List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Symmetric "Double Spiro―Wide Energy Gap Hosts for Blue Phosphorescent OLED Devices. Advanced Optical Materials, 2022, 10, 2101530.	7.3	14
2	Editorial for the special issue of <i>Materials Horizons</i> in honor of Seth Marder. Materials Horizons, 2022, 9, 15-16.	12.2	0
3	Advancing Near-Infrared Phosphorescence with Heteroleptic Iridium Complexes Bearing a Single Emitting Ligand: Properties and Organic Light-Emitting Diode Applications. Chemistry of Materials, 2022, 34, 574-583.	6.7	20
4	Toward rational design of TADF two-coordinate coinage metal complexes: understanding the relationship between natural transition orbital overlap and photophysical properties. Journal of Materials Chemistry C, 2022, 10, 4674-4683.	5.5	20
5	π-Extension of heterocycles <i>via</i> a Pd-catalyzed heterocyclic aryne annulation: π-extended donors for TADF emitters. Chemical Science, 2022, 13, 5884-5892.	7.4	7
6	Controlling Symmetry Breaking Charge Transfer in BODIPY Pairs. Accounts of Chemical Research, 2022, 55, 1561-1572.	15.6	19
7	Phosphorescent monometallic and bimetallic two-coordinate Au(I) complexes with N-heterocyclic carbene and aryl ligands. Inorganica Chimica Acta, 2021, 517, 120188.	2.4	6
8	Synthesis and Characterization of Zinc(II) Complexes Bearing 4-Acridinol and 1-Phenazinol Ligands. Inorganic Chemistry, 2021, 60, 866-871.	4.0	1
9	Blue Emissive <i>fac</i> / <i>mer</i> ″ridium (III) NHC Carbene Complexes and their Application in OLEDs. Advanced Optical Materials, 2021, 9, 2001994.	7.3	51
10	A Luminescent Two oordinate Au ^I Bimetallic Complex with a Tandem arbene Structure: A Molecular Design for the Enhancement of TADF Radiative Decay Rate. Chemistry - A European Journal, 2021, 27, 6191-6197.	3.3	18
11	Tuning the Photophysical and Electrochemical Properties of Azaâ€Boronâ€Dipyridylmethenes for Fluorescent Blue OLEDs. Advanced Functional Materials, 2021, 31, 2101175.	14.9	15
12	Molecular Alignment of Homoleptic Iridium Phosphors in Organic Lightâ€Emitting Diodes. Advanced Materials, 2021, 33, e2102882.	21.0	21
13	In Vivo Experimental and Analytical Studies for Bevacizumab Diffusion Coefficient Measurement in the Rabbit Vitreous Humor. Journal of Heat Transfer, 2021, 143, 032101.	2.1	4
14	Reversible Bioadhesives Using Tannic Acid Primed Thermallyâ€Responsive Polymers. Advanced Functional Materials, 2020, 30, 1907478.	14.9	42
15	Influence of Dimethyl Sulfoxide on the Structural Topology during Crystallization of Pbl ₂ . Inorganic Chemistry, 2020, 59, 16799-16803.	4.0	3
16	Highly Efficient Deep Blue Luminescence of 2-Coordinate Coinage Metal Complexes Bearing Bulky NHC Benzimidazolyl Carbene. Frontiers in Chemistry, 2020, 8, 401.	3.6	42
17	Vibrational Sum Frequency Generation Study of the Interference Effect on a Thin Film of 4,4′-Bis(N-carbazolyl)-1,1′-biphenyl (CBP) and Its Interfacial Orientation. ACS Applied Materials & Interfaces, 2020, 12, 26515-26524.	8.0	11
18	Thermally assisted delayed fluorescence (TADF): fluorescence delayed is fluorescence denied. Materials Horizons, 2020, 7, 1210-1217.	12.2	73

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19	Enhancement of the Luminescent Efficiency in Carbene-Au ^(I) -Aryl Complexes by the Restriction of Renner–Teller Distortion and Bond Rotation. Journal of the American Chemical Society, 2020, 142, 6158-6172.	13.7	72
20	Molecular dynamics of four-coordinate carbene-Cu(I) complexes employing tris(pyrazolyl)borate ligands. Polyhedron, 2020, 180, 114381.	2.2	5
21	Tuning State Energies for Narrow Blue Emission in Tetradentate Pyridyl-Carbazole Platinum Complexes. Inorganic Chemistry, 2019, 58, 12348-12357.	4.0	22
22	Improving Photocatalysis for the Reduction of CO ₂ through Non-covalent Supramolecular Assembly. Journal of the American Chemical Society, 2019, 141, 14961-14965.	13.7	89
23	Symmetry breaking charge transfer as a means to study electron transfer with no driving force. Faraday Discussions, 2019, 216, 379-394.	3.2	46
24	Symmetric pyrrolic squaraines and their application to organic photovoltaics. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 374, 16-21.	3.9	7
25	Performance of enhanced DuBois type water reduction catalysts (WRC) in artificial photosynthesis – effects of various proton relays during catalysis. Faraday Discussions, 2019, 215, 141-161.	3.2	10
26	Systematic Control of the Orientation of Organic Phosphorescent Pt Complexes in Thin Films for Increased Optical Outcoupling. Advanced Materials, 2019, 31, e1900921.	21.0	35
27	"Quick-Silver―from a Systematic Study of Highly Luminescent, Two-Coordinate, d ¹⁰ Coinage Metal Complexes. Journal of the American Chemical Society, 2019, 141, 8616-8626.	13.7	187
28	Molecular Orientation of Poly-3-hexylthiophene at the Buried Interface with Fullerene. Journal of Physical Chemistry Letters, 2019, 10, 1757-1762.	4.6	22
29	Eliminating nonradiative decay in Cu(I) emitters: >99% quantum efficiency and microsecond lifetime. Science, 2019, 363, 601-606.	12.6	450
30	Phenanthro[9,10- <i>d</i>]triazole and imidazole derivatives: high triplet energy host materials for blue phosphorescent organic light emitting devices. Materials Horizons, 2019, 6, 1179-1186.	12.2	36
31	Anionic order and band gap engineering in vacancy ordered triple perovskites. Chemical Communications, 2019, 55, 3164-3167.	4.1	36
32	Highly Efficient Photo- and Electroluminescence from Two-Coordinate Cu(I) Complexes Featuring Nonconventional N-Heterocyclic Carbenes. Journal of the American Chemical Society, 2019, 141, 3576-3588.	13.7	223
33	Tetraâ€Azaâ€Pentacenes by means of a Oneâ€Pot Friedläder Synthesis. Chemistry - A European Journal, 2019, 25, 1472-1475.	3.3	9
34	Rapid Multiscale Computational Screening for OLED Host Materials. ACS Applied Materials & Interfaces, 2019, 11, 5276-5288.	8.0	13
35	Understanding molecular fragmentation in blue phosphorescent organic light-emitting devices. Organic Electronics, 2019, 64, 15-21.	2.6	42
36	Tuning the Optical and Photophysical Properties of Boron Aza-Dipyridylmethene dyes for Optoelectronics Application. , 2019, , .		0

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37	Tuning Singlet and Triplet Excited State Energies and Frontier Orbitals of Imidazole Host/Emitter for Hybrid White OLEDs. , 2019, , .		0
38	Phase transition in amphiphilic poly(<i>N</i> -isopropylacrylamide): controlled gelation. Physical Chemistry Chemical Physics, 2018, 20, 13623-13631.	2.8	14
39	Symmetry-Breaking Charge Transfer in Boron Dipyridylmethene (DIPYR) Dimers. ACS Applied Energy Materials, 2018, 1, 1083-1095.	5.1	52
40	Synthesis and characterization of phosphorescent isomeric iridium complexes with a rigid cyclometalating ligand. Polyhedron, 2018, 140, 138-145.	2.2	9
41	Manipulating Triplet Yield through Control of Symmetry-Breaking Charge Transfer. Journal of Physical Chemistry Letters, 2018, 9, 3264-3270.	4.6	44
42	Synthesis and characterization of phosphorescent three-coordinate copper(I) complexes bearing bis(amino)cyclopropenylidene carbene (BAC). Inorganica Chimica Acta, 2018, 482, 246-251.	2.4	13
43	Linker-Dependent Singlet Fission in Tetracene Dimers. Journal of the American Chemical Society, 2018, 140, 10179-10190.	13.7	129
44	Hot excited state management for long-lived blue phosphorescent organic light-emitting diodes. Nature Communications, 2017, 8, 15566.	12.8	209
45	Synthesis and characterization of phosphorescent two-coordinate copper(<scp>i</scp>) complexes bearing diamidocarbene ligands. Dalton Transactions, 2017, 46, 745-752.	3.3	52
46	Emitter Orientation as a Key Parameter in Organic Light-Emitting Diodes. Physical Review Applied, 2017, 8, .	3.8	158
47	Phosphorescent 2-, 3- and 4-coordinate cyclic (alkyl)(amino)carbene (CAAC) Cu(<scp>i</scp>) complexes. Chemical Communications, 2017, 53, 9008-9011.	4.1	72
48	High-Performance Sub-Micrometer Channel WSe ₂ Field-Effect Transistors Prepared Using a Flood–Dike Printing Method. ACS Nano, 2017, 11, 12536-12546.	14.6	7
49	A reversible thermoresponsive sealant for temporary closure of ocular trauma. Science Translational Medicine, 2017, 9, .	12.4	57
50	Boron Dipyridylmethene (DIPYR) Dyes: Shedding Light on Pyridine-Based Chromophores. Journal of Organic Chemistry, 2017, 82, 7215-7222.	3.2	26
51	Vibronic Structure in Room Temperature Photoluminescence of the Halide Perovskite Cs ₃ Bi ₂ Br ₉ . Inorganic Chemistry, 2017, 56, 42-45.	4.0	129
52	Decoupling inter- and intra-dimer singlet fission. , 2017, , .		2
53	Morphology of the D/A interface in vapor deposited bilayer organic photovoltaics. , 2017, , .		0
54	Synthesis and characterization of phosphorescent cyclometalated Ir and Pt heteroleptic complexes using cyclophane-based chelates. Polyhedron, 2016, 116, 182-188.	2.2	9

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55	ORGANIC LIGHT EMITTING DEVICES. Materials and Energy, 2016, , 195-241.	0.1	1
56	Gram Scale Synthesis of Benzophenanthroline and Its Blue Phosphorescent Platinum Complex. Organic Letters, 2016, 18, 3960-3963.	4.6	18
57	Organic Solar Cells with Open Circuit Voltage over 1.25 V Employing Tetraphenyldibenzoperiflanthene as the Acceptor. Journal of Physical Chemistry C, 2016, 120, 19027-19034.	3.1	16
58	The Roles of Structural Order and Intermolecular Interactions in Determining Ionization Energies and Chargeâ€Transfer State Energies in Organic Semiconductors. Advanced Energy Materials, 2016, 6, 1601211.	19.5	45
59	Highly Sensitive and Quick Detection of Acute Myocardial Infarction Biomarkers Using In ₂ O ₃ Nanoribbon Biosensors Fabricated Using Shadow Masks. ACS Nano, 2016, 10, 10117-10125.	14.6	69
60	Dependence of Phosphorescent Emitter Orientation on Deposition Technique in Doped Organic Films. Chemistry of Materials, 2016, 28, 712-715.	6.7	54
61	A quinoidal bis-phenalenyl-fused porphyrin with supramolecular organization and broad near-infrared absorption. Chemical Communications, 2016, 52, 1949-1952.	4.1	17
62	Singlet Fission in a Covalently Linked Cofacial Alkynyltetracene Dimer. Journal of the American Chemical Society, 2016, 138, 617-627.	13.7	248
63	Understanding and predicting the orientation ofÂheteroleptic phosphors in organic light-emittingAmaterials. Nature Materials, 2016, 15, 85-91.	27.5	217
64	Deep blue phosphorescent organic light-emitting diodes with very high brightness and efficiency. Nature Materials, 2016, 15, 92-98.	27.5	696
65	Charge transport and exciton dissociation in organic solar cells consisting of dipolar donors mixed with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">C<mml:mn>70</mml:mn></mml:mi </mml:msub></mml:math> . Physical Review B, 2015, 92.	3.2	47
66	Highly Scalable, Uniform, and Sensitive Biosensors Based on Top-Down Indium Oxide Nanoribbons and Electronic Enzyme-Linked Immunosorbent Assay. Nano Letters, 2015, 15, 1943-1951.	9.1	60
67	Impact of Molecular Orientation and Spontaneous Interfacial Mixing on the Performance of Organic Solar Cells. Chemistry of Materials, 2015, 27, 5597-5604.	6.7	40
68	Implications of Multichromophoric Arrays in Organic Photovoltaics. Chemistry of Materials, 2015, 27, 5386-5392.	6.7	15
69	Solvent vapor annealing on perylene-based organic solar cells. Journal of Materials Chemistry A, 2015, 3, 15700-15709.	10.3	29
70	Synthesis and characterization of phosphorescent platinum and iridium complexes with cyclometalated corannulene. Dalton Transactions, 2015, 44, 8456-8466.	3.3	10
71	Symmetry-Breaking Charge Transfer in a Zinc Chlorodipyrrin Acceptor for High Open Circuit Voltage Organic Photovoltaics. Journal of the American Chemical Society, 2015, 137, 5397-5405.	13.7	82
72	High-Efficiency BODIPY-Based Organic Photovoltaics. ACS Applied Materials & Interfaces, 2015, 7, 662-669.	8.0	79

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73	Amorphous vs crystalline exciton blocking layers at the anode interface in planar and planar-mixed heterojunction organic solar cells. Applied Physics Letters, 2014, 104, .	3.3	13
74	In Situ Observation of Degradation by Ligand Substitution in Small-Molecule Phosphorescent Organic Light-Emitting Diodes. Chemistry of Materials, 2014, 26, 6578-6584.	6.7	30
75	Phosphorescence versus Thermally Activated Delayed Fluorescence. Controlling Singlet–Triplet Splitting in Brightly Emitting and Sublimable Cu(I) Compounds. Journal of the American Chemical Society, 2014, 136, 16032-16038.	13.7	372
76	Multichromophoric energy sensitization of C60 for organic photovoltaics. Applied Physics Letters, 2014, 105, 113305.	3.3	4
77	Synthesis and photophysical characterization of a bis-pincer osmium complex. Polyhedron, 2014, 84, 136-143.	2.2	6
78	Control of emission colour with N-heterocyclic carbene (NHC) ligands in phosphorescent three-coordinate Cu(<scp>i</scp>) complexes. Chemical Communications, 2014, 50, 7176-7179.	4.1	122
79	Metal deposition for optoelectronic devices using a low vacuum vapor phase deposition (VPD) system. Organic Electronics, 2014, 15, 3052-3060.	2.6	2
80	Simple and High Efficiency Phosphorescence Organic Light-Emitting Diodes with Codeposited Copper(I) Emitter. Chemistry of Materials, 2014, 26, 2368-2373.	6.7	108
81	Symmetry-Breaking Charge Transfer of Visible Light Absorbing Systems: Zinc Dipyrrins. Journal of Physical Chemistry C, 2014, 118, 21834-21845.	3.1	103
82	Reâ€evaluating the Role of Sterics and Electronic Coupling in Determining the Openâ€Circuit Voltage of Organic Solar Cells. Advanced Materials, 2013, 25, 6076-6082.	21.0	90
83	Efficient Energy Sensitization of C ₆₀ and Application to Organic Photovoltaics. Journal of the American Chemical Society, 2013, 135, 11920-11928.	13.7	17
84	Control of Interface Order by Inverse Quasi-Epitaxial Growth of Squaraine/Fullerene Thin Film Photovoltaics. ACS Nano, 2013, 7, 9268-9275.	14.6	59
85	Virtual screening of electron acceptor materials for organic photovoltaic applications. New Journal of Physics, 2013, 15, 105029.	2.9	24
86	Photophysical Properties of Cyclometalated Pt(II) Complexes: Counterintuitive Blue Shift in Emission with an Expanded Ligand π System. Inorganic Chemistry, 2013, 52, 12403-12415.	4.0	143
87	Fused Porphyrin–Single-Walled Carbon Nanotube Hybrids: Efficient Formation and Photophysical Characterization. ACS Nano, 2013, 7, 3466-3475.	14.6	67
88	A Fullerene-Based Organic Exciton Blocking Layer with High Electron Conductivity. Nano Letters, 2013, 13, 3315-3320.	9.1	42
89	Aqueous Colloidal Acene Nanoparticles: A New Platform for Studying Singlet Fission. Journal of Physical Chemistry B, 2013, 117, 15519-15526.	2.6	47
90	Solar Cells: Reâ€evaluating the Role of Sterics and Electronic Coupling in Determining the Openâ€Circuit Voltage of Organic Solar Cells (Adv. Mater. 42/2013). Advanced Materials, 2013, 25, 5990-5990.	21.0	1

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91	Top-down Fabricated Polysilicon Nanoribbon Biosensor Chips for Cancer Diagnosis. Materials Research Society Symposia Proceedings, 2013, 1569, 213-218.	0.1	1
92	Advances in the development and growth of functional materials: Toward the paradigm of materials by design. MRS Bulletin, 2012, 37, 682-690.	3.5	7
93	Anionic iridium complexes for solid state light-emitting electrochemical cells. Journal of Materials Chemistry, 2012, 22, 9556.	6.7	52
94	Chemical Annealing of Zinc Tetraphenylporphyrin Films: Effects on Film Morphology and Organic Photovoltaic Performance. Chemistry of Materials, 2012, 24, 2583-2591.	6.7	24
95	Symmetry-breaking intramolecular charge transfer in the excited state of meso-linked BODIPY dyads. Chemical Communications, 2012, 48, 284-286.	4.1	137
96	Structural and Photophysical Studies of Phosphorescent Three-Coordinate Copper(I) Complexes Supported by an N-Heterocyclic Carbene Ligand. Organometallics, 2012, 31, 7983-7993.	2.3	113
97	Power losses in bilayer inverted small molecule organic solar cells. Applied Physics Letters, 2012, 101, 233903.	3.3	6
98	Cu ₄ 1 ₄ Clusters Supported by P ^{â^§} N-type Ligands: New Structures with Tunable Emission Colors. Inorganic Chemistry, 2012, 51, 230-236.	4.0	140
99	Porphyrins Fused with Unactivated Polycyclic Aromatic Hydrocarbons. Journal of Organic Chemistry, 2012, 77, 143-159.	3.2	72
100	Independent Control of Bulk and Interfacial Morphologies of Small Molecular Weight Organic Heterojunction Solar Cells. Nano Letters, 2012, 12, 4366-4371.	9.1	114
101	Efficient Singlet Fission Discovered in a Disordered Acene Film. Journal of the American Chemical Society, 2012, 134, 6388-6400.	13.7	275
102	Functionalized Squaraine Donors for Nanocrystalline Organic Photovoltaics. ACS Nano, 2012, 6, 972-978.	14.6	102
103	Smallâ€Molecule Photovoltaics Based on Functionalized Squaraine Donor Blends. Advanced Materials, 2012, 24, 1956-1960.	21.0	96
104	Photophysical and electrochemical properties of 1,3-bis(2-pyridylimino)isoindolate platinum(ii) derivatives. Dalton Transactions, 2012, 41, 8648.	3.3	19
105	Surface chemical immobilization of parylene C with thermosensitive block copolymer brushes based on <i>N</i> â€isopropylacrylamide and <i>N</i> â€ <i>tert</i> â€butylacrylamide: Synthesis, characterization, and cell adhesion/detachment. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012 100B 217-229	3.4	13
106	Squaraine donors for high efficiency small molecule solar cells. , 2011, , .		0
107	Singlet and Triplet Excitation Management in a Bichromophoric Near-Infrared-Phosphorescent BODIPY-Benzoporphyrin Platinum Complex. Journal of the American Chemical Society, 2011, 133, 88-96.	13.7	147
108	Effect of Sulfur Poisoning in High Pressure Catalytic Partial Oxidation of Methane over Rhâ^'Ce/Al ₂ O ₃ Catalyst. Industrial & Engineering Chemistry Research, 2011, 50, 4373-4380.	3.7	5

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109	Selective, Electrochemically Activated Biofunctionalization of In ₂ O ₃ Nanowires Using an Air-Stable Surface Modifier. ACS Applied Materials & Interfaces, 2011, 3, 4765-4769.	8.0	8
110	Observation of Triplet Exciton Formation in a Platinum-Sensitized Organic Photovoltaic Device. Journal of Physical Chemistry Letters, 2011, 2, 48-54.	4.6	41
111	Current Challenges in Organic Photovoltaic Solar Energy Conversion. Topics in Current Chemistry, 2011, 312, 175-212.	4.0	27
112	Substituted 1,3-Bis(imino)isoindole Diols: A New Class of Proton Transfer Dyes. Organic Letters, 2011, 13, 1598-1601.	4.6	32
113	Rapid, Label-Free, Electrical Whole Blood Bioassay Based on Nanobiosensor Systems. ACS Nano, 2011, 5, 9883-9891.	14.6	74
114	Arylamine-Based Squaraine Donors for Use in Organic Solar Cells. Nano Letters, 2011, 11, 4261-4264.	9.1	84
115	A Codeposition Route to Culâ^'Pyridine Coordination Complexes for Organic Light-Emitting Diodes. Journal of the American Chemical Society, 2011, 133, 3700-3703.	13.7	244
116	N,N-Di <i>aryl</i> anilinosquaraines and Their Application to Organic Photovoltaics. Chemistry of Materials, 2011, 23, 4789-4798.	6.7	113
117	The molecular nature of photovoltage losses in organic solar cells. Chemical Communications, 2011, 47, 3702.	4.1	122
118	Acetylide-bridged tetracene dimers. Chemical Communications, 2011, 47, 3754.	4.1	23
119	Cascade Organic Solar Cells. Chemistry of Materials, 2011, 23, 4132-4140.	6.7	82
120	Separated Carbon Nanotube Macroelectronics for Active Matrix Organic Light-Emitting Diode Displays. Nano Letters, 2011, 11, 4852-4858.	9.1	110
121	Chemical surface modification of parylene C for enhanced protein immobilization and cell proliferation. Acta Biomaterialia, 2011, 7, 3746-3756.	8.3	26
122	Solventâ€Annealed Crystalline Squaraine: PC ₇₀ BM (1:6) Solar Cells. Advanced Energy Materials, 2011, 1, 184-187.	19.5	254
123	Use of additives in porphyrin-tape/C60 near-infrared photodetectors. Organic Electronics, 2011, 12, 869-873.	2.6	49
124	Reciprocal carrier collection in organic photovoltaics. Physical Review B, 2011, 84, .	3.2	8
125	Organic photovoltaics incorporating electron conducting exciton blocking layers. Applied Physics Letters, 2011, 98, 243307.	3.3	70

126 Electron conducting buffer layers in organic photovoltaics. , 2011, , .

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127	Elucidating the interplay between dark current coupling and open circuit voltage in organic photovoltaics. Applied Physics Letters, 2011, 98, .	3.3	49
128	Continuous, Highly Flexible, and Transparent Graphene Films by Chemical Vapor Deposition for Organic Photovoltaics. ACS Nano, 2010, 4, 2865-2873.	14.6	1,148
129	Porphyrinâ€Tape/C ₆₀ Organic Photodetectors with 6.5% External Quantum Efficiency in the Near Infrared. Advanced Materials, 2010, 22, 2780-2783.	21.0	137
130	Fused Pyrene–Diporphyrins: Shifting Nearâ€Infrared Absorption to 1.5 μm and Beyond. Angewandte Chem - International Edition, 2010, 49, 5523-5526.	ie 13.8	87
131	Singlet–triplet quenching in high intensity fluorescent organic light emitting diodes. Chemical Physics Letters, 2010, 495, 161-165.	2.6	57
132	Combined magnetic resonance and optical imaging of head and neck tumor xenografts using Gadolinium-labelled phosphorescent polymeric nanomicelles. Head & Neck Oncology, 2010, 2, 35.	2.3	23
133	Solution-Phase Synthesis of SnSe Nanocrystals for Use in Solar Cells. Journal of the American Chemical Society, 2010, 132, 4060-4061.	13.7	318
134	Efficient, Ordered Bulk Heterojunction Nanocrystalline Solar Cells by Annealing of Ultrathin Squaraine Thin Films. Nano Letters, 2010, 10, 3555-3559.	9.1	132
135	Importance of Controlling Nanotube Density for Highly Sensitive and Reliable Biosensors Functional in Physiological Conditions. ACS Nano, 2010, 4, 6914-6922.	14.6	78
136	A Paradigm for Blue- or Red-Shifted Absorption of Small Molecules Depending on the Site of Ï€-Extension. Journal of the American Chemical Society, 2010, 132, 16247-16255.	13.7	96
137	Efficient Dipyrrin-Centered Phosphorescence at Room Temperature from Bis-Cyclometalated Iridium(III) Dipyrrinato Complexes. Inorganic Chemistry, 2010, 49, 6077-6084.	4.0	142
138	Properties of Fluorenyl Silanes in Organic Light Emitting Diodes. Chemistry of Materials, 2010, 22, 1724-1731.	6.7	37
139	Study of Ion-Paired Iridium Complexes (Soft Salts) and Their Application in Organic Light Emitting Diodes. Journal of the American Chemical Society, 2010, 132, 3133-3139.	13.7	135
140	Solution-Processed Squaraine Bulk Heterojunction Photovoltaic Cells. ACS Nano, 2010, 4, 1927-1934.	14.6	156
141	Synthesis and characterization of phosphorescent three-coordinate Cu(i)–NHC complexes. Chemical Communications, 2010, 46, 6696.	4.1	152
142	Improvement of metal and tissue adhesion on surfaceâ€modified parylene C. Journal of Biomedical Materials Research - Part A, 2009, 89A, 206-214.	4.0	7
143	Study of Energy Transfer and Triplet Exciton Diffusion in Holeâ€Transporting Host Materials. Advanced Functional Materials, 2009, 19, 3157-3164.	14.9	66
144	Organic Photovoltaics Using Tetraphenylbenzoporphyrin Complexes as Donor Layers. Advanced Materials, 2009, 21, 1517-1520.	21.0	51

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145	A round robin study of flexible large-area roll-to-roll processed polymer solar cell modules. Solar Energy Materials and Solar Cells, 2009, 93, 1968-1977.	6.2	205
146	Measurement of the lowest unoccupied molecular orbital energies of molecular organic semiconductors. Organic Electronics, 2009, 10, 515-520.	2.6	390
147	Triplet state relaxation processes of the OLED emitter Pt(4,6-dFppy)(acac). Chemical Physics Letters, 2009, 468, 46-51.	2.6	32
148	Molecular and Morphological Influences on the Open Circuit Voltages of Organic Photovoltaic Devices. Journal of the American Chemical Society, 2009, 131, 9281-9286.	13.7	491
149	Blue Light Emitting Ir(III) Compounds for OLEDs - New Insights into Ancillary Ligand Effects on the Emitting Triplet State. Journal of Physical Chemistry A, 2009, 113, 5927-5932.	2.5	150
150	Matrix Effects on the Triplet State of the OLED Emitter Ir(4,6-dFppy) ₂ (pic) (FIrpic): Investigations by High-Resolution Optical Spectroscopy. Inorganic Chemistry, 2009, 48, 1928-1937.	4.0	119
151	A Calibration Method for Nanowire Biosensors to Suppress Device-to-Device Variation. ACS Nano, 2009, 3, 3969-3976.	14.6	118
152	Label-Free, Electrical Detection of the SARS Virus N-Protein with Nanowire Biosensors Utilizing Antibody Mimics as Capture Probes. ACS Nano, 2009, 3, 1219-1224.	14.6	203
153	Near-Infrared Phosphorescent Polymeric Nanomicelles: Efficient Optical Probes for Tumor Imaging and Detection. ACS Applied Materials & amp; Interfaces, 2009, 1, 1474-1481.	8.0	81
154	Exciplex quenching of a luminescent cyclometallated platinum complex by extremely poor Lewis bases. Chemical Communications, 2009, , 4215.	4.1	25
155	High efficiency organic photovoltaic cells based on a vapor deposited squaraine donor. Applied Physics Letters, 2009, 94, .	3.3	101
156	High-Performance Single-Crystalline Arsenic-Doped Indium Oxide Nanowires for Transparent Thin-Film Transistors and Active Matrix Organic Light-Emitting Diode Displays. ACS Nano, 2009, 3, 3383-3390.	14.6	88
157	Temperature Dependence of Blue Phosphorescent Cyclometalated Ir(III) Complexes. Journal of the American Chemical Society, 2009, 131, 9813-9822.	13.7	558
158	Organic Materials for Solar Photovoltaics. , 2009, , .		0
159	Matrix influence on the OLED emitter Ir(btp)2(acac) in polymeric host materials – Studies by persistent spectral hole burning. Organic Electronics, 2008, 9, 641-648.	2.6	30
160	Phosphorescent Platinum Dyads with Cyclometalated Ligands: Synthesis, Characterization, and Photophysical Studies. Journal of Physical Chemistry C, 2008, 112, 8022-8031.	3.1	52
161	Wavelength-Dependent Photofragmentation of a Mixed-Ligand Cyclometalated Platinum(II) Coordination Compound in a Molecular Beam. Inorganic Chemistry, 2008, 47, 2389-2395.	4.0	5
162	Actuation of polypyrrole nanowires. Nanotechnology, 2008, 19, 165501.	2.6	25

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163	Pâ€204: <i>Distinguished Poster Paper</i> : A Near Infrared OLED for Day/Night Display. Digest of Technical Papers SID International Symposium, 2008, 39, 1975-1977.	0.3	2
164	47.4: Blue Phosphorescent Organic Light Emitting Device Stability Analysis. Digest of Technical Papers SID International Symposium, 2008, 39, 712.	0.3	6
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