

# Pi-Tai Chou

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

581  
papers

30,555  
citations

88  
h-index

142  
g-index

614  
ext. papers

33,141  
ext. citations

7.9  
avg, IF

7.22  
L-index

#	Paper	IF	Citations
581	Fabrication of Circularly Polarized MR-TADF Emitters with Asymmetrical Peripheral-Lock Enhancing Helical B/N-Doped Nanographenes (Adv. Mater. 1/2022). <i>Advanced Materials</i> , <b>2022</b> , 34, 2270006	24	
580	A new approach exploiting thermally activated delayed fluorescence molecules to optimize solar thermal energy storage.. <i>Nature Communications</i> , <b>2022</b> , 13, 797	17.4	3
579	Comment on "Metal-Free Triplet Phosphors with High Emission Efficiency and High Tunability".. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> , e202109224	16.4	
578	Combined fluorophore and phosphor conjugation: a new design concept for simultaneous and spatially localized dual lifetime intracellular sensing of oxygen and pH.. <i>Chemical Communications</i> , <b>2021</b> ,	5.8	3
577	Orthogonal carbazole-perylene bisimide pentad: a photoconversion-tunable photosensitizer with diversified excitation and excited-state relaxation pathways. <i>Science China Chemistry</i> , <b>2021</b> , 64, 2193	7.9	1
576	Tailoring C-6-Substituted Coumarin Scaffolds for Novel Photophysical Properties and Stimuli-Responsive Chromism. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 11557-11565	3.4	1
575	Fabrication of Circularly Polarized MR-TADF Emitters with Asymmetrical Peripheral-Lock Enhancing Helical B/N-Doped Nanographenes. <i>Advanced Materials</i> , <b>2021</b> , e2105080	24	22
574	Diindeno[2,1-:2',1'-]biphenylenes: Syntheses, Structural Analyses, and Properties. <i>Organic Letters</i> , <b>2021</b> , 23, 8794-8798	6.2	1
573	A Universal Approach for Controllable Synthesis of n-Specific Layered 2D Perovskite Nanoplates. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 7866-7872	16.4	10
572	Rational Tuning of Bis-Tridentate Ir(III) Phosphors to Deep-Blue with High Efficiency and Sub-microsecond Lifetime. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 15437-15447	9.5	12
571	A Universal Approach for Controllable Synthesis of n-Specific Layered 2D Perovskite Nanoplates. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 7945-7951	3.6	2
570	Boost reactivity of tri-iodide reduction electrode by highly faceted octahedral PtNi nanocrystals. <i>Journal of Catalysis</i> , <b>2021</b> , 396, 297-303	7.3	1
569	Cyano Derivatives of 7-Aminoquinoline That Are Highly Emissive in Water: Potential for Sensing Applications. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8040-8047	4.8	1
568	A New Molecular Recognition Concept: Multiple Hydrogen Bonds and Their Optically Triggered Proton Transfer in Confined Metal-Organic Frameworks for Superior Sensing Element. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 22457-22465	9.5	7
567	New [2,2]Fluorenophanes Give Insights into Asymmetric Charge Transfer-Mediated Exciton Delocalization along the $\pi$ -Packing Direction. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8678-8683	4.8	1
566	Cationic Organophosphorus Chromophores: A Diamond in the Rough among Ionic Dyes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 537-552	4.8	6
565	Fluorescent Chromophores Containing the Nitro Group: Relatively Unexplored Emissive Properties. <i>ChemPlusChem</i> , <b>2021</b> , 86, 11-27	2.8	16

564	Counterion Migration Driven by Light-Induced Intramolecular Charge Transfer. <i>Jacs Au</i> , <b>2021</b> , 1, 282-293		3
563	Through-Space Exciton Delocalization in Segregated HJ-Crystalline Molecular Aggregates. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 943-953	2.8	6
562	Broadening the Horizon of the Bell-Evans-Polanyi Principle towards Optically Triggered Structure Planarization. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 7281-7288	3.6	2
561	Curcumin-loaded mesoporous silica nanoparticles with dual-imaging and temperature control inhibits the infection of Zika virus. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 314, 110886	5.3	2
560	Vertical 2D/3D Heterojunction of Tin Perovskites for Highly Efficient HTM-Free Perovskite Solar Cell. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 2041-2048	6.1	7
559	Broadening the Horizon of the Bell-Evans-Polanyi Principle towards Optically Triggered Structure Planarization. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 7205-7212	16.4	9
558	Correlation between Kinetics and Thermodynamics for Excited-State Intramolecular Proton Transfer Reactions. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 6611-6620	2.8	2
557	Chapter Open for the Excited-State Intramolecular Thiol Proton Transfer in the Room-Temperature Solution. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12715-12724	16.4	8
556	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. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 7482-7489	6.4	0
555	Tuning the Circular Dichroism and Circular Polarized Luminescence Intensities of Chiral 2D Hybrid Organic-Inorganic Perovskites through Halogenation of the Organic Ions. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 21434-21440	16.4	12
554	Functionalizing Collagen with Vessel-Penetrating Two-Photon Phosphorescence Probes: A New In Vivo Strategy to Map Oxygen Concentration in Tumor Microenvironment and Tissue Ischemia. <i>Advanced Science</i> , <b>2021</b> , 8, e2102788	13.6	1
553	Tuning the Circular Dichroism and Circular Polarized Luminescence Intensities of Chiral 2D Hybrid Organic-Inorganic Perovskites through Halogenation of the Organic Ions. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 21604-21610	3.6	5
552	Can Nanocavities Significantly Enhance Resonance Energy Transfer in a Single Donor-Acceptor Pair?. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 18119-18128	3.8	3
551	The role of host-guest interactions in organic emitters employing MR-TADF. <i>Nature Photonics</i> , <b>2021</b> , 15, 780-786	33.9	21
550	High efficiency green InP quantum dot light-emitting diodes by balancing electron and hole mobility. <i>Communications Materials</i> , <b>2021</b> , 2,	6	20
549	Lifetime oxygen sensors based on block copolymer micelles and non-covalent human serum albumin adducts bearing phosphorescent near-infrared iridium(III) complex. <i>European Polymer Journal</i> , <b>2021</b> , 159, 110761	5.2	1
548	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. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 2381-2391	7.1	2
547	Homoleptic Ir(III) Phosphors with 2-Phenyl-1,2,4-triazol-3-ylidene Chelates for Efficient Blue Organic Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	5

546	The distinct O quenching mechanism between fluorescence and phosphorescence for dyes adsorbed on silica gel. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 27144-27156	3.6	2
545	New exciplex systems composed of triazatruxene donors and N-heteroarene-cored acceptors. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 2029-2039	7.8	9
544	Fluorescence Probes Exhibit Photoinduced Structural Planarization: Sensing and Microscopic Dynamics of Viscosity Free from Polarity Interference. <i>ACS Chemical Biology</i> , <b>2020</b> , 15, 1862-1873	4.9	16
543	Highly Efficient Near-Infrared Electroluminescence up to 800 nm Using Platinum(II) Phosphors. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2002173	15.6	24
542	Versatile Pt(II) Pyrazolate Complexes: Emission Tuning via Interplay of Chelate Designs and Stacking Assemblies. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 16679-16690	9.5	15
541	Insights into energy transfer pathways between the exciplex host and fluorescent guest: attaining highly efficient 710 nm electroluminescence. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 5704-5714	7.1	6
540	Tuning Electron-Withdrawing Strength on Phenothiazine Derivatives: Achieving 100 % Photoluminescence Quantum Yield by NO Substitution. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 7124-7130	4.8	13
539	Highly Emissive Dinuclear Platinum(III) Complexes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 7469-7479	16.4	36
538	Overcoming the energy gap law in near-infrared OLEDs by exciton-vibration decoupling. <i>Nature Photonics</i> , <b>2020</b> , 14, 570-577	33.9	92
537	Diversified Excited-State Relaxation Pathways of Donor-Linker-Acceptor Dyads Controlled by a Bent-to-Planar Motion of the Donor. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18611-18618	16.4	10
536	Perylene Bisimide and Naphthyl-Based Molecular Dyads: Hydrogen Bonds Driving Co-planarization and Anomalous Temperature-Response Fluorescence. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 8657-8663	3.6	3
535	Methoxy substituents activated carbazole-based boron dimesityl TADF emitters. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 4780-4788	7.1	16
534	Perylene Bisimide and Naphthyl-Based Molecular Dyads: Hydrogen Bonds Driving Co-planarization and Anomalous Temperature-Response Fluorescence. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8579-8585	16.4	16
533	Control of $\pi$ -stacking in carbazole-benzimidazo[1,2-f]phenanthridines: the design of electron-transporting bipolar hosts for phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 3571-3579	7.1	6
532	Delayed Charge Recombination by Open-Shell Organics: Its Application in Achieving Superb Photodetectors with Broadband (400-1600 nm) Ultrahigh Sensitivity and Stability. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1902179	8.1	3
531	Validated Analysis of Component Distribution Inside Perovskite Solar Cells and Its Utility in Unveiling Factors of Device Performance and Degradation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 22730-22740	9.5	11
530	Exploiting racemism enhanced organic room-temperature phosphorescence to demonstrate Wallach's rule in the lighting chiral chromophores. <i>Nature Communications</i> , <b>2020</b> , 11, 2145	17.4	36
529	How an Eight-Membered Ring Alters the Rhodamine Chromophore. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 5973-5980	4.2	

528	Toward the Rational Design of Universal Dual Polarity Matrix for MALDI Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 7139-7145	7.8	8
527	Unveiling the structural features of nonnative trimers of human superoxide dismutase 1. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2020</b> , 1864, 129483	4	3
526	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. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 2724-2732	9.5	10
525	Roles of Ancillary Chelates and Overall Charges of Bis-tridentate Ir(III) Phosphors for OLED Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 1084-1093	9.5	20
524	Thermal and angular dependence of next-generation photovoltaics under indoor lighting. <i>Progress in Photovoltaics: Research and Applications</i> , <b>2020</b> , 28, 111-121	6.8	8
523	Diversified Excited-State Relaxation Pathways of Donor-Linker-Acceptor Dyads Controlled by a Bent-to-Planar Motion of the Donor. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18770-18777	3.6	2
522	[2,2](5,8)Picenophanediene: Syntheses, Structural Analyses, Molecular Dynamics, and Reversible Intramolecular Structure Conversion. <i>Journal of the American Chemical Society</i> , <b>2020</b> ,	16.4	6
521	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. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 25538-25546	3.8	2
520	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. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 9468-9475	6.4	3
519	Excited-state intramolecular proton transfer in the kinetic-control regime. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 22271-22278	3.6	18
518	Superior Stability and Emission Quantum Yield (23% ± 3%) of Single-Layer 2D Tin Perovskite TEA SnI <sub>3</sub> via Thiocyanate Passivation. <i>Small</i> , <b>2020</b> , 16, e2000903	11	8
517	Low-toxicity FePt nanoparticles for the targeted and enhanced diagnosis of breast tumors using few centimeters deep whole-body photoacoustic imaging. <i>Photoacoustics</i> , <b>2020</b> , 19, 100179	9	10
516	Near-Infrared Emission Induced by Shortened Pt-Pt Contact: Diplatinum(II) Complexes with Pyridyl Pyrimidinato Cyclometalates. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 13892-13901	5.1	18
515	Ratiometric Tuning of Luminescence: Interplay between the Locally Excited and Interligand Charge-Transfer States in Pyrazolate-Based Boron Compounds. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 4022-4028	3.8	14
514	Mechanochromism induced through the interplay between excimer reaction and excited state intramolecular proton transfer. <i>Communications Chemistry</i> , <b>2019</b> , 2,	6.3	19
513	Harnessing Dielectric Confinement on Tin Perovskites to Achieve Emission Quantum Yield up to 21. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 10324-10330	16.4	47
512	Polystyrene with Persistently Enhanced Fluorescence: Photo-Induced Atom Transfer Radical Polymerization Using a Pyrene-Based Initiator. <i>ChemPhotoChem</i> , <b>2019</b> , 3, 1153-1161	3.3	3
511	Sulfur-Based Intramolecular Hydrogen-Bond: Excited-State Hydrogen-Bond On/Off Switch with Dual Room-Temperature Phosphorescence. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 9885-9894	16.4	41

510	Cross-linkable hole transporting layers boost operational stability of high-performance quantum dot light-emitting device. <i>Organic Electronics</i> , <b>2019</b> , 71, 206-211	3.5	7
509	Functional Pyrimidinyl Pyrazolate Pt(II) Complexes: Role of Nitrogen Atom in Tuning the Solid-State Stacking and Photophysics. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1900923	15.6	38
508	Enhancing the Catalytic Activity of Tri-iodide Reduction by Tuning the Surface Electronic Structure of PtPd Alloy Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2019</b> ,	3.8	6
507	Designed Conformation and Fluorescence Properties of Self-Assembled Phenazine-Cored Platinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 5535-5543	16.4	51
506	In vivo imaging of insulin-secreting human pancreatic ductal cells using MRI reporter gene technique: A feasibility study. <i>Magnetic Resonance in Medicine</i> , <b>2019</b> , 82, 763-774	4.4	3
505	Low Internal Reorganization Energy of the Metal-to-Ligand Charge Transfer Emission in Dimeric Pt(II) Complexes. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 10225-10236	3.8	24
504	Diindeno-Fused Dibenzo[a,h]anthracene and Dibenzo[c,l]chrysene: Syntheses, Structural Analyses, and Properties. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 7280-7284	4.8	2
503	Intramolecular Phosphacyclization: Polyaromatic Phosphonium P-Heterocycles with Wide-Tuning Optical Properties. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 6332-6341	4.8	25
502	A Facile Molecular Machine: Optically Triggered Counterion Migration by Charge Transfer of Linear Donor-Acceptor Phosphonium Fluorophores. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 13590-13599	3.6	7
501	A Facile Molecular Machine: Optically Triggered Counterion Migration by Charge Transfer of Linear Donor-Acceptor Phosphonium Fluorophores. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 13456-13465	16.4	24
500	Phenothiazine Scope: Steric Strain Induced Planarization and Excimer Formation. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 13431-13435	3.6	9
499	Phenothiazine Scope: Steric Strain Induced Planarization and Excimer Formation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 13297-13301	16.4	22
498	Bending-Type Electron Donor-Acceptor Triad: Dual Excited-State Charge-Transfer Coupled Structural Relaxation. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 5981-5992	9.6	35
497	Mono-Heteroatom Substitution for Harnessing Excited-State Structural Planarization of Dihydrodibenzo[a,c]phenazines. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 16755	4.8	9
496	Catalytic-Type Excited-State N-H Proton-Transfer Reaction in 7-Aminoquinoline and Its Derivatives. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 14972-14982	4.8	8
495	Reactions of Cyclometalated Platinum(II) [Pt(NC)(PR)Cl] Complexes with Imidazole and Imidazole-Containing Biomolecules: Fine-Tuning of Reactivity and Photophysical Properties via Ligand Design. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 204-217	5.1	19
494	The Cyclic Hydrogen-Bonded 6-Azaindole Trimer and its Prominent Excited-State Triple-Proton-Transfer Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 5020-5024	16.4	6
493	Excited-State Proton Transfer in 3-Cyano-7-azaindole: From Aqueous Solution to Ice. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 2479-2484	2.8	8



492	Luminescent Iridium Complexes with Bridging Pyrazolates: Characterization and Fabrication of OLEDs Using Vacuum Thermal Deposition. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1800083	8.1	25
491	Syntheses and Excited-State Intramolecular Proton Transfer of 3-Hydroxythioflavone and Its Sulfone Analogue. <i>ChemPhotoChem</i> , <b>2018</b> , 2, 475-480	3.3	6
490	The Cyclic Hydrogen-Bonded 6-Azaindole Trimer and its Prominent Excited-State Triple-Proton-Transfer Reaction. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5114-5118	3.6	3
489	Solar Cells: PtCoFe Nanowire Cathodes Boost Short-Circuit Currents of Ru(II)-Based Dye-Sensitized Solar Cells to a Power Conversion Efficiency of 12.29% (Adv. Funct. Mater. 3/2018). <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1870020	15.6	
488	Unveiling the water-associated conformational mobility in the active site of ascorbate peroxidase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2018</b> , 1862, 451-459	4	3
487	Strongly Coupled Tin-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. <i>Advanced Materials</i> , <b>2018</b> , 30, e1706592	24	34
486	Optically Triggered Planarization of Boryl-Substituted Phenoxazine: Another Horizon of TADF Molecules and High-Performance OLEDs. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 12886-12896	9.5	57
485	PtCoFe Nanowire Cathodes Boost Short-Circuit Currents of Ru(II)-Based Dye-Sensitized Solar Cells to a Power Conversion Efficiency of 12.29%. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1703282	15.6	45
484	Engineered core-shell magnetic nanoparticle for MR dual-modal tracking and safe magnetic manipulation of ependymal cells in live rodents. <i>Nanotechnology</i> , <b>2018</b> , 29, 015102	3.4	4
483	Bis-Tridentate Iridium(III) Phosphors with Very High Photostability and Fabrication of Blue-Emitting OLEDs. <i>Advanced Science</i> , <b>2018</b> , 5, 1800846	13.6	50
482	Probe exciplex structure of highly efficient thermally activated delayed fluorescence organic light emitting diodes. <i>Nature Communications</i> , <b>2018</b> , 9, 3111	17.4	83
481	Tuning the Conformation and Color of Conjugated Polyheterocyclic Skeletons by Installing ortho-Methyl Groups. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 10028-10032	3.6	17
480	Water-soluble cyclometalated platinum(ii) and iridium(iii) complexes: synthesis, tuning of the photophysical properties, and phosphorescence lifetime imaging.. <i>RSC Advances</i> , <b>2018</b> , 8, 17224-17236	3.7	16
479	Improvement of the Photophysical Performance of Platinum-Cyclometalated Complexes in Halogen-Bonded Adducts. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11475-11484	4.8	25
478	Tuning the Conformation and Color of Conjugated Polyheterocyclic Skeletons by Installing ortho-Methyl Groups. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 9880-9884	16.4	51
477	The influence of tetraphenylethylene moieties on the emissive properties of dipyrrolonaphthyridinediones. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 12306-12313	7.1	4
476	Dendrimer- and copolymer-based nanoparticles for magnetic resonance cancer theranostics. <i>Theranostics</i> , <b>2018</b> , 8, 6322-6349	12.1	54
475	5,14-Diaryldiindeno[2,1-f:1',2'-j]picene: A New Stable [7]Helicene with a Partial Biradical Character. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 14357-14366	16.4	50

- 474 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, 4.5 6
- 473 Correlation among Hydrogen Bond, Excited-State Intramolecular Proton-Transfer Kinetics and Thermodynamics for OH Type Proton-Donor Molecules. *Journal of Physical Chemistry C*, **2018**, 122, 21833-21840 3.8 25
- 472 The azatryptophan-based fluorescent platform for in vitro rapid screening of inhibitors disrupting IKK $\beta$ /NEMO interaction. *Bioorganic Chemistry*, **2018**, 81, 504-511 5.1 4
- 471 Blue-emitting bis-tridentate Ir(III) phosphors: OLED performances vs. substituent effects. *Journal of Materials Chemistry C*, **2018**, 6, 10486-10496 7.1 14
- 470 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 7.1 33
- 469 A silver metal complex as a luminescent probe for enzymatic sensing of glucose in blood plasma and urine. *Dalton Transactions*, **2018**, 47, 8346-8355 4.3 12
- 468 Metalated Ir(III) Complexes Based on the Luminescent Diimine Ligands: Synthesis and Photophysical Study. *Inorganic Chemistry*, **2018**, 57, 6853-6864 5.1 13
- 467 Revisiting Dual Intramolecular Charge-Transfer Fluorescence of Phenothiazine-triphenyltriazine Derivatives. *Journal of Physical Chemistry C*, **2018**, 122, 12215-12221 3.8 38
- 466 Iridium(III) Complexes Bearing Tridentate Chromophoric Chelate: Phosphorescence Fine-Tuned by Phosphine and Hydride Ancillary. *Inorganic Chemistry*, **2018**, 57, 8287-8298 5.1 16
- 465 Amino proton donors in excited-state intramolecular proton-transfer reactions. *Nature Reviews Chemistry*, **2018**, 2, 131-143 34.6 106
- 464 Snapshotting the Excited-State Planarization of Chemically Locked N,N'-Disubstituted Dihydrodibenzo[a,c]phenazines. *Journal of the American Chemical Society*, **2017**, 139, 1636-1644 16.4 87
- 463 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 7.1 55
- 462 Silver Alkynyl-Phosphine Clusters: An Electronic Effect of the Alkynes Defines Structural Diversity. *Organometallics*, **2017**, 36, 480-489 3.8 21
- 461 Room-temperature phosphorescence from small organic systems containing a thiocarbonyl moiety. *Physical Chemistry Chemical Physics*, **2017**, 19, 8896-8901 3.6 14
- 460 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 16.4 34
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