Yun Chi

List of Publications by Year in Descending Order

399 papers	20,247 citations	73 h-index	122 g-index
421 ext. papers	21,516 ext. citations	7.2 avg, IF	6.72 L-index

#	Paper	IF	Citations
399	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels.. *Small*, **2022**, e2106215	11	11
398	Near-Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metal-Free Photosensitizer for Two-Photon-Activated Photodynamic Therapy at the Cell and Small Animal Levels (Small 6/2022). *Small*, **2022**, 18, 2270025	11	
397	Stepwise Access of Emissive Ir(III) Complexes Bearing a Multi-Dentate Heteroaromatic Chelate: Fundamentals and Applications.. *Inorganic Chemistry*, **2022**, 61, 4384-4393	5.1	1
396	Efficient Pyrazolo[5,4-f]quinoxaline Functionalized Os(II) Based Emitter with an Electroluminescence Peak Maximum at 811 nm. *Chemistry - A European Journal*, **2021**, 28, e202103202	4.8	1
395	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	9.5	12
394	21-2: Invited Paper: Platinum(II) Based Near-Infrared Phosphors for Efficient Organic Light-Emitting Diodes with Peak Wavelength Beyond 800 nm. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 254-256	0.5	
393	Revealing the role of 1,2,4-triazolate fragment of blue-emitting bis-tridentate Ir(III) phosphors: photophysical properties, photo-stabilities, and applications. *Materials Today Energy*, **2021**, 20, 100636	7	4
392	High Performance NIR OLEDs with Low Efficiency Roll-Off by Leveraging Os(II) Phosphors and Exciplex Co-Host. *Advanced Functional Materials*, **2021**, 31, 2102787	15.6	6
391	Constructing deep-blue bis-tridentate Ir(III) phosphors with fluorene-based dianionic chelates. *Journal of Materials Chemistry C*, **2021**, 9, 1318-1325	7.1	4
390	38.3: Invited Paper: Platinum(II) Based Phosphors and NIR Organic Light Emitting Diodes. *Digest of Technical Papers SID International Symposium*, **2021**, 52, 486-486	0.5	
389	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	6.4	0
388	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**,	9.5	5
387	Formation of Excimers in Isoquinolinyl Pyrazolate Pt(II) Complexes: Role of Cooperativity Effects. *Inorganic Chemistry*, **2020**, 59, 18253-18263	5.1	8
386	Highly Efficient Near-Infrared Electroluminescence up to 800 nm Using Platinum(II) Phosphors. *Advanced Functional Materials*, **2020**, 30, 2002173	15.6	24
385	Versatile Pt(II) Pyrazolate Complexes: Emission Tuning via Interplay of Chelate Designs and Stacking Assemblies. *ACS Applied Materials & Interfaces*, **2020**, 12, 16679-16690	9.5	15
384	Overcoming the energy gap law in near-infrared OLEDs by exciton–vibration decoupling. *Nature Photonics*, **2020**, 14, 570-577	33.9	92
383	Methoxy substituents activated carbazole-based boron dimesityl TADF emitters. *Journal of Materials Chemistry C*, **2020**, 8, 4780-4788	7.1	16

382	Modulation of Solid-State Aggregation of Square-Planar Pt(II) Based Emitters: Enabling Highly Efficient Deep-Red/Near Infrared Electroluminescence. *Advanced Functional Materials*, **2020**, 30, 2002494	15.6	33
381	Novel Ruthenium Sensitizers Designing for Efficient Light Harvesting under Both Sunlight and Ambient Dim Light. *Solar Rrl*, **2020**, 4, 2000046	7.1	4
380	Boosting Efficiency of Near-Infrared Organic Light-Emitting Diodes with Os(II)-Based Pyrazinyl Azolate Emitters. *Advanced Functional Materials*, **2020**, 30, 1906738	15.6	33
379	Roles of Ancillary Chelates and Overall Charges of Bis-tridentate Ir(III) Phosphors for OLED Applications. *ACS Applied Materials & Interfaces*, **2020**, 12, 1084-1093	9.5	20
378	Iridium(III) Complexes Bearing a Formal Tetradentate Coordination Chelate: Structural Properties and Phosphorescence Fine-Tuned by Ancillaries. *Inorganic Chemistry*, **2020**, 59, 523-532	5.1	14
377	Interlayer Charge Transfer Coupled with Acoustic Phonon in Organic/Inorganic van der Waals Stacked Heterostructures: Self-Assembled Pt(II) Complex on a PtSe2 Monolayer. *Journal of Physical Chemistry C*, **2020**, 124, 25538-25546	3.8	2
376	Methoxy-substituted bis-tridentate iridium(III) phosphors and fabrication of blue organic light emitting diodes. *Journal of Materials Chemistry C*, **2020**, 8, 13590-13602	7.1	9
375	Exploiting the Reactivity of Fluorinated 2-Arylpyridines in Pd-Catalyzed C-H Bond Arylation for the Preparation of Bright Emitting Iridium(III) Complexes. *Inorganic Chemistry*, **2020**, 59, 13898-13911	5.1	4
374	Near-Infrared Emission Induced by Shortened Pt-Pt Contact: Diplatinum(II) Complexes with Pyridyl Pyrimidinato Cyclometalates. *Inorganic Chemistry*, **2019**, 58, 13892-13901	5.1	18
373	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	3.8	14
372	New Spiro-Phenylpyrazole/Dibenzosuberene Derivatives as Hole-Transporting Material for Perovskite Solar Cells. *Solar Rrl*, **2019**, 3, 1900143	7.1	5
371	Functional Pyrimidinyl Pyrazolate Pt(II) Complexes: Role of Nitrogen Atom in Tuning the Solid-State Stacking and Photophysics. *Advanced Functional Materials*, **2019**, 29, 1900923	15.6	38
370	Emissive Iridium(III) Complexes with Phosphorous-Containing Ancillary. *Chemical Record*, **2019**, 19, 1644-1666	6.6	11
369	Heterobimetallic copper(I) complexes bearing both 1,1?-bis(diphenylphosphino)ferrocene and functionalized 3-(2?-pyridyl)-1,2,4-triazole. *New Journal of Chemistry*, **2019**, 43, 4261-4271	3.6	5
368	Realization of Highly Efficient Red Phosphorescence from Bis-Tridentate Iridium(III) Phosphors. *Inorganic Chemistry*, **2019**, 58, 10944-10954	5.1	24
367	Bis-tridentate Ir Phosphors Bearing Two Fused Five-Six-Membered Metallacycles: A Strategy to Improved Photostability of Blue Emitters. *Chemistry - A European Journal*, **2019**, 25, 15375-15386	4.8	20
366	Phenyl- and Pyrazolyl-Functionalized Pyrimidine: Versatile Chromophore of Bis-Tridentate Ir(III) Phosphors for Organic Light-Emitting Diodes. *Chemistry of Materials*, **2019**, 31, 6453-6464	9.6	29
365	Luminescent Diiridium Complexes with Bridging Pyrazolates: Characterization and Fabrication of OLEDs Using Vacuum Thermal Deposition. *Advanced Optical Materials*, **2018**, 6, 1800083	8.1	25

364	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). *Advanced Functional Materials*, **2018**, 28, 1870020	15.6	
363	Electroluminescence Stability of Organic Light-Emitting Devices Utilizing a Nondoped Pt-Based Emission Layer. *ACS Omega*, **2018**, 3, 4760-4765	3.9	4
362	Optically Triggered Planarization of Boryl-Substituted Phenoxazine: Another Horizon of TADF Molecules and High-Performance OLEDs. *ACS Applied Materials & Interfaces*, **2018**, 10, 12886-12896	9.5	57
361	PtCoFe Nanowire Cathodes Boost Short-Circuit Currents of Ru(II)-Based Dye-Sensitized Solar Cells to a Power Conversion Efficiency of 12.29%. *Advanced Functional Materials*, **2018**, 28, 1703282	15.6	45
360	Role of the Diphosphine Chelate in Emissive, Charge-Neutral Iridium(III) Complexes. *Chemistry - A European Journal*, **2018**, 24, 624-635	4.8	10
359	Bis-Tridentate Iridium(III) Phosphors with Very High Photostability and Fabrication of Blue-Emitting OLEDs. *Advanced Science*, **2018**, 5, 1800846	13.6	50
358	Blue-emitting bis-tridentate Ir(III) phosphors: OLED performances vs. substituent effects. *Journal of Materials Chemistry C*, **2018**, 6, 10486-10496	7.1	14
357	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
356	Iridium(III) Complexes Bearing Tridentate Chromophoric Chelate: Phosphorescence Fine-Tuned by Phosphine and Hydride Ancillary. *Inorganic Chemistry*, **2018**, 57, 8287-8298	5.1	16
355	Emissive bis-tridentate Ir(III) metal complexes: Tactics, photophysics and applications. *Coordination Chemistry Reviews*, **2017**, 346, 91-100	23.2	95
354	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
353	Luminescent Pt(II) complexes featuring imidazolylidene□pyridylidene and dianionic bipyrazolate: from fundamentals to OLED fabrications. *Journal of Materials Chemistry C*, **2017**, 5, 1420-1435	7.1	28
352	Pt(II) Complexes with Azolate-containing Bidentate Chelate: Design, Photophysics, and Application. *Journal of the Chinese Chemical Society*, **2017**, 64, 574-588	1.5	13
351	Bis-Tridentate Ir(III) Metal Phosphors for Efficient Deep-Blue Organic Light-Emitting Diodes. *Advanced Materials*, **2017**, 29, 1702464	24	92
350	Spiro-Phenylpyrazole-9,9?-Thioxanthene Analogues as Hole-Transporting Materials for Efficient Planar Perovskite Solar Cells. *Advanced Energy Materials*, **2017**, 7, 1700823	21.8	58
349	Performance Characterization of Dye-Sensitized Photovoltaics under Indoor Lighting. *Journal of Physical Chemistry Letters*, **2017**, 8, 1824-1830	6.4	43
348	Functional Pyrimidine-Based Thermally Activated Delay Fluorescence Emitters: Photophysics, Mechanochromism, and Fabrication of Organic Light-Emitting Diodes. *Chemistry - A European Journal*, **2017**, 23, 2858-2866	4.8	58
347	Anomalously Long-Lasting Blue PhOLED Featuring Phenyl-Pyrimidine Cyclometalated Iridium Emitter. *CheM*, **2017**, 3, 461-476	16.2	61

346	Spiro-Phenylpyrazole/Fluorene as Hole-Transporting Material for Perovskite Solar Cells. *Scientific Reports*, **2017**, 7, 7859	4.9	22
345	Bis-tridentate Ru(II) sensitizers with a spatially encumbered 2,6-dipyrazolylpyridine ancillary ligand for dye-sensitized solar cells. *RSC Advances*, **2017**, 7, 42013-42023	3.7	10
344	First N-Borylated Emitters Displaying Highly Efficient Thermally Activated Delayed Fluorescence and High-Performance OLEDs. *ACS Applied Materials & Interfaces*, **2017**, 9, 27090-27101	9.5	40
343	Sky Blue-Emitting Iridium(III) Complexes Bearing Nonplanar Tetradentate Chromophore and Bidentate Ancillary. *Inorganic Chemistry*, **2017**, 56, 10054-10060	5.1	24
342	Near-infrared organic light-emitting diodes with very high external quantum efficiency and radiance. *Nature Photonics*, **2017**, 11, 63-68	33.9	346
341	Unprecedented Homoleptic Bis-Tridentate Iridium(III) Phosphors: Facile, Scaled-Up Production, and Superior Chemical Stability. *Advanced Functional Materials*, **2017**, 27, 1702856	15.6	36
340	Room temperature blue phosphorescence: a combined experimental and theoretical study on the bis-tridentate Ir(iii) metal complexes. *Dalton Transactions*, **2016**, 45, 15364-15373	4.3	39
339	Metal Complexes with Azolate-Functionalized Multidentate Ligands: Tactical Designs and Optoelectronic Applications. *Chemistry - A European Journal*, **2016**, 22, 17892-17908	4.8	54
338	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	9.5	35
337	Phosphorescent PtAu2 Complexes with Differently Positioned Carbazole-Acetylide Ligands for Solution-Processed Organic Light-Emitting Diodes with External Quantum Efficiencies of over 20. *ACS Applied Materials & Interfaces*, **2016**, 8, 20251-7	9.5	37
336	Molecularly Engineered Ru(II) Sensitizers Compatible with Cobalt(II/III) Redox Mediators for Dye-Sensitized Solar Cells. *Inorganic Chemistry*, **2016**, 55, 7388-95	5.1	18
335	Crystal Organic Light-Emitting Diodes with Perfectly Oriented Non-Doped Pt-Based Emitting Layer. *Advanced Materials*, **2016**, 28, 2526-32	24	168
334	Pyridyl Pyrrolide Boron Complexes: The Facile Generation of Thermally Activated Delayed Fluorescence and Preparation of Organic Light-Emitting Diodes. *Angewandte Chemie*, **2016**, 128, 3069-3073	3.6	26
333	Bis-Tridentate Iridium(III) Phosphors Bearing Functional 2-Phenyl-6-(imidazol-2-ylidene)pyridine and 2-(Pyrazol-3-yl)-6-phenylpyridine Chelates for Efficient OLEDs. *Organometallics*, **2016**, 35, 1813-1824	3.8	54
332	Pt(II) Phosphors Featuring Both Dicarbene and Functional Biazolate Chelates: Synthesis, Luminescent Properties, and Applications in Organic Light-Emitting Diodes. *Inorganic Chemistry*, **2016**, 55, 6394-404	5.1	26
331	Pyridyl Pyrrolide Boron Complexes: The Facile Generation of Thermally Activated Delayed Fluorescence and Preparation of Organic Light-Emitting Diodes. *Angewandte Chemie - International Edition*, **2016**, 55, 3017-21	16.4	142
330	End-capped □thiophene-free□ organic dye for dye-sensitized solar cell: Optimized donor, broadened spectra and enhanced open-circuit voltage. *Dyes and Pigments*, **2016**, 124, 45-52	4.6	9
329	Bis-Tridentate Ir(III) Complexes with Nearly Unitary RGB Phosphorescence and Organic Light-Emitting Diodes with External Quantum Efficiency Exceeding 31%. *Advanced Materials*, **2016**, 28, 2795-800	24	199

328	Blue-emitting heteroleptic Ir(III) phosphors with functional 2,3'-bipyridine or 2-(pyrimidin-5-yl)pyridine cyclometalates. *Dalton Transactions*, **2015**, 44, 14613-24	4.3	35
327	Near infrared-emitting tris-bidentate Os(II) phosphors: control of excited state characteristics and fabrication of OLEDs. *Journal of Materials Chemistry C*, **2015**, 3, 4910-4920	7.1	42
326	Heteroleptic Ir(III) phosphors with bis-tridentate chelating architecture for high efficiency OLEDs. *Journal of Materials Chemistry C*, **2015**, 3, 3460-3471	7.1	48
325	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, 4029-38	5.1	66
324	Ir(III)-Based Phosphors with Bipyrazolate Ancillaries; Rational Design, Photophysics, and Applications in Organic Light-Emitting Diodes. *Inorganic Chemistry*, **2015**, 54, 10811-21	5.1	31
323	Substituent effect of Ru(II)-based sensitizers bearing a terpyridine anchor and a pyridyl azolate ancillary for dye sensitized solar cells. *Journal of Materials Chemistry A*, **2015**, 3, 18422-18431	13	7
322	Novel spiro-based hole transporting materials for efficient perovskite solar cells. *Chemical Communications*, **2015**, 51, 15518-21	5.8	76
321	Efficient Pt(II) emitters assembled from neutral bipyridine and dianionic bipyrazolate: designs, photophysical characterization and the fabrication of non-doped OLEDs. *Journal of Materials Chemistry C*, **2015**, 3, 10837-10847	7.1	28
320	A new insight into the chemistry of iridium(III) complexes bearing phenyl phenylphosphonite cyclometalate and chelating pyridyl triazolate: the excited-state proton transfer tautomerism via an inter-ligand PO-H□□N hydrogen bond. *Dalton Transactions*, **2015**, 44, 8406-18	4.3	8
319	Plant Growth Absorption Spectrum Mimicking Light Sources. *Materials*, **2015**, 8, 5265-5275	3.5	22
318	Luminescent Pt(II) complexes bearing dual isoquinolinyl pyrazolates: fundamentals and applications. *Dalton Transactions*, **2015**, 44, 8552-63	4.3	39
317	Tunable chromaticity stability in solution-processed organic light emitting devices. *Organic Electronics*, **2015**, 20, 36-42	3.5	6
316	Ruthenium and osmium complexes that bear functional azolate chelates for dye-sensitized solar cells. *Chemistry - an Asian Journal*, **2015**, 10, 1098-115	4.5	63
315	Varying numbers and positions of carboxylate groups on Ru dyes for dye-sensitized solar cells: uptake on TiO2, cell performance and cell stability. *RSC Advances*, **2014**, 4, 10165-10175	3.7	7
314	Single-emission-layer white organic light-emitting devices: Chromaticity and colour-rendering consideration. *Organic Electronics*, **2014**, 15, 517-523	3.5	17
313	Engineering of Ru(II) dyes for interfacial and light-harvesting optimization. *Dalton Transactions*, **2014**, 43, 2726-32	4.3	18
312	Analyzing nanostructures in mesogenic host□guest systems for polarized phosphorescence. *Organic Electronics*, **2014**, 15, 311-321	3.5	16
311	Geometrical isomerism of Ru(II) dye-sensitized solar cell sensitizers and effects on photophysical properties and device performances. *ChemPhysChem*, **2014**, 15, 1207-15	3.2	10

310	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	13	20
309	Os(II) 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	7.1	32
308	Panchromatic Ru(II) sensitizers bearing single thiocyanate for high efficiency dye sensitized solar cells. *Journal of Materials Chemistry A*, **2014**, 2, 17618-17627	13	47
307	Highly efficient dye-sensitized solar cells based on panchromatic ruthenium sensitizers with quinolinylbipyridine anchors. *Angewandte Chemie - International Edition*, **2014**, 53, 178-83	16.4	98
306	4,4',5,5'-Tetracarboxy-2,2'-bipyridine Ru(II) sensitizers for dye-sensitized solar cells. *Inorganic Chemistry*, **2014**, 53, 8593-9	5.1	22
305	General application of blade coating to small-molecule hosts for organic light-emitting diode. *Synthetic Metals*, **2014**, 196, 99-109	3.6	13
304	Metal complexes with pyridyl azolates: Design, preparation and applications. *Coordination Chemistry Reviews*, **2014**, 281, 1-25	23.2	105
303	Dye sensitized solar cells with cobalt and iodine-based electrolyte: the role of thiocyanate-free ruthenium sensitizers. *Journal of Materials Chemistry A*, **2014**, 2, 19556-19565	13	19
302	Thiocyanate-free ruthenium(II) sensitizers for dye-sensitized solar cells based on the cobalt redox couple. *ChemSusChem*, **2014**, 7, 2930-8	8.3	18
301	Os(II) phosphors with near-infrared emission induced by ligand-to-ligand charge transfer transition. *Inorganic Chemistry*, **2014**, 53, 9366-74	5.1	30
300	Highly Efficient Dye-Sensitized Solar Cells Based on Panchromatic Ruthenium Sensitizers with Quinolinylbipyridine Anchors. *Angewandte Chemie*, **2014**, 126, 182-187	3.6	9
299	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, 26184-92	3.6	82
298	A universal, easy-to-apply light-quality index based on natural light spectrum resemblance. *Applied Physics Letters*, **2014**, 104, 203304	3.4	21
297	The tunable third-order optical nonlinearities of a diarylethene-zinc phthalocyanine hybrid. *Dyes and Pigments*, **2014**, 102, 251-256	4.6	7
296	Design of Os(II) -based sensitizers for dye-sensitized solar cells: influence of heterocyclic ancillaries. *ChemSusChem*, **2013**, 6, 1366-75	8.3	16
295	Phosphorescent Ir(III) complexes with both cyclometalate chromophores and phosphine-silanolate ancillary: concurrent conversion of organosilane to silanolate. *Dalton Transactions*, **2013**, 42, 7111-9	4.3	37
294	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, 7341-51	9.5	80
293	High Open-Circuit Voltages: Evidence for a Sensitizer-Induced TiO2 Conduction Band Shift in Ru(II)-Dye Sensitized Solar Cells. *Chemistry of Materials*, **2013**, 25, 4497-4502	9.6	37

292	Mechanoluminescent and efficient white OLEDs for Pt(II) phosphors bearing spatially encumbered pyridinyl pyrazolate chelates. *Journal of Materials Chemistry C*, **2013**, 1, 7582	7.1	73
291	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	35.4	60
290	Thiocyanate-Free Ru(II) Sensitizers with a 4,4?-Dicarboxyvinyl-2,2?-bipyridine Anchor for Dye-Sensitized Solar Cells. *Advanced Functional Materials*, **2013**, 23, 2285-2294	15.6	26
289	Blue-emitting Ir(III) phosphors with 2-pyridyl triazolate chromophores and fabrication of sky blue- and white-emitting OLEDs. *Journal of Materials Chemistry C*, **2013**, 1, 2639	7.1	63
288	Engineering of thiocyanate-free Ru(II) sensitizers for high efficiency dye-sensitized solar cells. *Chemical Science*, **2013**, 4, 2423	9.4	65
287	Ru(II) sensitizers bearing dianionic biazolate ancillaries: ligand synergy for high performance dye sensitized solar cells. *Journal of Materials Chemistry A*, **2013**, 1, 7681	13	26
286	Emissive osmium(II) complexes with tetradentate bis(pyridylpyrazolate) chelates. *Inorganic Chemistry*, **2013**, 52, 5867-75	5.1	47
285	Interface and thickness tuning for blade coated small-molecule organic light-emitting diodes with high power efficiency. *Journal of Applied Physics*, **2013**, 114, 123101	2.5	11
284	Spiro-configured bipolar host materials for highly efficient electrophosphorescent devices. *Chemistry - an Asian Journal*, **2012**, 7, 133-42	4.5	36
283	Application of F4TCNQ doped spiro-MeOTAD in high performance solid state dye sensitized solar cells. *Physical Chemistry Chemical Physics*, **2012**, 14, 11689-94	3.6	74
282	Origins of device performance in dicarboxyterpyridine Ru(II) dye-sensitized solar cells. *Physical Chemistry Chemical Physics*, **2012**, 14, 14190-5	3.6	22
281	Phenylcarbazole-dipyridyl triazole hybrid as bipolar host material for phosphorescent OLEDs. *Journal of Materials Chemistry*, **2012**, 22, 5410		45
280	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		47
279	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, 7488-96	16.4	117
278	Stepwise formation of iridium(III) complexes with monocyclometalating and dicyclometalating phosphorus chelates. *Inorganic Chemistry*, **2012**, 51, 1785-95	5.1	13
277	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	15.6	1
276	Mechanistic Investigation of Improved Syntheses of Iridium(III)-Based OLED Phosphors. *Organometallics*, **2012**, 31, 4349-4355	3.8	33
275	Indolo[3,2-b]carbazole/benzimidazole hybrid bipolar host materials for highly efficient red, yellow, and green phosphorescent organic light emitting diodes. *Journal of Materials Chemistry*, **2012**, 22, 8399		77

274	A diarylborane-substituted carbazole as a universal bipolar host material for highly efficient electrophosphorescence devices. *Journal of Materials Chemistry*, **2012**, 22, 870-876		88
273	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, 7715-24	16.4	96
272	Ru(II) sensitizers with a tridentate heterocyclic cyclometalate for dye-sensitized solar cells. *Energy and Environmental Science*, **2012**, 5, 7549	35.4	50
271	The empirical correlation between hydrogen bonding strength and excited-state intramolecular proton transfer in 2-pyridyl pyrazoles. *Journal of Physical Chemistry A*, **2012**, 116, 4438-44	2.8	53
270	Theoretical Study of N749 Dyes Anchoring on the (TiO2)28 Surface in DSSCs and Their Electronic Absorption Properties. *Journal of Physical Chemistry C*, **2012**, 116, 16338-16345	3.8	70
269	Os(II) Based Green to Red Phosphors: A Great Prospect for Solution-Processed, Highly Efficient Organic Light-Emitting Diodes. *Advanced Functional Materials*, **2012**, 22, 3491-3499	15.6	92
268	Engineering of Osmium(II)-Based Light Absorbers for Dye-Sensitized Solar Cells. *Angewandte Chemie*, **2012**, 124, 5740-5744	3.6	11
267	Engineering of osmium(II)-based light absorbers for dye-sensitized solar cells. *Angewandte Chemie - International Edition*, **2012**, 51, 5642-6	16.4	68
266	Structural tuning intra- versus inter-molecular proton transfer reaction in the excited state. *Physical Chemistry Chemical Physics*, **2012**, 14, 9006-15	3.6	27
265	Systematic investigation of the metal-structure-photophysics relationship of emissive d10-complexes of group 11 elements: the prospect of application in organic light emitting devices. *Journal of the American Chemical Society*, **2011**, 133, 12085-99	16.4	272
264	Donor□cceptor dyes with fluorine substituted phenylene spacer for dye-sensitized solar cells. *Journal of Materials Chemistry*, **2011**, 21, 1937-1945		120
263	A new and facile method to prepare uniform hollow MnO/functionalized mSiO□ core/shell nanocomposites. *ACS Nano*, **2011**, 5, 4177-87	16.7	119
262	Feeling blue? Blue phosphors for OLEDs. *Materials Today*, **2011**, 14, 472-479	21.8	126
261	Optimizing blue iridium complex and orange-red osmium complex doping concentrations to improve phosphorescent white organic light emitting diodes. *Current Applied Physics*, **2011**, 11, S175-S178	2.6	6
260	Harvesting luminescence via harnessing the photophysical properties of transition metal complexes. *Coordination Chemistry Reviews*, **2011**, 255, 2653-2665	23.2	251
259	Emissive iridium(III) diimine complexes formed by double cyclometalation of coordinated triphenylphosphite. *Inorganic Chemistry*, **2011**, 50, 5075-84	5.1	24
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