic Trueâ€Blueâ€Lightâ€Emitting Diodes Employi Novel Design of Iridium (III) Phosphors. Advanced Materials, 2009, 21, 2221-2225.	ng 21.0	195
350	Electrogenerated chemiluminescence (ECL) of 2-oxa-bicyclo[3.3.0]octa-4,8-diene-3,6-dione (OBDD). Journal of Electroanalytical Chemistry, 2009, 635, 7-12.	3.8	1
351	A new ambipolar blue emitter for NTSC standard blue organic light-emitting device. Organic Electronics, 2009, 10, 158-162.	2.6	62
352	Syntheses, Photophysics, and Application of Iridium(III) Phosphorescent Emitters for Highly Efficient, Longâ€Life Organic Lightâ€Emitting Diodes. Chemistry - an Asian Journal, 2009, 4, 742-753.	3.3	36
353	Authentic-Blue Phosphorescent Iridium(III) Complexes Bearing Both Hydride and Benzyl Diphenylphosphine; Control of the Emission Efficiency by Ligand Coordination Geometry. Inorganic Chemistry, 2009, 48, 8164-8172.	4.0	60
354	Photophysics of Heteroleptic Iridium(III) Complexes Of Current Interest; a Closer Look on Relaxation Dynamics. Inorganic Chemistry, 2009, 48, 6501-6508.	4.0	43
355	15-Crown-5 Functionalized Au Nanoparticles Synthesized via Single Molecule Exchange on Silica Nanoparticles: Its Application to Probe 15-Crown-5/K <sup>+</sup> /15-Crown-5 "Sandwiches―as Linking Mechanisms. Journal of Physical Chemistry C, 2009, 113, 1686-1693.	3.1	23
356	Thiol-Functionalized Gold Nanodots: Two-Photon Absorption Property and Imaging In Vitro. Journal of Physical Chemistry C, 2009, 113, 21082-21089.	3.1	76
357	Studies of Two-Photon Property of Intensely Luminescent Alkynylâ^'Phosphine Gold(I)â^'Copper(I) Complexes. Journal of Physical Chemistry A, 2009, 113, 9270-9276.	2.5	16
358	Carbon Nanoparticle-Enhanced Immunoelectrochemical Detection for Protein Tumor Marker with Cadmium Sulfide Biotracers. Analytical Chemistry, 2009, 81, 1340-1346.	6.5	139
359	Intensely Luminescent Alkynylâ^'Phosphine Gold(I)â^'Copper(I) Complexes: Synthesis, Characterization, Photophysical, and Computational Studies. Inorganic Chemistry, 2009, 48, 2094-2102.	4.0	73
360	Dual Excited-State Intramolecular Proton Transfer Reaction in 3-Hydroxy-2-(pyridin-2-yl)-4 <i>H</i> -chromen-4-one. Journal of Physical Chemistry A, 2009, 113, 205-214.	2.5	58

#	Article	IF	CITATIONS
361	Resonant Energy Transfer between CdSe/ZnS Type I and CdSe/ZnTe Type II Quantum Dots. Journal of Physical Chemistry C, 2009, 113, 15548-15552.	3.1	22
362	Neutral, panchromatic Ru(ii) terpyridine sensitizers bearing pyridine pyrazolate chelates with superior DSSC performance. Chemical Communications, 2009, , 5844.	4.1	96
363	Mercury(II) Recognition and Fluorescence Imaging <i>in Vitro</i> through a 3D-Complexation Structure. Inorganic Chemistry, 2009, 48, 10304-10311.	4.0	34
364	An intensely and oxygen independent phosphorescent gold(i)–silver(i) complex: "trapping―an Au8Ag10 oligomer by two gold-alkynyl-diphosphine molecules. Chemical Communications, 2009, , 2860.	4.1	57
365	Nd-doped silicon nanowires with room temperature ferromagnetism and infrared photoemission. Applied Physics Letters, 2009, 94, 263117.	3.3	5
366	Blue to True-Blue Phosphorescent Ir <sup>III</sup> Complexes Bearing a Nonconjugated Ancillary Phosphine Chelate: Strategic Synthesis, Photophysics, and Device Integration. ACS Applied Materials & Interfaces, 2009, 1, 433-442.	8.0	64
367	Homogeneous, surfactant-free gold nanoparticles encapsulated by polythiophene analogues. Chemical Communications, 2009, , 1996.	4.1	26
368	Homogenous, far-reaching tuning and highly emissive QD–silica core–shell nanocomposite synthesized via a delay photoactive procedure; their applications in two-photon imaging of human mesenchymal stem cells. Journal of Materials Chemistry, 2009, 19, 8314.	6.7	21
369	Fluorescent protein red Kaede chromophore; one-step, high-yield synthesis and potential application for solar cells. Chemical Communications, 2009, , 6982.	4.1	39
370	Blue-emitting Ir(iii) phosphors with ancillary 4,6-difluorobenzyl diphenylphosphine based cyclometalate. Dalton Transactions, 2009, , 6472.	3.3	57
371	Highly luminescent, homogeneous ZnO nanoparticles synthesized via semiconductive polyalkyloxylthiophene template. Journal of Materials Chemistry, 2009, 19, 7284.	6.7	35
372	Strategic design and synthesis of novel tridentate bipyridine pyrazolate coupled Ru(ii) complexes to achieve superior solar conversion efficiency. Journal of Materials Chemistry, 2009, 19, 5329.	6.7	40
373	Dual Fluorescent Photochromic Colorants Bearing Pyrano[3,2- <i>c</i> ]chromen-5-one Moiety. Journal of Physical Chemistry A, 2009, 113, 9321-9328.	2.5	16
374	A theoretical study of thermodynamics and kinetics of nitrosamines: a potential no carrier. Theoretical Chemistry Accounts, 2008, 119, 453-462.	1.4	3
375	The theoretical comparison between two model NO carriers, MeSNO and MeSeNO. Journal of Molecular Modeling, 2008, 14, 1-9.	1.8	7
376	Iridiumâ€Complexâ€Functionalized Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> Core/Shell Nanoparticles: A Facile Threeâ€inâ€One System in Magnetic Resonance Imaging, Luminescence Imaging, and Photodynamic Therapy. Small, 2008, 4, 218-224.	10.0	229
377	Phosphorescent Iridium(III) Complexes with Nonconjugated Cyclometalated Ligands. Chemistry - A European Journal, 2008, 14, 5423-5434.	3.3	84
378	Macrophage physiological function after superparamagnetic iron oxide labeling. NMR in Biomedicine, 2008, 21, 820-829.	2.8	84

#	Article	IF	CITATIONS
379	Excitedâ€State Double Proton Transfer in Model Base Pairs: The Stepwise Reaction on the Heterodimer of 7â€Azaindole Analogues. ChemPhysChem, 2008, 9, 293-299.	2.1	34
380	Cyano Analogues of 7â€Azaindole: Probing Excitedâ€State Chargeâ€Coupled Proton Transfer Reactions in Protic Solvents. ChemPhysChem, 2008, 9, 2221-2229.	2.1	11
381	Highly Efficient Blueâ€Emitting Iridium(III) Carbene Complexes and Phosphorescent OLEDs. Angewandte Chemie - International Edition, 2008, 47, 4542-4545.	13.8	382
382	Rational Design of Chelating Phosphine Functionalized Os <sup>(II)</sup> Emitters and Fabrication of Orange Polymer Lightâ€Emitting Diodes Using Solution Process. Advanced Functional Materials, 2008, 18, 183-194.	14.9	45
383	Electrophosphorescent Polyfluorenes Containing Osmium Complexes in the Conjugated Backbone. Advanced Functional Materials, 2008, 18, 1430-1439.	14.9	85
384	Thermal generation of pentacene from soluble precursors through expulsion of carbon dioxide. Tetrahedron Letters, 2008, 49, 4494-4497.	1.4	15
385	Pt <sup>II</sup> Complexes with 6â€(5â€Trifluoromethylâ€Pyrazolâ€3â€yl)â€2,2′â€Bipyridine Terdentate Ch Ligands: Synthesis, Characterization, and Luminescent Properties. Chemistry - an Asian Journal, 2008, 3, 2112-2123.	elating 3.3	30
386	2,3-Disubstituted Thiophene-Based Organic Dyes for Solar Cells. Chemistry of Materials, 2008, 20, 1830-1840.	6.7	401
387	Recombination dynamics in CdTe/CdSe type-II quantum dots. Nanotechnology, 2008, 19, 115702.	2.6	34
388	Synthesis, Characterization, and Photophysical Properties of Luminescent Gallium and Indium Complexes Constructed using Tridentate 6-Azolyl-2,2′-bipyridine Chelates. Organometallics, 2008, 27, 80-87.	2.3	24
389	Simple organic molecules bearing a 3,4-ethylenedioxythiophene linker for efficient dye-sensitized solar cells. Chemical Communications, 2008, , 5152.	4.1	195
390	Diaza-18-crown-6 appended dual 7-hydroxyquinolines; mercury ion recognition in aqueous solution. Chemical Communications, 2008, , 2438.	4.1	25
391	Spectroscopy and Femtosecond Dynamics of Excited-State Proton Transfer Induced Charge Transfer Reaction. Journal of Physical Chemistry A, 2008, 112, 8323-8332.	2.5	86
392	Luminescent Osmium(II) Complexes with Functionalized 2-Phenylpyridine Chelating Ligands: Preparation, Structural Analyses, and Photophysical Properties. Inorganic Chemistry, 2008, 47, 3307-3317.	4.0	35
393	Preparations and Photophysical Properties of Fused and Nonfused Thienyl Bridged MM (M = Mo or W) Quadruply Bonded Complexes. Inorganic Chemistry, 2008, 47, 3415-3425.	4.0	32
394	New supramolecular isomers with 2D 44 square-grid and 3D 65·8 frameworks in a one-pot synthesis; reversible solvent uptake and intriguing luminescence properties. Chemical Communications, 2008, , 1299.	4.1	41
395	Emissive Pt(ii) complexes bearing both cyclometalated ligand and 2-pyridyl hexafluoropropoxide ancillary chelate. Dalton Transactions, 2008, , 6901.	3.3	54
396	One-pot solvothermal synthesis of FePt/Fe3O4 core–shell nanoparticles. Chemical Communications, 2008, , 5342.	4.1	19

#	Article	IF	CITATIONS
397	Cu(i) chelated poly-alkoxythiophene enhancing photovoltaic device composed of a P3HT/PCBM heterojunction system. Journal of Materials Chemistry, 2008, 18, 4297.	6.7	22
398	2D Self-Bundled CdS Nanorods with Micrometer Dimension in the Absence of an External Directing Process. ACS Nano, 2008, 2, 750-756.	14.6	54
399	Reactions of the (2-Pyridyl) Pyrrolide Platinum(II) Complex Driven by Sterically Encumbered Chelation: A Model for the Reversible Attack of Alcohol at the Coordinated Carbon Monoxide. Inorganic Chemistry, 2008, 47, 5154-5161.	4.0	22
400	Modulate Photoinduced Electron Transfer Efficiency of Bipolar Dendritic Systems. Organic Letters, 2008, 10, 3211-3214.	4.6	17
401	Novel Tailoring Reaction for Two Adjacent Coordinated Nitriles Giving Platinum 1,3,5-Triazapentadiene Complexes. Inorganic Chemistry, 2008, 47, 11487-11500.	4.0	57
402	Phase Separation Inside the CdTeâ^'CdSe Type II Quantum Dots Revealed by Synchrotron X-ray Diffraction and Scattering. Journal of Physical Chemistry C, 2008, 112, 9617-9622.	3.1	12
403	Photogeneration and Thermal Generation of Pentacene from Soluble Precursors for OTFT Applications. Organic Letters, 2008, 10, 2869-2872.	4.6	44
404	The remarkable influence of M2δ to thienyl π conjugation in oligothiophenes incorporating MM quadruple bonds. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15247-15252.	7.1	44
405	Soluble pentacene precursors: strategic design, synthesis, and characterization. Proceedings of SPIE, 2008, , .	0.8	1
406	Resonance-enhanced dipolar interaction between terahertz photons and confined acoustic phonons in nanocrystals. Applied Physics Letters, 2008, 92, .	3.3	10
407	Influences of light intensity on fluorescence lifetime of nanorods and quantum dots. Applied Physics Letters, 2008, 93, 223110.	3.3	14
408	Piezoelectricity-induced terahertz photon absorption by confined acoustic phonons in wurtzite CdSe nanocrystals. Physical Review B, 2008, 77, .	3.2	4
409	Light Emitting Materials for Organic Electronics. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2008, 21, 357-362.	0.3	0
410	Resonant-enhanced dipolar interaction between THz-photons and confined acoustic phonons in nanostructures. Proceedings of SPIE, 2008, , .	0.8	0
411	Resonant-enhanced dipolar interaction between THz-photons and confined acoustic phonons in nanocrystals. , 2008, , .		0
412	A Computational Study on the Kinetic Stability of Cyclic Boryl Anions~!2007-12-13~!2008-05-13~!2008-06-11~!. The Open Chemical Physics Journal, 2008, 1, 51-61.	0.7	6
413	Unifying model for giant enhancement and quenching of light emission from Au/CdSe nanocomposites. , 2007, , .		1
414	Color tuning associated with heteroleptic cyclometalated Ir(iii) complexes: influence of the ancillary ligand. Dalton Transactions, 2007, , 1881.	3.3	110

#	Article	IF	CITATIONS
415	Luminescent Platinum(II) Complexes Containing Isoquinolinyl Indazolate Ligands:  Synthetic Reaction Pathway and Photophysical Properties. Inorganic Chemistry, 2007, 46, 7064-7074.	4.0	79
416	Mechanism of giant enhancement of light emission from Au/CdSe nanocomposites. Nanotechnology, 2007, 18, 415707.	2.6	64
417	Contemporary progresses on neutral, highly emissive Os(ii) and Ru(ii) complexes. Chemical Society Reviews, 2007, 36, 1421.	38.1	253
418	Synthesis, structure and electroluminescent properties of cyclometalated iridium complexes possessing sterically hindered ligands. Dalton Transactions, 2007, , 3025.	3.3	32
419	Blue-Emitting Platinum(II) Complexes Bearing both Pyridylpyrazolate Chelate and Bridging Pyrazolate Ligands:  Synthesis, Structures, and Photophysical Properties. Inorganic Chemistry, 2007, 46, 11202-11212.	4.0	107
420	Strategic Design and Synthesis of Osmium(II) Complexes Bearing a Single Pyridyl Azolate ï€-Chromophore:  Achieving High-Efficiency Blue Phosphorescence by Localized Excitation. Inorganic Chemistry, 2007, 46, 10276-10286.	4.0	60
421	Ortho Green Fluorescence Protein Synthetic Chromophore; Excited-State Intramolecular Proton Transfer via a Seven-Membered-Ring Hydrogen-Bonding System. Journal of the American Chemical Society, 2007, 129, 4534-4535.	13.7	202
422	Novel Oxazabicycles as a New Class of Photochromic Colorants. Organic Letters, 2007, 9, 5287-5290.	4.6	22
423	CdS Nanorods Imbedded in Liquid Crystal Cells for Smart Optoelectronic Devices. Nano Letters, 2007, 7, 1908-1913.	9.1	128
424	Pyreno[2,1-b]pyrrole and Bis(pyreno[2,1-b]pyrrole) as Selective Chemosensors of Fluoride Ion:  A Mechanistic Study Journal of Organic Chemistry, 2007, 72, 5465-5465.	3.2	2
425	Pyreno[2,1-b]pyrrole and Bis(pyreno[2,1-b]pyrrole) as Selective Chemosensors of Fluoride Ion:Â A Mechanistic Study. Journal of Organic Chemistry, 2007, 72, 3537-3542.	3.2	106
426	Iridium(I) Pyridyl Azolate Complexes with Saturated Red Metal-to-Ligand Charge Transfer Phosphorescence; Fundamental and Potential Applications in Organic Light-Emitting Diodes. Chemistry - A European Journal, 2007, 13, 2686-2694.	3.3	28
427	Phosphorescent Dyes for Organic Light-Emitting Diodes. Chemistry - A European Journal, 2007, 13, 380-395.	3.3	747
428	Blue-Emitting Heteroleptic Iridium(III) Complexes Suitable for High-Efficiency Phosphorescent OLEDs. Angewandte Chemie - International Edition, 2007, 46, 2418-2421.	13.8	396
429	Color Tuning and Highly Efficient Blue Emitters of Finite Diphenylamino-Containing Oligo(arylenevinylene) Derivatives Using Fluoro Substituents. Advanced Functional Materials, 2007, 17, 520-530.	14.9	55
430	New Family of Rutheniumâ€Dye―Sensitized Nanocrystalline TiO <sub>2</sub> Solar Cells with a High Solarâ€Energyâ€Conversion Efficiency. Advanced Functional Materials, 2007, 17, 2964-2974.	14.9	67
431	Can an OH radical form a strong hydrogen bond? A theoretical comparison with H2O. Journal of Computational Chemistry, 2007, 28, 1357-1363.	3.3	21
432	7-Azamelatonin: Efficient Synthetic Routes, Excited-State Double Proton Transfer Properties and Biomedical Implications. ChemMedChem, 2007, 2, 1071-1075.	3.2	14

#	Article	IF	CITATIONS
433	Probing Pb2+ cation via the iridium based phosphorescent dye. Polyhedron, 2007, 26, 4886-4892.	2.2	48
434	Surfactant―and Temperatureâ€Controlled CdS Nanowire Formation. Small, 2007, 3, 1882-1885.	10.0	36
435	Osmium Complexes with Tridentate 6-Pyrazol-3-yl 2,2′-Bipyridine Ligands: Coarse Tuning of Phosphorescence from the Red to the Near-Infrared Region. Chemistry - an Asian Journal, 2007, 2, 155-163.	3.3	25
436	Photoluminescence Electron-Transfer Quenching of Rhenium(I) Rectangles with Amines. Journal of Physical Chemistry A, 2006, 110, 10683-10689.	2.5	32
437	Theoretical Investigation of Cheletroptic Decarbonylation Reactions. Journal of Chemical Theory and Computation, 2006, 2, 1078-1084.	5.3	26
438	Iridium-complex modified CdSe/ZnS quantum dots; a conceptual design for bifunctionality toward imaging and photosensitization. Chemical Communications, 2006, , 615.	4.1	68
439	Platinum(II) Complexes with Pyridyl Azolate-Based Chelates:  Synthesis, Structural Characterization, and Tuning of Photo- and Electrophosphorescence. Inorganic Chemistry, 2006, 45, 137-146.	4.0	180
440	Potassium ion recognition by 15-crown-5 functionalized CdSe/ZnS quantum dots in H2O. Chemical Communications, 2006, , 263-265.	4.1	169
441	Extensive spectral tuning of the proton transfer emission from 550 to 675 nm via a rational derivatization of 10-hydroxybenzo[h]quinoline. Chemical Communications, 2006, , 4395.	4.1	145
442	A new class of laser dyes, 2-oxa-bicyclo[3.3.0]octa-4,8-diene-3,6-diones, with unity fluorescence yield. Chemical Communications, 2006, , 2693.	4.1	5
443	Synthesis of 7-Azaserotonin:  Its Photophysical Properties Associated with Excited State Proton Transfer Reaction. Journal of the American Chemical Society, 2006, 128, 14426-14427.	13.7	22
444	Design and synthesis of iridium(iii) azacrown complex: application as a highly sensitive metal cation phosphorescence sensor. Organic and Biomolecular Chemistry, 2006, 4, 98.	2.8	110
445	Synthesis and characterization of new fluorescent two-photon absorption chromophores. Journal of Materials Chemistry, 2006, 16, 850-857.	6.7	43
446	Tuning Excited-State Electron Transfer from an Adiabatic to Nonadiabatic Type in Donorâ~'Bridgeâr'Acceptor Systems and the Associated Energy-Transfer Process. Journal of Physical Chemistry A, 2006, 110, 12136-12144.	2.5	46
447	Fluorescent Organic Nanoparticles of Benzofuranâ^'Naphthyridine Linked Molecules:  Formation and Fluorescence Enhancement in Aqueous Media. Organic Letters, 2006, 8, 3713-3716.	4.6	73
448	Coordination of Fluoro Ligands toward Sodium Ions Makes the Difference:  Aqua Sodium Ions Act as BrÂ,nsted Acids in Polymerization of Vinyl Ethers and Styrenes. Inorganic Chemistry, 2006, 45, 7590-7592.	4.0	18
449	Neutral Rull-Based Emitting Materials:  A Prototypical Study on Factors Governing Radiationless Transition in Phosphorescent Metal Complexes. Inorganic Chemistry, 2006, 45, 8041-8051. ————————————————————————————————————	4.0	48
450	Synthesis, Structures, and Photoinduced Electron Transfer Reaction in the 9,9ã€~-Spirobifluorene-Bridged Bipolar Systems. Journal of Organic Chemistry, 2006, 71, 456-465.	3.2	63

#	Article	IF	CITATIONS
451	En Route to the Formation of High-Efficiency, Osmium(II)-Based Phosphorescent Materials. Inorganic Chemistry, 2006, 45, 10188-10196.	4.0	46
452	Room-temperature NIR phosphorescence of new iridium (III) complexes with ligands derived from benzoquinoxaline. Canadian Journal of Chemistry, 2006, 84, 309-318.	1.1	64
453	Femtosecond Spectroscopy and Dynamics of the Azulenylosquaric Dye, a Nearâ€infrared Nonfluorogenic Quencher. Journal of the Chinese Chemical Society, 2006, 53, 1275-1283.	1.4	0
454	The Empirical Correlation Between Size and Two-Photon Absorption Cross Section of CdSe and CdTe Quantum Dots. Small, 2006, 2, 1308-1313.	10.0	196
455	Two-photon absorption chromophores with a tunable [2,2â€2]bithiophene core. Tetrahedron, 2006, 62, 8467-8473.	1.9	12
456	Isomerization reactions of RSNO (R=H, C n H2n+1 n≤4). Theoretical Chemistry Accounts, 2006, 117, 145-152.	1.4	15
457	Osmium―and Rutheniumâ€Based Phosphorescent Materials: Design, Photophysics, and Utilization in OLED Fabrication. European Journal of Inorganic Chemistry, 2006, 2006, 3319-3332.	2.0	233
458	Spectroscopy and Femtosecond Dynamics of Type-II CdTe/CdSe Core-Shell Quantum Dots. ChemPhysChem, 2006, 7, 222-228.	2.1	42
459	Femtosecond Dynamics on 2-(2′-Hydroxy-4′-diethylaminophenyl)benzothiazole: Solvent Polarity in the Excited-State Proton Transfer. ChemPhysChem, 2006, 7, 1372-1381.	2.1	55
460	A New Family of Homoleptic Ir(III) Complexes: Tris-Pyridyl Azolate Derivatives with Dual Phosphorescence. ChemPhysChem, 2006, 7, 2294-2297.	2.1	114
461	Orange and Red Organic Light-Emitting Devices Employing Neutral Ru(II) Emitters: Rational Design and Prospects for Color Tuning. Advanced Functional Materials, 2006, 16, 1615-1626.	14.9	130
462	Photoinduced electron transfer across linearly fused oligo-norbornyl structures. Tetrahedron, 2005, 61, 6967-6975.	1.9	13
463	Preparation of Pt nanoparticles on carbon nanotubes and graphite nanofibers via self-regulated reduction of surfactants and their application as electrochemical catalyst. Electrochemistry Communications, 2005, 7, 453-458.	4.7	61
464	Heteroleptic Cyclometalated Iridium(III) Complexes Displaying Blue Phosphorescence in Solution and Solid State at Room Temperature. Inorganic Chemistry, 2005, 44, 7770-7780.	4.0	210
465	Switching Luminescent Properties in Osmium-Based β-Diketonate Complexes. ChemPhysChem, 2005, 6, 2012-2017.	2.1	88
466	Yellow and Red Electrophosphors Based on Linkage Isomers of Phenylisoquinolinyliridium Complexes: Distinct Differences in Photophysical and Electroluminescence Properties. Advanced Functional Materials, 2005, 15, 387-395.	14.9	146
467	In Search of High-Performance Platinum(II) Phosphorescent Materials for the Fabrication of Red Electroluminescent Devices. Advanced Functional Materials, 2005, 15, 223-229.	14.9	158
468	Rational Color Tuning and Luminescent Properties of Functionalized Boron-Containing 2-Pyridyl Pyrrolide Complexes. Advanced Functional Materials, 2005, 15, 567-574.	14.9	113

#	Article	IF	CITATIONS
469	Organic Light-Emitting Diodes based on Charge-Neutral Rull Phosphorescent Emitters. Advanced Materials, 2005, 17, 1059-1064.	21.0	158
470	Probing Lectin and Sperm with Carbohydrate-Modified Quantum Dots. ChemBioChem, 2005, 6, 1899-1905.	2.6	85
471	Interplay between Intra- and Interligand Charge Transfer with Variation of the Axial N-Heterocyclic Ligand in Osmium(II) Pyridylpyrazolate Complexes: Extensive Color Tuning by Phosphorescent Solvatochromism. Chemistry - A European Journal, 2005, 11, 6347-6357.	3.3	32
472	Highly Fluorescent Pyreno[2,1-b]pyrroles: First Syntheses, Crystal Structure, and Intriguing Photophysical Properties ChemInform, 2005, 36, no.	0.0	0
473	Type-II CdSe/CdTe/ZnTe (Core-Shell-Shell) Quantum Dots with Cascade Band Edges: The Separation of Electron (at CdSe) and Hole (at ZnTe) by the CdTe Layer. Small, 2005, 1, 1215-1220.	10.0	69
474	Organic light-emitting diodes based on charge-neutral Os(ii) emitters: generation of saturated red emission with very high external quantum efficiency. Journal of Materials Chemistry, 2005, 15, 460.	6.7	132
475	The Phane Properties ofanti-[2.2](1,4)Biphenylenophane. Journal of Organic Chemistry, 2005, 70, 3560-3568.	3.2	23
476	Spectroscopy and Femtosecond Dynamics of 7-N,N-Diethylamino-3-hydroxyflavone. The Correlation of Dipole Moments among Various States To Rationalize the Excited-State Proton Transfer Reaction. Journal of Physical Chemistry A, 2005, 109, 11696-11706.	2.5	37
477	Synthesis, Characterization, and Photophysical Properties of Os(II) Diimine Complexes [Os(Nâ^§N)(CO)2I2] (Nâ^§N = Bipyridine, Phenanthroline, and Pyridyl Benzoxazole). Inorganic Chemistry, 2005, 44, 4287-4294.	4.0	60
478	Stereoselective Recognition of Tripeptides Guided by Encoded Library Screening:Â Construction of Chiral Macrocyclic Tetraamide Ruthenium Receptor for Peptide Sensing. Journal of Organic Chemistry, 2005, 70, 2026-2032.	3.2	15
479	Efficient Red-Emitting Cyclometalated Iridium(III) Complexes Containing Lepidine-Based Ligands. Inorganic Chemistry, 2005, 44, 5677-5685.	4.0	152
480	Two-Stage Sensing Property via a Conjugated Donorâ^'Acceptorâ^'Donor Constitution:  Application to the Visual Detection of Mercuric Ion. Journal of Organic Chemistry, 2005, 70, 5827-5832.	3.2	74
481	Femtosecond Dynamics on Excited-State Proton/ Charge-Transfer Reaction in 4â€~-N,N-Diethylamino-3-hydroxyflavone. The Role of Dipolar Vectors in Constructing a Rational Mechanism. Journal of Physical Chemistry A, 2005, 109, 3777-3787.	2.5	126
482	Syntheses and photophysical properties of type-II CdSe/ZnTe/ZnS (core/shell/shell) quantum dots. Journal of Materials Chemistry, 2005, 15, 3409.	6.7	60
483	Dual Room-Temperature Fluorescent and Phosphorescent Emission in 8-Quinolinolate Osmium(II) Carbonyl Complexes:Â Rationalization and Generalization of Intersystem Crossing Dynamics. Inorganic Chemistry, 2005, 44, 4594-4603.	4.0	56
484	Iridium(III) Complexes with Orthometalated Quinoxaline Ligands:Â Subtle Tuning of Emission to the Saturated Red Color. Inorganic Chemistry, 2005, 44, 1344-1353.	4.0	276
485	Synthesis, Characterization, and Photophysical Properties of Iridium Complexes with an 8-Phenylquinoline Framework. The First Six-Membered Chelated Iridium Complexes for Electroluminance. Organometallics, 2005, 24, 1329-1335.	2.3	68
486	Design and synthesis of intramolecular hydrogen bonding systems. Their application in metal cation sensing based on excited-state proton transfer reaction. Tetrahedron, 2004, 60, 11861-11868.	1.9	26

#	Article	IF	CITATIONS
487	Rhodizonate Metal Complexes with a 2D Chairlike M6 Metal–Organic Framework:[M(C6O6)(bpym)(H2O)]â‹n H2O. Angewandte Chemie - International Edition, 2004, 43, 4507-4	4510.	25
488	Bright and Efficient, Non-Doped, Phosphorescent Organic Red-Light-Emitting Diodes. Advanced Functional Materials, 2004, 14, 1221-1226.	14.9	162
489	Furan-Containing Oligoaryl Cyclophanene. ChemInform, 2004, 35, no.	0.0	0
490	A Remarkable Ligand Orientational Effect in Osmium-Atom-Induced Blue Phosphorescence. Chemistry - A European Journal, 2004, 10, 6255-6264.	3.3	66
491	One-pot synthesis and characterization of high-quality CdSe/ZnX (X=S, Se) nanocrystals via the CdO precursor. Journal of Crystal Growth, 2004, 265, 250-259.	1.5	41
492	Fluorescent and Circular Dichroic Detection of Monosaccharides by Molecular Sensors:Â Bis[(Pyrrolyl)ethynyl]naphthyridine and Bis[(Indolyl)ethynyl]naphthyridine. Journal of the American Chemical Society, 2004, 126, 3559-3566.	13.7	94
493	Highly Fluorescent Pyreno[2,1-b]pyrroles:Â First Syntheses, Crystal Structure, and Intriguing Photophysical Properties. Journal of Organic Chemistry, 2004, 69, 6674-6678.	3.2	28
494	Solvent-Polarity Tuning Excited-State Charge Coupled Proton-Transfer Reaction in p-N,N-Ditolylaminosalicylaldehydes. Journal of Physical Chemistry A, 2004, 108, 6487-6498.	2.5	108
495	Multiple Hydrogen Bonds Tuning Guest/Host Excited-State Proton Transfer Reaction:Â Its Application in Molecular Recognition. Journal of the American Chemical Society, 2004, 126, 1650-1651.	13.7	48
496	Probing Triplet State Properties of Organic Chromophores via Design and Synthesis of Os(II)-Diketonate Complexes:Â The Triplet State Intramolecular Charge Transfer. Journal of Physical Chemistry B, 2004, 108, 19908-19911.	2.6	21
497	Spectroscopy and Femtosecond Dynamics of Type-II CdSe/ZnTe Coreâ^'Shell Semiconductor Synthesized via the CdO Precursor. Journal of Physical Chemistry B, 2004, 108, 10687-10691.	2.6	84
498	A New Series of Pyrimidine-Containing Linear Molecules:Â Their Elegant Crystal Structures and Intriguing Photophysical Properties. Journal of Organic Chemistry, 2004, 69, 8038-8044.	3.2	16
499	Structural Characterization and Luminescence Behavior of a Silver(I) 1D Polymeric Chain Constructed via a Bridge with Unusual 4,5-Diazospirobifluorene and Perchlorate. Inorganic Chemistry, 2004, 43, 4781-4783.	4.0	57
500	Site-Selective DNA Photocleavage Involving Unusual Photoinitiated Tautomerization of Chiral Tridentate Vanadyl(V) Complexes Derived fromN-Salicylidene α-Amino Acids. Organic Letters, 2004, 6, 4471-4474.	4.6	55
501	Highly Efficient Red Phosphorescent Osmium(II) Complexes for OLED Applications. Organometallics, 2004, 23, 3745-3748.	2.3	162
502	Tuning Excited-State Charge/Proton Transfer Coupled Reaction via the Dipolar Functionality. Journal of Physical Chemistry A, 2004, 108, 6452-6454.	2.5	85
503	Highly Efficient Red Electrophosphorescent Devices Based on Iridium Isoquinoline Complexes: Remarkable External Quantum Efficiency Over a Wide Range of Current. Advanced Materials, 2003, 15, 884-888.	21.0	367
504	Dynamics of ground-state reverse proton transfer in the 7-azaindole/carboxylic acid systems. Chemical Physics Letters, 2003, 370, 139-146.	2.6	9

#	Article	IF	CITATIONS
505	Studies of the triplet state of the proton-transfer tautomer in salicylaldehydes. Chemical Physics Letters, 2003, 370, 747-755.	2.6	10
506	Photoinduced electron transfer reaction tuned by donor–acceptor pairs via the rigid, linear spacer heptacyclo[6.6.0.02,6.03,13.04,11.05,9.010,14]tetradecane. Tetrahedron, 2003, 59, 5719-5730.	1.9	22
507	Syntheses and remarkable photophysical properties of 5-(2-pyridyl) pyrazolate boron complexes; photoinduced electron transferElectronic supplementary information (ESI) available: Photophysical experimental details, the spectral data of all boron complexes, and crystal data of 2a. See	4.1	64
508	Synthesis and characterization of luminescent osmium(ii) carbonyl complexes based on chelating dibenzoylmethanate and halide ligandsElectronic supplementary information (ESI) available: experimental details and the spectral data of all isolated Os complexes. See http://www.rsc.org/suppdata/cc/b3/b308340c/. Chemical Communications, 2003, , 3046.	4.1	24
509	Comprehensive Studies on Dual Excitation Behavior of Double Proton versus Charge Transfer in 4-(N-Substituted amino)-1H-pyrrolo[2,3-b]pyridines. Journal of Physical Chemistry A, 2003, 107, 1459-1471.	2.5	25
510	Comment on "On the Evidence Obtained by Exciting 7-Azaindole at 320 nm in 10-2 M Solutions― Journal of Physical Chemistry A, 2003, 107, 5640-5641.	2.5	5
511	Ground and Excited-State Acetic Acid Catalyzed Double Proton Transfer in 2-Aminopyridineâ€. Journal of Physical Chemistry A, 2003, 107, 3244-3253.	2.5	47
512	Synthesis and Characterization of Metal Complexes Possessing the 5-(2-Pyridyl) Pyrazolate Ligands:Â The Observation of Remarkable Osmium-Induced Blue Phosphorescence in Solution at Room Temperature. Organometallics, 2003, 22, 4938-4946.	2.3	103
513	Furan-Containing Oligoaryl Cyclophanene. Organic Letters, 2003, 5, 4381-4384.	4.6	29
514	Electrogenerated Chemiluminescence. 76. Excited Singlet State Emission vs Excimer Emission in Ter(9,9-diarylfluorene)s. Journal of Physical Chemistry B, 2003, 107, 14407-14413.	2.6	69
515	Excited-State Intramolecular Proton Transfer in Five-Membered Hydrogen-Bonding Systems:Â 2-Pyridyl Pyrazoles. Journal of the American Chemical Society, 2003, 125, 10800-10801.	13.7	164
516	Timeâ€Resolved Thermal Lensing Studies on Metastable Species. Journal of the Chinese Chemical Society, 2003, 50, 31-39.	1.4	4
517	Self-Complementarity of Oligo-2-aminopyridines:Â A New Class of Hydrogen-Bonded Ladders. Journal of the American Chemical Society, 2002, 124, 4287-4297.	13.7	48
518	Proton-Transfer Tautomerism in 10-Hydroxybenzo[h]quinolines:Â Heavy Atom Effects and Non-Hydrogen-Bonded Photorotamer Formation in 77 K Glassy Matrixes. Journal of Physical Chemistry A, 2002, 106, 5967-5973.	2.5	26
519	Excited-State Double-Proton Transfer on 3-Methyl-7-azaindole in a Single Crystal:  Deuterium Isotope/Tunneling Effect. Journal of Physical Chemistry A, 2002, 106, 8006-8012.	2.5	25
520	2,7-Bis(1H-pyrrol-2-yl)ethynyl-1,8naphthyridine:  An Ultrasensitive Fluorescent Probe for Glucopyranoside. Organic Letters, 2002, 4, 3107-3110.	4.6	48
521	Syntheses and spectroscopic studies of spirobifluorene-bridged bipolar systems; photoinduced electron transfer reactionsElectronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b2/b208269a/. Chemical Communications, 2002, , 2874-2875.	4.1	85
522	Comment on the Communication "Highly Efficient White Organic Electroluminescence from a Double-Layer Device Based on a Boron Hydroxyphenylpyridine Complex―by Wang et al Angewandte Chemie - International Edition, 2002, 41, 2273.	13.8	0

#	Article	IF	CITATIONS
523	Photoinduced electron transfer reactions across rigid linear spacer groups of high symmetry. Tetrahedron Letters, 2002, 43, 8115-8119.	1.4	11
524	Excited-State Intramolecular Proton Transfer in 10-Hydroxybenzo[h]quinoline. Journal of Physical Chemistry A, 2001, 105, 1731-1740.	2.5	206
525	Proton-Transfer Tautomerism of $\hat{l}^2$ -Carbolines Mediated by Hydrogen-Bonded Complexes. Journal of Physical Chemistry B, 2001, 105, 10674-10683.	2.6	37
526	Dual Excitation Behavior of Double Proton Transfer versus Charge Transfer in 4-(N-Substituted) Tj ETQqO 0 0 rgBT the American Chemical Society, 2001, 123, 12119-12120.	/Overlock 13.7	10 Tf 50 62 30
527	Water-Catalyzed Excited-State Double Proton Transfer in 3-Cyano-7-azaindole:Â The Resolution of the Proton-Transfer Mechanism for 7-Azaindoles in Pure Water. Journal of the American Chemical Society, 2001, 123, 3599-3600.	13.7	61
528	The Ground- and Excited-State (1nï€* and1ï€ï€*) Carboxylic Acid-Catalyzed Proton (Hydrogen) Tj ETQqO O O rgBT , 10475-10482.	Overlock 2.5	10 Tf 50 54 15
529	Spectroscopy and dynamics of excited-state intramolecular proton-transfer reaction in 5-hydroxyflavone. Chemical Physics Letters, 2001, 340, 89-97.	2.6	69
530	The Host/Guest Type of Excitedâ€State Proton Transfer; a General Review. Journal of the Chinese Chemical Society, 2001, 48, 651-682.	1.4	92
531	Synthesis, Characterization, and Highly Efficient Catalytic Reactivity of Suspended Palladium Nanoparticles. Journal of Catalysis, 2000, 195, 336-341.	6.2	109
532	Excited-State Amineâ^'Imine Double Proton Transfer in 7-Azaindoline. Journal of Physical Chemistry B, 2000, 104, 7818-7829.	2.6	159
533	Excited-State Double Proton Transfer in 3-Formyl-7-azaindole: Role of thenπ*State in Proton-Transfer Dynamics. Journal of Physical Chemistry A, 2000, 104, 8863-8871.	2.5	26
534	Excited-State Aminoâ^'Imino Double-Proton Tautomerism in Adenine Nucleotide Analogues Catalyzed by Carboxylic Acids. Journal of the American Chemical Society, 2000, 122, 9322-9323.	13.7	25
535	Excited-State Double Proton Transfer on 3-lodo-7-Azaindole Dimer in a Single Crystal. Journal of the American Chemical Society, 2000, 122, 986-987.	13.7	43
536	Photodissociation of I2 in solution: the observation of solvent-dependent near-infrared emission associated with I( )–solvent interaction. Chemical Physics Letters, 1999, 299, 327-333.	2.6	0
537	Direct Spectroscopic Evidence for ΔgO2Production from the Photolysis of Vanadium(V)-Peroxo Complexes in Aqueous Solution. Photochemistry and Photobiology, 1999, 70, 745-750.	2.5	2
538	Proton-Transfer Tautomerism of 7-Hydroxyquinolines Mediated by Hydrogen-Bonded Complexes. Journal of Physical Chemistry A, 1999, 103, 1939-1949.	2.5	75
539	Excited-State Double Proton Transfer in 7-Azaindole Analogues:Â Observation of Molecular-Based Tuning Proton-Transfer Tautomerism. Journal of the American Chemical Society, 1999, 121, 12186-12187.	13.7	21
540	Photoinduced Double Proton Tautomerism in 4-Azabenzimidazole. Journal of Physical Chemistry B, 1999, 103, 10042-10052.	2.6	23

#	Article	IF	CITATIONS
541	Direct Spectroscopic Evidence for 1î"gO2 Production from the Photolysis of Vanadium(V)-Peroxo Complexes in Aqueous Solution. Photochemistry and Photobiology, 1999, 70, 745.	2.5	3
542	Photophysical properties of (O2(1î"g))2 in solution phase. Chemical Physics Letters, 1998, 294, 579-583.	2.6	5
543	Conjugated Dual Hydrogen-Bond Mediating Proton-Transfer Reaction in 3-Hydroxyisoquinoline. Journal of Physical Chemistry B, 1998, 102, 1053-1064.	2.6	27
544	Comment on "Ground-State Triple Proton Transfer in 7-Hydroxyquinoline. 4. Observation in Room-Temperature Methanol and Aqueous Solutions― Journal of Physical Chemistry B, 1998, 102, 3305-3305.	2.6	4
545	Ground-State Reverse Double Proton Transfer of 7-Azaindole. Journal of the American Chemical Society, 1998, 120, 12927-12934.	13.7	47
546	Evidence on the O2(1Δg) Dimol-Sensitized Luminescence in Solution. Journal of the American Chemical Society, 1998, 120, 4883-4884.	13.7	18
547	Roomâ€Temperature Nearâ€Infrared Metastable Species Measured by Phaseâ€Sensitive Lockâ€in and Fourier Transform Techniques. Journal of the Chinese Chemical Society, 1998, 45, 503-508.	1.4	2
548	Conjugated Dual Hydrogen Bonds Mediating 2-Pyridone/2-Hydroxypyridine Tautomerism. Journal of Physical Chemistry B, 1997, 101, 9119-9126.	2.6	73
549	Photophysical Properties of (O2(1î"g))2and O2(1) in Solution Phase. Journal of Physical Chemistry A, 1997, 101, 8581-8586.	2.5	19
550	The sensitized O2(1Δg) dimol luminescence in solution. Chemical Physics Letters, 1997, 280, 134-140.	2.6	12
551	Direct Spectroscopic Evidence of Photosensitized O2 765 nm (1Σ+g → 3Σ-g) and O2 Dimol 634 and 703 nm ((1Δg)2 → (3Σ-g)2) Vibronic Emission in Solution. Journal of the American Chemical Society, 1996, 118, 3031-3032.	13.7	46
552	Photophysics of 10-Hydroxybenzo[h]quinoline in Aqueous Solution. The Journal of Physical Chemistry, 1996, 100, 17059-17066.	2.9	57
553	Excited‣tate Double Proton Transfer in 1â€Azacarbazole Hydrogen Bonded Complexes. Journal of the Chinese Chemical Society, 1996, 43, 463-472.	1.4	4
554	Reinvestigation of solvent catalyzed ground-state reverse proton transfer in 7-hydroxyquinoline. Chemical Physics Letters, 1995, 235, 463-470.	2.6	16
555	Synthesis and spectroscopic studies of 4-Formyl-4?-N,N-dimethylamino-1,1?-biphenyl: The unusual red edge effect and efficient laser generation. Journal of Fluorescence, 1995, 5, 369-375.	2.5	22
556	7-Azaindole-Assisted Lactam-Lactim Tautomerization via Excited-State Double Proton Transfer. Journal of the American Chemical Society, 1995, 117, 7259-7260.	13.7	50
557	Structure and Thermodynamics of 7-Azaindole Hydrogen-Bonded Complexes. The Journal of Physical Chemistry, 1995, 99, 11994-12000.	2.9	84
558	Acid Catalysis of Excited-State Double-Proton Transfer in 7-Azaindole. The Journal of Physical Chemistry, 1994, 98, 8801-8805.	2.9	70

#	Article	IF	CITATIONS
559	Excited-state intramolecular proton transfer for N-substituted-3-hydroxypyridinones. Chemical Physics Letters, 1994, 220, 229-234.	2.6	10
560	Photophysics of 2-(4′-Dialkylaminophenyl)Benzothialzoles: Their Application for Near-UV Laser Dyes. Applied Spectroscopy, 1994, 48, 604-606.	2.2	42
561	The observation of solvent-dependent proton-transfer / charge-transfer lasers from 4' -diethylamino-3-hydroxyflavone. Chemical Physics Letters, 1993, 204, 395-399.	2.6	85
562	A comparative study. The photophysics of 2-phenylbenzoxazoles and 2-phenylbenzothiazoles. Chemical Physics Letters, 1993, 216, 300-304.	2.6	36
563	Photooxygenation of 3-hydroxyflavone and molecular design of the radiation-hard scintillator based on the excited-state proton transfer. Radiation Physics and Chemistry, 1993, 41, 373-378.	2.8	68
564	REINVESTIGATION OF THE PHOTOPHYSICS OF 2-(2'-HYDROXY-4'-DIETHYLAMINOPHENYL)BENZOTHIAZOLE. Photochemistry and Photobiology, 1993, 57, 593-596.	2.5	4
565	Direct evidence of excited-state intramolecular proton transfer in 2'-hydroxychalcone and photooxygenation forming 3-hydroxyflavone. Journal of the American Chemical Society, 1992, 114, 4943-4944.	13.7	34
566	Studies of T2→S2 intersystem crossing for coumarins. Chemical Physics Letters, 1992, 188, 49-53.	2.6	11
567	The role of the cis-keto triplet state in the proton transfer cycle of 2-(2′-hydroxyphenyl)benzothiazole. Chemical Physics Letters, 1992, 195, 586-590.	2.6	29
568	A novel excited-state intramolecular proton transfer molecule, 10-hydroxybenzo[h]quinoline. Chemical Physics Letters, 1992, 193, 151-154.	2.6	128
569	Multiple fluorescences in para-N,N-diethylaminosalicylic acid. Chemical Physics Letters, 1992, 198, 188-192.	2.6	5
570	Practical and Convenient 355-nm and 337-nm Sharp-Cut Filters for Multichannel Raman Spectroscopy. Applied Spectroscopy, 1991, 45, 513-515.	2.2	59
571	The Design of an Effective "Fluorescence Filter―for Raman Spectroscopy. Applied Spectroscopy, 1991, 45, 918-921.	2.2	34
572	PHOTOOXYGENATION OF 3-HYDROXYFLAVONE IN A 12 K O2MATRIX. Photochemistry and Photobiology, 1991, 53, 587-593.	2.5	10
573	Studies of the triplet state of 2-(2′-hydroxyphenyl) benzothiazole. Chemical Physics Letters, 1991, 178, 393-398.	2.6	32
574	PHOTOOXYGENATION OF 3-HYDROXYFLAVONE IN A 12 K O2MATRIX. Photochemistry and Photobiology, 1991, 53, 587-593.	2.5	2
575	Direct spectroscopic measurements of 1Δg O2 production by thermodecomposition and UV (266 nm) photolysis of benzaldehyde hydrotrioxide. Chemical Physics Letters, 1990, 174, 46-52.	2.6	8
576	Excited-state proton transfer spectroscopy of 3-hydroxypicolinamide. Chemical Physics Letters, 1989, 161, 361-367.	2.6	11

#	Article	IF	CITATIONS
577	Temperature-dependent study of the ground-state reverse proton transfer of 3-hydroxyflavone. Chemical Physics Letters, 1989, 158, 345-350.	2.6	21
578	Time-resolved O21Δg→3Σgâ^' chemiluminescence upon UV laser photolysis of an aromatic endoperoxide in aqueous solution. Chemical Physics Letters, 1986, 129, 463-467.	2.6	12
579	Sensitization of O21Σg+ → 1Δg emission in solution, and observation of O21Δg → 3Σgâ^ chemiluminescence decomposition of 1,4-dimethylnaphthalene endoperoxide. Chemical Physics Letters, 1985, 122, 87-92.	upon 2.6	56
580	Solvation emission spectral peaks of single molecular oxygen. Chemical Physics Letters, 1984, 103, 281-284.	2.6	17
581	L-ascorbic acid quenching of singlet delta molecular oxygen in aqueous media: Generalized antioxidant property of vitamin C. Biochemical and Biophysical Research Communications, 1983, 115, 932-937.	2.1	122
582	Pyridyl Azolate Based Luminescent Complexes: Strategic Design, Photophysics, and Applications. , 0, , 185-220.		0
583	New Six (Anilido)â€Five (Thiazole) Membered Ring Boron Difluoride Dyes. ChemPhotoChem, 0, , .	3.0	1
584	Revealing Performance Governing Factors of Perovskite Solar Cells via Artifact-Free ToF-SIMS Depth Profiles. , 0, , .		0
585	Comment on "Metalâ€Free Triplet Phosphors with High Emission Efficiency and High Tunability― Angewandte Chemie, 0, , .	2.0	0
586	Multiple emission of phosphonium fluorophores harnessed by the pathways of photoinduced counterion migration. Angewandte Chemie, 0, , .	2.0	1