Yun Chi

List of Publications by Year
in descending order

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399	22,974	8732 75	13338 130
papers	citations	h-index	g-index

421	421	421	12602
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient Pyrazolo[5,4â€f]quinoxaline Functionalized Os(II) Based Emitter with an Electroluminescence Peak Maximum at 811â€...nm. Chemistry - A European Journal, 2022, 28, e202103202.	1.7	7
2	Nearâ€Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metalâ€Free Photosensitizer for Twoâ€Photonâ€Activated Photodynamic Therapy at the Cell and Small Animal Levels. Small, 2022, 18, e2106215.	5.2	61
3	Nearâ€Infrared Thermally Activated Delayed Fluorescence Nanoparticle: A Metalâ€Free Photosensitizer for Twoâ€Photonâ€Activated Photodynamic Therapy at the Cell and Small Animal Levels (Small 6/2022). Small, 2022, 18, .	5.2	0
4	Stepwise Access of Emissive Ir(III) Complexes Bearing a Multi-Dentate Heteroaromatic Chelate: Fundamentals and Applications. Inorganic Chemistry, 2022, 61, 4384-4393.	1.9	3
5	Iridium(III) Phosphorsâ€"Bearing Functional 9â€Phenylâ€7,9â€dihydroâ€8Hâ€purinâ€8â€ylidene Chelates and Blue Hyperphosphorescent OLED Devices. Advanced Photonics Research, 2022, 3, .	1.7	23
6	Azolateâ€Based Osmium(II) Complexes with Luminescence Spanning Visible and Near Infrared Region. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	12
7	Efficient Blue Electrophosphorescence and Hyperphosphorescence Generated by Bis-tridentate Iridium(III) Complexes. Inorganic Chemistry, 2022, 61, 8898-8908.	1.9	18
8	Regioselective Syntheses of Imidazo[4,5-b]pyrazin-2-ylidene-Based Chelates and Blue Emissive Iridium(III) Phosphors for Solution-Processed OLEDs. Inorganic Chemistry, 2022, 61, 8797-8805.	1.9	22
9	Blue Phosphorescence and Hyperluminescence Generated from Imidazo[4,5â€b]pyridinâ€2â€ylideneâ€Based Iridium(III) Phosphors. Advanced Science, 2022, 9, .	5.6	28
10	Nearâ€Infrared OLEDs Based on Functional Pyrazinyl Azolate Os(II) Phosphors and Deuteration. Advanced Optical Materials, 2022, 10, .	3.6	15
11	Constructing deep-blue bis-tridentate Ir(<scp>iii</scp>) phosphors with fluorene-based dianionic chelates. Journal of Materials Chemistry C, 2021, 9, 1318-1325.	2.7	16
12	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.	4.0	34
13	21â€2: Invited Paper: Platinum(II) Based Nearâ€Infrared Phosphors for Efficient Organic Lightâ€Emitting Diodes with Peak Wavelength Beyond 800 nm. Digest of Technical Papers SID International Symposium, 2021, 52, 254-256.	0.1	0
14	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.	2.5	10
15	High Performance NIR OLEDs with Low Efficiency Rollâ€Off by Leveraging Os(II) Phosphors and Exciplex Coâ€Host. Advanced Functional Materials, 2021, 31, 2102787.	7.8	25
16	Luminescence of Pyrazinyl Pyrazolate Pt(II) Complexes Fine-Tuned by the Solid-State Stacking Interaction. Energy & Fuels, 2021, 35, 19112-19122.	2.5	11
17	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.	0.1	0
18	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.	2.1	3

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19	Probing Electron Excitation Characters of Carboline-Based Bis-Tridentate Ir(III) Complexes. Molecules, 2021, 26, 6048.	1.7	3
20	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.	4.0	23
21	Boosting Efficiency of Nearâ€Infrared Organic Lightâ€Emitting Diodes with Os(II)â€Based Pyrazinyl Azolate Emitters. Advanced Functional Materials, 2020, 30, 1906738.	7.8	57
22	Roles of Ancillary Chelates and Overall Charges of Bis-tridentate Ir(III) Phosphors for OLED Applications. ACS Applied Materials & Interfaces, 2020, 12, 1084-1093.	4.0	31
23	Iridium(III) Complexes Bearing a Formal Tetradentate Coordination Chelate: Structural Properties and Phosphorescence Fine-Tuned by Ancillaries. Inorganic Chemistry, 2020, 59, 523-532.	1.9	24
24	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.	1.5	3
25	Methoxy-substituted bis-tridentate iridium(<scp>iii</scp>) phosphors and fabrication of blue organic light emitting diodes. Journal of Materials Chemistry C, 2020, 8, 13590-13602.	2.7	14
26	Exploiting the Reactivity of Fluorinated 2-Arylpyridines in Pd-Catalyzed Câ€“H Bond Arylation for the Preparation of Bright Emitting Iridium(III) Complexes. Inorganic Chemistry, 2020, 59, 13898-13911.	1.9	8
27	Formation of Excimers in Isoquinolinyl Pyrazolate Pt(II) Complexes: Role of Cooperativity Effects. Inorganic Chemistry, 2020, 59, 18253-18263.	1.9	14
28	Highly Efficient Nearâ€Infrared Electroluminescence up to 800 nm Using Platinum(II) Phosphors. Advanced Functional Materials, 2020, 30, 2002173.	7.8	57
29	Versatile Pt(II) Pyrazolate Complexes: Emission Tuning via Interplay of Chelate Designs and Stacking Assemblies. ACS Applied Materials & Interfaces, 2020, 12, 16679-16690.	4.0	22
30	Overcoming the energy gap law in near-infrared OLEDs by excitonâ€“vibration decoupling. Nature Photonics, 2020, 14, 570-577.	15.6	237
31	Methoxy substituents activated carbazole-based boron dimesityl TADF emitters. Journal of Materials Chemistry C, 2020, 8, 4780-4788.	2.7	28
32	Modulation of Solidâ€State Aggregation of Squareâ€Planar Pt(II) Based Emitters: Enabling Highly Efficient Deepâ€Red/Near Infrared Electroluminescence. Advanced Functional Materials, 2020, 30, 2002494.	7.8	59
33	Novel Ruthenium Sensitizers Designing for Efficient Light Harvesting under Both Sunlight and Ambient Dim Light. Solar Rrl, 2020, 4, 2000046.	3.1	7
34	Realization of Highly Efficient Red Phosphorescence from Bis-Tridentate Iridium(III) Phosphors. Inorganic Chemistry, 2019, 58, 10944-10954.	1.9	33
35	Bisâ€tridentate Ir^{III} Phosphors Bearing Two Fused Fiveâ€Sixâ€Membered Metallacycles: A Strategy to Improved Photostability of Blue Emitters. Chemistry - A European Journal, 2019, 25, 15375-15386.	1.7	27
36	Near-Infrared Emission Induced by Shortened Ptâ€“Pt Contact: Diplatinum(II) Complexes with Pyridyl Pyrimidinato Cyclometalates. Inorganic Chemistry, 2019, 58, 13892-13901.	1.9	40

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37	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.	1.5	19
38	New Spiroâ€Phenylpyrazole/Dibenzosuberene Derivatives as Holeâ€Transporting Material for Perovskite Solar Cells. Solar Rrl, 2019, 3, 1900143.	3.1	6
39	Functional Pyrimidinyl Pyrazolate Pt(II) Complexes: Role of Nitrogen Atom in Tuning the Solidâ€State Stacking and Photophysics. Advanced Functional Materials, 2019, 29, 1900923.	7.8	56
40	Emissive Iridium(III) Complexes with Phosphorousâ€Containing Ancillary. Chemical Record, 2019, 19, 1644-1666.	2.9	20
41	Heterobimetallic copper(<scp>i</scp>) complexes bearing both 1,1â€²-bis(diphenylphosphino)ferrocene and functionalized 3-(2â€²-pyridyl)-1,2,4-triazole. New Journal of Chemistry, 2019, 43, 4261-4271.	1.4	12
42	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.	3.2	44
43	Luminescent Diiridium Complexes with Bridging Pyrazolates: Characterization and Fabrication of OLEDs Using Vacuum Thermal Deposition. Advanced Optical Materials, 2018, 6, 1800083.	3.6	34
44	Solar Cells: PtCoFe Nanowire Cathodes Boost Shortâ€Circuit 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.	7.8	0
45	Electroluminescence Stability of Organic Light-Emitting Devices Utilizing a Nondoped Pt-Based Emission Layer. ACS Omega, 2018, 3, 4760-4765.	1.6	5
46	Optically Triggered Planarization of Boryl-Substituted Phenoxazine: Another Horizon of TADF Molecules and High-Performance OLEDs. ACS Applied Materials & Interfaces, 2018, 10, 12886-12896.	4.0	75
47	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.	7.8	55
48	Role of the Diphosphine Chelate in Emissive, Chargeâ€Neutral Iridium(III) Complexes. Chemistry - A European Journal, 2018, 24, 624-635.	1.7	12
49	Blue-emitting bis-tridentate Ir(<scp>iii</scp>) phosphors: OLED performances vs. substituent effects. Journal of Materials Chemistry C, 2018, 6, 10486-10496.	2.7	20
50	Isomeric spiro-[acridine-9,9â€²-fluorene]-2,6-dipyridylpyrimidine based TADF emitters: insights into photophysical behaviors and OLED performances. Journal of Materials Chemistry C, 2018, 6, 10088-10100.	2.7	46
51	Iridium(III) Complexes Bearing Tridentate Chromophoric Chelate: Phosphorescence Fine-Tuned by Phosphine and Hydride Ancillary. Inorganic Chemistry, 2018, 57, 8287-8298.	1.9	21
52	Bisâ€Tridentate Iridium(III) Phosphors with Very High Photostability and Fabrication of Blueâ€Emitting OLEDs. Advanced Science, 2018, 5, 1800846.	5.6	75
53	Emissive bis-tridentate Ir(III) metal complexes: Tactics, photophysics and applications. Coordination Chemistry Reviews, 2017, 346, 91-100.	9.5	130
54	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.	2.7	65

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55	Luminescent Pt(<scp>ii</scp>) complexes featuring imidazolylideneâ€“pyridylidene and dianionic bipyrazolate: from fundamentals to OLED fabrications. Journal of Materials Chemistry C, 2017, 5, 1420-1435.	2.7	37
56	Pt(II) Complexes with Azolate-containing Bidentate Chelate: Design, Photophysics, and Application. Journal of the Chinese Chemical Society, 2017, 64, 574-588.	0.8	14
57	Bisâ€Tridentate Ir(III) Metal Phosphors for Efficient Deepâ€Blue Organic Lightâ€Emitting Diodes. Advanced Materials, 2017, 29, 1702464.	11.1	117
58	Spiroâ€Phenylpyrazoleâ€9,9â€²â€Thioxanthene Analogues as Holeâ€Transporting Materials for Efficient Planar Perovskite Solar Cells. Advanced Energy Materials, 2017, 7, 1700823.	10.2	74
59	Performance Characterization of Dye-Sensitized Photovoltaics under Indoor Lighting. Journal of Physical Chemistry Letters, 2017, 8, 1824-1830.	2.1	51
60	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.	1.7	75
61	Anomalously Long-Lasting Blue PhOLED Featuring Phenyl-Pyrimidine Cyclometalated Iridium Emitter. CheM, 2017, 3, 461-476.	5.8	76
62	Spiro-Phenylpyrazole/Fluorene as Hole-Transporting Material for Perovskite Solar Cells. Scientific Reports, 2017, 7, 7859.	1.6	28
63	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.	1.7	13
64	First N-Borylated Emitters Displaying Highly Efficient Thermally Activated Delayed Fluorescence and High-Performance OLEDs. ACS Applied Materials & Interfaces, 2017, 9, 27090-27101.	4.0	54
65	Sky Blue-Emitting Iridium(III) Complexes Bearing Nonplanar Tetradentate Chromophore and Bidentate Ancillary. Inorganic Chemistry, 2017, 56, 10054-10060.	1.9	28
66	Near-infrared organic light-emitting diodes with very high external quantum efficiency and radiance. Nature Photonics, 2017, 11, 63-68.	15.6	494
67	Unprecedented Homoleptic Bisâ€Tridentate Iridium(III) Phosphors: Facile, Scaledâ€Up Production, and Superior Chemical Stability. Advanced Functional Materials, 2017, 27, 1702856.	7.8	53
68	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.	11.1	247
69	Room temperature blue phosphorescence: a combined experimental and theoretical study on the bis-tridentate Ir(<scp>iii</scp>) metal complexes. Dalton Transactions, 2016, 45, 15364-15373.	1.6	51
70	Metal Complexes with Azolateâ€Functionalized Multidentate Ligands: Tactical Designs and Optoelectronic Applications. Chemistry - A European Journal, 2016, 22, 17892-17908.	1.7	64
71	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.	4.0	48
72	Phosphorescent PtAu₂ Complexes with Differently Positioned Carbazoleâ€“Acetylide Ligands for Solution-Processed Organic Light-Emitting Diodes with External Quantum Efficiencies of over 20%. ACS Applied Materials & Interfaces, 2016, 8, 20251-20257.	4.0	47

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73	Molecularly Engineered Ru(II) Sensitizers Compatible with Cobalt(II/III) Redox Mediators for Dye-Sensitized Solar Cells. Inorganic Chemistry, 2016, 55, 7388-7395.	1.9	21
74	Crystal Organic Lightâ€Emitting Diodes with Perfectly Oriented Nonâ€Doped Ptâ€Based Emitting Layer. Advanced Materials, 2016, 28, 2526-2532.	11.1	206
75	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.	1.6	32
76	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.	1.1	63
77	Pt(II) Phosphors Featuring Both Dicarbene and Functional Biazolate Chelates: Synthesis, Luminescent Properties, and Applications in Organic Light-Emitting Diodes. Inorganic Chemistry, 2016, 55, 6394-6404.	1.9	32
78	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.	7.2	166
79	End-capped â€œthiophene-freeâ€•organic dye for dye-sensitized solar cell: Optimized donor, broadened spectra and enhanced open-circuit voltage. Dyes and Pigments, 2016, 124, 45-52.	2.0	9
80	Plant Growth Absorption Spectrum Mimicking Light Sources. Materials, 2015, 8, 5265-5275.	1.3	33
81	Luminescent Pt(<scp>ii</scp>) complexes bearing dual isoquinolinyl pyrazolates: fundamentals and applications. Dalton Transactions, 2015, 44, 8552-8563.	1.6	44
82	Tunable chromaticity stability in solution-processed organic light emitting devices. Organic Electronics, 2015, 20, 36-42.	1.4	7
83	Ruthenium and Osmium Complexes That Bear Functional Azolate Chelates for Dyeâ€Sensitized Solar Cells. Chemistry - an Asian Journal, 2015, 10, 1098-1115.	1.7	69
84	Blue-emitting heteroleptic Ir(<scp>iii</scp>) phosphors with functional 2,3â€²-bipyridine or 2-(pyrimidin-5-yl)pyridine cyclometalates. Dalton Transactions, 2015, 44, 14613-14624.	1.6	39
85	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.	2.7	52
86	Heteroleptic Ir(<scp>iii</scp>) phosphors with bis-tridentate chelating architecture for high efficiency OLEDs. Journal of Materials Chemistry C, 2015, 3, 3460-3471.	2.7	55
87	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.	1.9	87
88	Ir(III)-Based Phosphors with Bipyrazolate Ancillaries; Rational Design, Photophysics, and Applications in Organic Light-Emitting Diodes. Inorganic Chemistry, 2015, 54, 10811-10821.	1.9	36
89	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.	5.2	8
90	Novel spiro-based hole transporting materials for efficient perovskite solar cells. Chemical Communications, 2015, 51, 15518-15521.	2.2	88

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91	Efficient Pt(<scp>ii</scp>) 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.	2.7	31
92	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 POâ€“Hâ‹¯N hydrogen bond. Dalton Transactions, 2015, 44, 8406-8418.	1.6	10
93	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.	1.3	108
94	A universal, easy-to-apply light-quality index based on natural light spectrum resemblance. Applied Physics Letters, 2014, 104, 203304.	1.5	27
95	The tunable third-order optical nonlinearities of a diarylethene-zinc phthalocyanine hybrid. Dyes and Pigments, 2014, 102, 251-256.	2.0	8
96	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.	1.7	7
97	Single-emission-layer white organic light-emitting devices: Chromaticity and colour-rendering consideration. Organic Electronics, 2014, 15, 517-523.	1.4	17
98	Engineering of Ru(<scp>ii</scp>) dyes for interfacial and light-harvesting optimization. Dalton Transactions, 2014, 43, 2726-2732.	1.6	21
99	Analyzing nanostructures in mesogenic hostâ€“guest systems for polarized phosphorescence. Organic Electronics, 2014, 15, 311-321.	1.4	17
100	Geometrical Isomerism of Ru^{II} Dyeâ€Sensitized Solar Cell Sensitizers and Effects on Photophysical Properties and Device Performances. ChemPhysChem, 2014, 15, 1207-1215.	1.0	11
101	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.	5.2	25
102	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.	2.7	34
103	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.	5.2	53
104	Highly Efficient Dyeâ€Sensitized Solar Cells Based on Panchromatic Ruthenium Sensitizers with Quinolinylbipyridine Anchors. Angewandte Chemie - International Edition, 2014, 53, 178-183.	7.2	107
105	4,4â€²,5,5â€²-Tetracarboxy-2,2â€²-bipyridine Ru(II) Sensitizers for Dye-Sensitized Solar Cells. Inorganic Chemistry, 2014, 53, 8593-8599.	1.9	24
106	General application of blade coating to small-molecule hosts for organic light-emitting diode. Synthetic Metals, 2014, 196, 99-109.	2.1	15
107	Metal complexes with pyridyl azolates: Design, preparation and applications. Coordination Chemistry Reviews, 2014, 281, 1-25.	9.5	115
108	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.	5.2	21

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109	Thiocyanateâ€Free Ruthenium(II) Sensitizers for Dyeâ€Sensitized Solar Cells Based on the Cobalt Redox Couple. ChemSusChem, 2014, 7, 2930-2938.	3.6	21
110	Os(II) Phosphors with Near-Infrared Emission Induced by Ligand-to-Ligand Charge Transfer Transition. Inorganic Chemistry, 2014, 53, 9366-9374.	1.9	36
111	Design of Os^{II}â€based Sensitizers for Dyeâ€Sensitized Solar Cells: Influence of Heterocyclic Ancillaries. ChemSusChem, 2013, 6, 1366-1375.	3.6	17
112	Phosphorescent Ir(iii) complexes with both cyclometalate chromophores and phosphine-silanolate ancillary: concurrent conversion of organosilane to silanolate. Dalton Transactions, 2013, 42, 7111.	1.6	40
113	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.	4.0	90
114	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.	3.2	37
115	Mechanoluminescent and efficient white OLEDs for Pt(ii) phosphors bearing spatially encumbered pyridinyl pyrazolate chelates. Journal of Materials Chemistry C, 2013, 1, 7582.	2.7	87
116	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.	15.6	64
117	Thiocyanateâ€Free Ru(II) Sensitizers with a 4,4â€²â€Dicarboxyvinylâ€2,2â€²â€bipyridine Anchor for Dyeâ€Sensitized Solar Cells. Advanced Functional Materials, 2013, 23, 2285-2294.	7.8	27
118	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.	2.7	69
119	Engineering of thiocyanate-free Ru(ii) sensitizers for high efficiency dye-sensitized solar cells. Chemical Science, 2013, 4, 2423.	3.7	67
120	Ru(ii) sensitizers bearing dianionic biazolate ancillaries: ligand synergy for high performance dye sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 7681.	5.2	26
121	Emissive Osmium(II) Complexes with Tetradentate Bis(pyridylpyrazolate) Chelates. Inorganic Chemistry, 2013, 52, 5867-5875.	1.9	54
122	Interface and thickness tuning for blade coated small-molecule organic light-emitting diodes with high power efficiency. Journal of Applied Physics, 2013, 114, 123101.	1.1	11
123	Application of F4TCNQ doped spiro-MeOTAD in high performance solid state dye sensitized solar cells. Physical Chemistry Chemical Physics, 2012, 14, 11689.	1.3	75
124	Origins of device performance in dicarboxyterpyridine Ru(ii) dye-sensitized solar cells. Physical Chemistry Chemical Physics, 2012, 14, 14190.	1.3	24
125	Phenylcarbazole-dipyridyl triazole hybrid as bipolar host material for phosphorescent OLEDs. Journal of Materials Chemistry, 2012, 22, 5410.	6.7	48
126	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

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127	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.	6.6	123
128	Stepwise Formation of Iridium(III) Complexes with Monocyclometalating and Dicyclometalating Phosphorus Chelates. Inorganic Chemistry, 2012, 51, 1785-1795.	1.9	14
129	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.	7.8	1
130	Mechanistic Investigation of Improved Syntheses of Iridium(III)-Based OLED Phosphors. Organometallics, 2012, 31, 4349-4355.	1.1	34
131	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.	6.7	85
132	A diarylborane-substituted carbazole as a universal bipolar host material for highly efficient electrophosphorescence devices. Journal of Materials Chemistry, 2012, 22, 870-876.	6.7	96
133	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.	6.6	101
134	Ru(ii) sensitizers with a tridentate heterocyclic cyclometalate for dye-sensitized solar cells. Energy and Environmental Science, 2012, 5, 7549.	15.6	53
135	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.	1.1	59
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