Mark E Thompson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6111108/publications.pdf

Version: 2024-02-01

293	44,450	2309	2239
papers	citations	101 h-index	207 g-index

299	299	299	30618
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Symmetric â€œDouble Spiroâ€•Wide Energy Gap Hosts for Blue Phosphorescent OLED Devices. Advanced Optical Materials, 2022, 10, 2101530.	3.6	14
2	Editorial for the special issue of Materials Horizons in honor of Seth Marder. Materials Horizons, 2022, 9, 15-16.	6.4	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.	3.2	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.	2.7	20
5	Ï€-Extension of heterocycles via a Pd-catalyzed heterocyclic aryne annulation: Ï€-extended donors for TADF emitters. Chemical Science, 2022, 13, 5884-5892.	3.7	7
6	Controlling Symmetry Breaking Charge Transfer in BODIPY Pairs. Accounts of Chemical Research, 2022, 55, 1561-1572.	7.6	19
7	Phosphorescent monometallic and bimetallic two-coordinate Au(I) complexes with N-heterocyclic carbene and aryl ligands. Inorganica Chimica Acta, 2021, 517, 120188.	1.2	6
8	Synthesis and Characterization of Zinc(II) Complexes Bearing 4-Acridinol and 1-Phenazinol Ligands. Inorganic Chemistry, 2021, 60, 866-871.	1.9	1
9	Blue Emissive fac/merâ€•Iridium (III) NHC Carbene Complexes and their Application in OLEDs. Advanced Optical Materials, 2021, 9, 2001994.	3.6	51
10	A Luminescent Twoâ€Coordinate Au^IBimetallic Complex with a Tandemâ€Carbene Structure: A Molecular Design for the Enhancement of TADF Radiative Decay Rate. Chemistry - A European Journal, 2021, 27, 6191-6197.	1.7	18
11	Tuning the Photophysical and Electrochemical Properties of Azaâ€Boronâ€Dipyridylmethenes for Fluorescent Blue OLEDs. Advanced Functional Materials, 2021, 31, 2101175.	7.8	15
12	Molecular Alignment of Homoleptic Iridium Phosphors in Organic Lightâ€Emitting Diodes. Advanced Materials, 2021, 33, e2102882.	11.1	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.	1.2	4
14	Reversible Bioadhesives Using Tannic Acid Primed Thermallyâ€Responsive Polymers. Advanced Functional Materials, 2020, 30, 1907478.	7.8	42
15	Influence of Dimethyl Sulfoxide on the Structural Topology during Crystallization of PbI₂. Inorganic Chemistry, 2020, 59, 16799-16803.	1.9	3
16	Highly Efficient Deep Blue Luminescence of 2-Coordinate Coinage Metal Complexes Bearing Bulky NHC Benzimidazolyl Carbene. Frontiers in Chemistry, 2020, 8, 401.	1.8	42
17	Vibrational Sum Frequency Generation Study of the Interference Effect on a Thin Film of 4,4â€²-Bis(N-carbazolyl)-1,1â€²-biphenyl (CBP) and Its Interfacial Orientation. ACS Applied Materials & Interfaces, 2020, 12, 26515-26524.	4.0	11
18	Thermally assisted delayed fluorescence (TADF): fluorescence delayed is fluorescence denied. Materials Horizons, 2020, 7, 1210-1217.	6.4	73

#	Article	IF	Citations
19	Enhancement of the Luminescent Efficiency in Carbene-Au^(I)-Aryl Complexes by the Restriction of Rennerâ€“Teller Distortion and Bond Rotation. Journal of the American Chemical Society, 2020, 142, 6158-6172.	6.6	72
20	Molecular dynamics of four-coordinate carbene-Cu(I) complexes employing tris(pyrazolyl)borate ligands. Polyhedron, 2020, 180, 114381.	1.0	5
21	Tuning State Energies for Narrow Blue Emission in Tetradentate Pyridyl-Carbazole Platinum Complexes. Inorganic Chemistry, 2019, 58, 12348-12357.	1.9	22
22	Improving Photocatalysis for the Reduction of CO₂ through Non-covalent Supramolecular Assembly. Journal of the American Chemical Society, 2019, 141, 14961-14965.	6.6	89
23	Symmetry breaking charge transfer as a means to study electron transfer with no driving force. Faraday Discussions, 2019, 216, 379-394.	1.6	46
24	Symmetric pyrrolic squaraines and their application to organic photovoltaics. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 374, 16-21.	2.0	7
25	Performance of enhanced DuBois type water reduction catalysts (WRC) in artificial photosynthesis â€“ effects of various proton relays during catalysis. Faraday Discussions, 2019, 215, 141-161.	1.6	10
26	Systematic Control of the Orientation of Organic Phosphorescent Pt Complexes in Thin Films for Increased Optical Outcoupling. Advanced Materials, 2019, 31, e1900921.	11.1	35
27	â€œQuick-Silverâ€•from a Systematic Study of Highly Luminescent, Two-Coordinate, d¹⁰ Coinage Metal Complexes. Journal of the American Chemical Society, 2019, 141, 8616-8626.	6.6	187
28	Molecular Orientation of Poly-3-hexylthiophene at the Buried Interface with Fullerene. Journal of Physical Chemistry Letters, 2019, 10, 1757-1762.	2.1	22
29	Eliminating nonradiative decay in Cu(I) emitters: >99% quantum efficiency and microsecond lifetime. Science, 2019, 363, 601-606.	6.0	450
30	Phenanthro[9,10-d]triazole and imidazole derivatives: high triplet energy host materials for blue phosphorescent organic light emitting devices. Materials Horizons, 2019, 6, 1179-1186.	6.4	36
31	Anionic order and band gap engineering in vacancy ordered triple perovskites. Chemical Communications, 2019, 55, 3164-3167.	2.2	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.	6.6	223
33	Tetraâ€Azaâ€Pentacenes by means of a Oneâ€Pot FriedlÃnder Synthesis. Chemistry - A European Journal, 2019, 25, 1472-1475.	1.7	9
34	Rapid Multiscale Computational Screening for OLED Host Materials. ACS Applied Materials & Interfaces, 2019, 11, 5276-5288.	4.0	13
35	Understanding molecular fragmentation in blue phosphorescent organic light-emitting devices. Organic Electronics, 2019, 64, 15-21.	1.4	42
36	Tuning the Optical and Photophysical Properties of Boron Aza-Dipyridylmethene dyes for Optoelectronics Application. , 2019, , .		0

#	Article	IF	Citations
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(N-isopropylacrylamide): controlled gelation. Physical Chemistry Chemical Physics, 2018, 20, 13623-13631.	1.3	14
39	Symmetry-Breaking Charge Transfer in Boron Dipyridylmethene (DIPYR) Dimers. ACS Applied Energy Materials, 2018, 1, 1083-1095.	2.5	52
40	Synthesis and characterization of phosphorescent isomeric iridium complexes with a rigid cyclometalating ligand. Polyhedron, 2018, 140, 138-145.	1.0	9
41	Manipulating Triplet Yield through Control of Symmetry-Breaking Charge Transfer. Journal of Physical Chemistry Letters, 2018, 9, 3264-3270.	2.1	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.	1.2	13
43	Linker-Dependent Singlet Fission in Tetracene Dimers. Journal of the American Chemical Society, 2018, 140, 10179-10190.	6.6	129
44	Hot excited state management for long-lived blue phosphorescent organic light-emitting diodes. Nature Communications, 2017, 8, 15566.	5.8	209
45	Synthesis and characterization of phosphorescent two-coordinate copper(<scp>i</scp>) complexes bearing diamidocarbene ligands. Dalton Transactions, 2017, 46, 745-752.	1.6	52
46	Emitter Orientation as a Key Parameter in Organic Light-Emitting Diodes. Physical Review Applied, 2017, 8, .	1.5	158
47	Phosphorescent 2-, 3- and 4-coordinate cyclic (alkyl)(amino)carbene (CAAC) Cu(<scp>i</scp>) complexes. Chemical Communications, 2017, 53, 9008-9011.	2.2	72
48	High-Performance Sub-Micrometer Channel WSe₂ Field-Effect Transistors Prepared Using a Floodâ€“Dike Printing Method. ACS Nano, 2017, 11, 12536-12546.	7.3	7
49	A reversible thermoresponsive sealant for temporary closure of ocular trauma. Science Translational Medicine, 2017, 9, .	5.8	57
50	Boron Dipyridylmethene (DIPYR) Dyes: Shedding Light on Pyridine-Based Chromophores. Journal of Organic Chemistry, 2017, 82, 7215-7222.	1.7	26
51	Vibronic Structure in Room Temperature Photoluminescence of the Halide Perovskite Cs₃Bi₂Br₉. Inorganic Chemistry, 2017, 56, 42-45.	1.9	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.	1.0	9

#	Article	IF	Citations
55	ORGANIC LIGHT EMITTING DEVICES. Materials and Energy, 2016, , 195-241.	2.5	1
56	Gram Scale Synthesis of Benzophenanthroline and Its Blue Phosphorescent Platinum Complex. Organic Letters, 2016, 18, 3960-3963.	2.4	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.	1.5	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.	10.2	45
59	Highly Sensitive and Quick Detection of Acute Myocardial Infarction Biomarkers Using In₂O₃ Nanoribbon Biosensors Fabricated Using Shadow Masks. ACS Nano, 2016, 10, 10117-10125.	7.3	69
60	Dependence of Phosphorescent Emitter Orientation on Deposition Technique in Doped Organic Films. Chemistry of Materials, 2016, 28, 712-715.	3.2	54
61	A quinoidal bis-phenalenyl-fused porphyrin with supramolecular organization and broad near-infrared absorption. Chemical Communications, 2016, 52, 1949-1952.	2.2	17
62	Singlet Fission in a Covalently Linked Cofacial Alkynyltetracene Dimer. Journal of the American Chemical Society, 2016, 138, 617-627.	6.6	248
63	Understanding and predicting the orientation ofÂheteroleptic phosphors in organic light-emittingÂmaterials. Nature Materials, 2016, 15, 85-91.	13.3	217
64	Deep blue phosphorescent organic light-emitting diodes with very high brightness and efficiency. Nature Materials, 2016, 15, 92-98.	13.3	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:mi><mml:mn>70</mml:mn></mml:msub></mml:math>. Physical Review B, 2015, 92, .	1.1	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.	4.5	60
67	Impact of Molecular Orientation and Spontaneous Interfacial Mixing on the Performance of Organic Solar Cells. Chemistry of Materials, 2015, 27, 5597-5604.	3.2	40
68	Implications of Multichromophoric Arrays in Organic Photovoltaics. Chemistry of Materials, 2015, 27, 5386-5392.	3.2	15
69	Solvent vapor annealing on perylene-based organic solar cells. Journal of Materials Chemistry A, 2015, 3, 15700-15709.	5.2	29
70	Synthesis and characterization of phosphorescent platinum and iridium complexes with cyclometalated corannulene. Dalton Transactions, 2015, 44, 8456-8466.	1.6	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.	6.6	82
72	High-Efficiency BODIPY-Based Organic Photovoltaics. ACS Applied Materials & Interfaces, 2015, 7, 662-669.	4.0	79

#	Article	IF	Citations
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, .	1.5	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.	3.2	30
75	Phosphorescence versus Thermally Activated Delayed Fluorescence. Controlling Singletâ€“Triplet Splitting in Brightly Emitting and Sublimable Cu(I) Compounds. Journal of the American Chemical Society, 2014, 136, 16032-16038.	6.6	372
76	Multichromophoric energy sensitization of C60 for organic photovoltaics. Applied Physics Letters, 2014, 105, 113305.	1.5	4
77	Synthesis and photophysical characterization of a bis-pincer osmium complex. Polyhedron, 2014, 84, 136-143.	1.0	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.	2.2	122
79	Metal deposition for optoelectronic devices using a low vacuum vapor phase deposition (VPD) system. Organic Electronics, 2014, 15, 3052-3060.	1.4	2
80	Simple and High Efficiency Phosphorescence Organic Light-Emitting Diodes with Codeposited Copper(I) Emitter. Chemistry of Materials, 2014, 26, 2368-2373.	3.2	108
81	Symmetry-Breaking Charge Transfer of Visible Light Absorbing Systems: Zinc Dipyrrins. Journal of Physical Chemistry C, 2014, 118, 21834-21845.	1.5	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.	11.1	90
83	Efficient Energy Sensitization of C₆₀ and Application to Organic Photovoltaics. Journal of the American Chemical Society, 2013, 135, 11920-11928.	6.6	17
84	Control of Interface Order by Inverse Quasi-Epitaxial Growth of Squaraine/Fullerene Thin Film Photovoltaics. ACS Nano, 2013, 7, 9268-9275.	7.3	59
85	Virtual screening of electron acceptor materials for organic photovoltaic applications. New Journal of Physics, 2013, 15, 105029.	1.2	24
86	Photophysical Properties of Cyclometalated Pt(II) Complexes: Counterintuitive Blue Shift in Emission with an Expanded Ligand Ï€ System. Inorganic Chemistry, 2013, 52, 12403-12415.	1.9	143
87	Fused Porphyrinâ€“Single-Walled Carbon Nanotube Hybrids: Efficient Formation and Photophysical Characterization. ACS Nano, 2013, 7, 3466-3475.	7.3	67
88	A Fullerene-Based Organic Exciton Blocking Layer with High Electron Conductivity. Nano Letters, 2013, 13, 3315-3320.	4.5	42
89	Aqueous Colloidal Acene Nanoparticles: A New Platform for Studying Singlet Fission. Journal of Physical Chemistry B, 2013, 117, 15519-15526.	1.2	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.	11.1	1

#	Article	IF	Citations
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.	1.7	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.	3.2	24
95	Symmetry-breaking intramolecular charge transfer in the excited state of meso-linked BODIPY dyads. Chemical Communications, 2012, 48, 284-286.	2.2	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.	1.1	113
97	Power losses in bilayer inverted small molecule organic solar cells. Applied Physics Letters, 2012, 101, 233903.	1.5	6
98	Cu₄I₄ Clusters Supported by P^{â§}N-type Ligands: New Structures with Tunable Emission Colors. Inorganic Chemistry, 2012, 51, 230-236.	1.9	140
99	Porphyrins Fused with Unactivated Polycyclic Aromatic Hydrocarbons. Journal of Organic Chemistry, 2012, 77, 143-159.	1.7	72
100	Independent Control of Bulk and Interfacial Morphologies of Small Molecular Weight Organic Heterojunction Solar Cells. Nano Letters, 2012, 12, 4366-4371.	4.5	114
101	Efficient Singlet Fission Discovered in a Disordered Acene Film. Journal of the American Chemical Society, 2012, 134, 6388-6400.	6.6	275
102	Functionalized Squaraine Donors for Nanocrystalline Organic Photovoltaics. ACS Nano, 2012, 6, 972-978.	7.3	102
103	Smallâ€Molecule Photovoltaics Based on Functionalized Squaraine Donor Blends. Advanced Materials, 2012, 24, 1956-1960.	11.1	96
104	Photophysical and electrochemical properties of 1,3-bis(2-pyridylimino)isoindolate platinum(ii) derivatives. Dalton Transactions, 2012, 41, 8648.	1.6	19
105	Surface chemical immobilization of parylene C with thermosensitive block copolymer brushes based onNâ€isopropylacrylamide andNâ€tertâ€butylacrylamide: Synthesis, characterization, and cell adhesion/detachment. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 217-229.	1.6	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.	6.6	147
108	Effect of Sulfur Poisoning in High Pressure Catalytic Partial Oxidation of Methane over Rhâ^'Ce/Al₂O₃ Catalyst. Industrial & Engineering Chemistry Research, 2011, 50, 4373-4380.	1.8	5

#	Article	IF	Citations
109	Selective, Electrochemically Activated Biofunctionalization of In₂O₃ Nanowires Using an Air-Stable Surface Modifier. ACS Applied Materials & Interfaces, 2011, 3, 4765-4769.	4.0	8
110	Observation of Triplet Exciton Formation in a Platinum-Sensitized Organic Photovoltaic Device. Journal of Physical Chemistry Letters, 2011, 2, 48-54.	2.1	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.	2.4	32
113	Rapid, Label-Free, Electrical Whole Blood Bioassay Based on Nanobiosensor Systems. ACS Nano, 2011, 5, 9883-9891.	7.3	74
114	Arylamine-Based Squaraine Donors for Use in Organic Solar Cells. Nano Letters, 2011, 11, 4261-4264.	4.5	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.	6.6	244
116	N,N-Diarylanilinosquaraines and Their Application to Organic Photovoltaics. Chemistry of Materials, 2011, 23, 4789-4798.	3.2	113
117	The molecular nature of photovoltage losses in organic solar cells. Chemical Communications, 2011, 47, 3702.	2.2	122
118	Acetylide-bridged tetracene dimers. Chemical Communications, 2011, 47, 3754.	2.2	23
119	Cascade Organic Solar Cells. Chemistry of Materials, 2011, 23, 4132-4140.	3.2	82
120	Separated Carbon Nanotube Macroelectronics for Active Matrix Organic Light-Emitting Diode Displays. Nano Letters, 2011, 11, 4852-4858.	4.5	110
121	Chemical surface modification of parylene C for enhanced protein immobilization and cell proliferation. Acta Biomaterialia, 2011, 7, 3746-3756.	4.1	26
122	Solventâ€Annealed Crystalline Squaraine: PC₇₀BM (1:6) Solar Cells. Advanced Energy Materials, 2011, 1, 184-187.	10.2	254
123	Use of additives in porphyrin-tape/C60 near-infrared photodetectors. Organic Electronics, 2011, 12, 869-873.	1.4	49
124	Reciprocal carrier collection in organic photovoltaics. Physical Review B, 2011, 84, .	1.1	8
125	Organic photovoltaics incorporating electron conducting exciton blocking layers. Applied Physics Letters, 2011, 98, 243307.	1.5	70
126	Electron conducting buffer layers in organic photovoltaics. , 2011, , .		0

#	Article	IF	Citations
127	Elucidating the interplay between dark current coupling and open circuit voltage in organic photovoltaics. Applied Physics Letters, 2011, 98, .	1.5	49
128	Continuous, Highly Flexible, and Transparent Graphene Films by Chemical Vapor Deposition for Organic Photovoltaics. ACS Nano, 2010, 4, 2865-2873.	7.3	1,148
129	Porphyrinâ€Tape/C₆₀ Organic Photodetectors with 6.5% External Quantum Efficiency in the Near Infrared. Advanced Materials, 2010, 22, 2780-2783.	11.1	137
130	Fused Pyreneâ€“Diporphyrins: Shifting Nearâ€Infrared Absorption to 1.5â€...Î¼m and Beyond. Angewandte Chemie - International Edition, 2010, 49, 5523-5526.	7.2	87
131	Singletâ€“triplet quenching in high intensity fluorescent organic light emitting diodes. Chemical Physics Letters, 2010, 495, 161-165.	1.2	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.	6.6	318
134	Efficient, Ordered Bulk Heterojunction Nanocrystalline Solar Cells by Annealing of Ultrathin Squaraine Thin Films. Nano Letters, 2010, 10, 3555-3559.	4.5	132
135	Importance of Controlling Nanotube Density for Highly Sensitive and Reliable Biosensors Functional in Physiological Conditions. ACS Nano, 2010, 4, 6914-6922.	7.3	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.	6.6	96
137	Efficient Dipyrrin-Centered Phosphorescence at Room Temperature from Bis-Cyclometalated Iridium(III) Dipyrrinato Complexes. Inorganic Chemistry, 2010, 49, 6077-6084.	1.9	142
138	Properties of Fluorenyl Silanes in Organic Light Emitting Diodes. Chemistry of Materials, 2010, 22, 1724-1731.	3.2	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.	6.6	135
140	Solution-Processed Squaraine Bulk Heterojunction Photovoltaic Cells. ACS Nano, 2010, 4, 1927-1934.	7.3	156
141	Synthesis and characterization of phosphorescent three-coordinate Cu(i)â€“NHC complexes. Chemical Communications, 2010, 46, 6696.	2.2	152
142	Improvement of metal and tissue adhesion on surfaceâ€modified parylene C. Journal of Biomedical Materials Research - Part A, 2009, 89A, 206-214.	2.1	7
143	Study of Energy Transfer and Triplet Exciton Diffusion in Holeâ€Transporting Host Materials. Advanced Functional Materials, 2009, 19, 3157-3164.	7.8	66
144	Organic Photovoltaics Using Tetraphenylbenzoporphyrin Complexes as Donor Layers. Advanced Materials, 2009, 21, 1517-1520.	11.1	51

#	Article	IF	Citations
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.	3.0	205
146	Measurement of the lowest unoccupied molecular orbital energies of molecular organic semiconductors. Organic Electronics, 2009, 10, 515-520.	1.4	390
147	Triplet state relaxation processes of the OLED emitter Pt(4,6-dFppy)(acac). Chemical Physics Letters, 2009, 468, 46-51.	1.2	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.	6.6	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.	1.1	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.	1.9	119
151	A Calibration Method for Nanowire Biosensors to Suppress Device-to-Device Variation. ACS Nano, 2009, 3, 3969-3976.	7.3	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.	7.3	203
153	Near-Infrared Phosphorescent Polymeric Nanomicelles: Efficient Optical Probes for Tumor Imaging and Detection. ACS Applied Materials & Interfaces, 2009, 1, 1474-1481.	4.0	81
154	Exciplex quenching of a luminescent cyclometallated platinum complex by extremely poor Lewis bases. Chemical Communications, 2009, , 4215.	2.2	25
155	High efficiency organic photovoltaic cells based on a vapor deposited squaraine donor. Applied Physics Letters, 2009, 94, .	1.5	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.	7.3	88
157	Temperature Dependence of Blue Phosphorescent Cyclometalated Ir(III) Complexes. Journal of the American Chemical Society, 2009, 131, 9813-9822.	6.6	558
158	Organic Materials for Solar Photovoltaics. , 2009, , .		0
159	Matrix influence on the OLED emitter Ir(btp)2(acac) in polymeric host materials â€“ Studies by persistent spectral hole burning. Organic Electronics, 2008, 9, 641-648.	1.4	30
160	Phosphorescent Platinum Dyads with Cyclometalated Ligands: Synthesis, Characterization, and Photophysical Studies. Journal of Physical Chemistry C, 2008, 112, 8022-8031.	1.5	52
161	Wavelength-Dependent Photofragmentation of a Mixed-Ligand Cyclometalated Platinum(II) Coordination Compound in a Molecular Beam. Inorganic Chemistry, 2008, 47, 2389-2395.	1.9	5
162	Actuation of polypyrrole nanowires. Nanotechnology, 2008, 19, 165501.	1.3	25

#	Article	IF	Citations
163	Pâ€204: Distinguished Poster Paper: A Near Infrared OLED for Day/Night Display. Digest of Technical Papers SID International Symposium, 2008, 39, 1975-1977.	0.1	2
164	47.4: Blue Phosphorescent Organic Light Emitting Device Stability Analysis. Digest of Technical Papers SID International Symposium, 2008, 39, 712.	0.1	6
165	Exciton Migration in Organic LEDs and Solar Cells. , 2008, , .		0
166	Investigation of the Thermal Stability of 2-D Patterns of Au Nanoparticles. Journal of Nanoscience and Nanotechnology, 2007, 7, 2863-2869.	0.9	1
167	Spin-orbit coupling routes and OLED performance: studies of blue-light emitting Ir(III) and Pt(II) complexes. Proceedings of SPIE, 2007, , .	0.8	32
168	Introduction:Â Organic Electronics and Optoelectronics. Chemical Reviews, 2007, 107, 923-925.	23.0	708
169	Mercuric Ion Sensing by a Film Bulk Acoustic Resonator. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2007, 54, 1723-1725.	1.7	7
170	Bipolar Copolymers as Host for Electroluminescent Devices:Â Effects of Molecular Structure on Film Morphology and Device Performance. Macromolecules, 2007, 40, 8156-8161.	2.2	68
171	Triplet State Properties of the OLED Emitter Ir(btp)2(acac):Â Characterization by Site-Selective Spectroscopy and Application of High Magnetic Fields. Inorganic Chemistry, 2007, 46, 5076-5083.	1.9	88
172	New Thermally Cross-Linkable Polymer and Its Application as a Hole-Transporting Layer for Solution Processed Multilayer Organic Light Emitting Diodes. Chemistry of Materials, 2007, 19, 4827-4832.	3.2	121
173	The Evolution of Organometallic Complexes in Organic Light-Emitting Devices. MRS Bulletin, 2007, 32, 694-701.	1.7	107
174	Cyclometallated Iridium and Platinum Complexes with Noninnocent Ligands. Inorganic Chemistry, 2007, 46, 3865-3875.	1.9	57
175	Excited-State Distortions of Cyclometalated Ir(III) Complexes Determined from the Vibronic Structure in Luminescence Spectra. Journal of Physical Chemistry A, 2007, 111, 3256-3262.	1.1	21
176	Photophysics of Pt-porphyrin electrophosphorescent devices emitting in the near infrared. Applied Physics Letters, 2007, 90, 213503.	1.5	87
177	Cyclometalated iridium and platinum complexes as singlet oxygen photosensitizers: quantum yields, quenching rates and correlation with electronic structures. Dalton Transactions, 2007, , 3763.	1.6	180
178	Highly Efficient, Near-Infrared Electrophosphorescence from a Ptâ€“Metalloporphyrin Complex. Angewandte Chemie - International Edition, 2007, 46, 1109-1112.	7.2	246
179	Phosphorescence dynamics and spin-lattice relaxation of the OLED emitter Ir(btp)2(acac). Chemical Physics Letters, 2007, 444, 273-279.	1.2	29
180	Cyclometalated iridium(iii)-sensitized titanium dioxide solar cells. Photochemical and Photobiological Sciences, 2006, 5, 871.	1.6	115

#	Article	IF	Citations
181	Whole-Cell Sensing for a Harmful Bloom-Forming Microscopic Alga by Measuring Antibodyâ€“Antigen Forces. IEEE Transactions on Nanobioscience, 2006, 5, 149-156.	2.2	8
182	Enhanced Open-Circuit Voltage in Subphthalocyanine/C60 Organic Photovoltaic Cells. Journal of the American Chemical Society, 2006, 128, 8108-8109.	6.6	454
183	Living Radical Polymerization of Bipolar Transport Materials for Highly Efficient Light Emitting Diodes. Chemistry of Materials, 2006, 18, 386-395.	3.2	135
184	Management of singlet and triplet excitons for efficient white organic light-emitting devices. Nature, 2006, 440, 908-912.	13.7	2,178
185	Platinum Binuclear Complexes as Phosphorescent Dopants for Monochromatic and White Organic Light-Emitting Diodes. Advanced Functional Materials, 2006, 16, 2438-2446.	7.8	210
186	22.1: Invited Paper: Color Tuning Dopants for Electrophosphorescent Devices: Toward Efficient Blue Phosphorescence from Metal Complexes. Digest of Technical Papers SID International Symposium, 2005, 36, 1058.	0.1	6
187	Nanosensing applications of In 2 O 3 nanowires and carbon nanotubes. , 2005, 6008, 75.		0
188	Forming oriented organic crystals from amorphous thin films on patterned substrates via solvent-vapor annealing. Organic Electronics, 2005, 6, 211-220.	1.4	52
189	The effects of copper phthalocyanine purity on organic solar cell performance. Organic Electronics, 2005, 6, 242-246.	1.4	121
190	Excimer and electron transfer quenching studies of a cyclometalated platinum complex. Coordination Chemistry Reviews, 2005, 249, 1501-1510.	9.5	209
191	A film bulk acoustic resonator in liquid environments. Journal of Micromechanics and Microengineering, 2005, 15, 1911-1916.	1.5	78
192	Complementary Detection of Prostate-Specific Antigen Using In2O3 Nanowires and Carbon Nanotubes. Journal of the American Chemical Society, 2005, 127, 12484-12485.	6.6	376
193	Selective Functionalization of In2O3Nanowire Mat Devices for Biosensing Applications. Journal of the American Chemical Society, 2005, 127, 6922-6923.	6.6	232
194	Cationic Bis-cyclometalated Iridium(III) Diimine Complexes and Their Use in Efficient Blue, Green, and Red Electroluminescent Devices. Inorganic Chemistry, 2005, 44, 8723-8732.	1.9	564
195	Fabrication of Polystyrene Latex Nanostructures by Nanomanipulation and Thermal Processing. Nano Letters, 2005, 5, 2624-2629.	4.5	22
196	Blue and Near-UV Phosphorescence from Iridium Complexes with Cyclometalated Pyrazolyl orN-Heterocyclic Carbene Ligands. Inorganic Chemistry, 2005, 44, 7992-8003.	1.9	629
197	Metal (IV) tetras (8-hydroxyquinoline) (M = Zr, Hf) used as electroluminescent material and electron-transport layer in OLEDs. Journal of the Society for Information Display, 2005, 13, 405.	0.8	5
198	Synthetic Control of PtÂ·Â·Â·Pt Separation and Photophysics of Binuclear Platinum Complexes. Journal of the American Chemical Society, 2005, 127, 28-29.	6.6	304

#	Article	IF	Citations
199	Synthetic Control of Excited-State Properties in Cyclometalated Ir(III) Complexes Using Ancillary Ligands. Inorganic Chemistry, 2005, 44, 1713-1727.	1.9	663
200	Triple-doped white organic light-emitting devices grown in vacuum. , 2004, , .		0
201	Electrophosphorescence from substituted poly(thiophene) doped with iridium or platinum complex. Thin Solid Films, 2004, 468, 226-233.	0.8	28
202	Synthesis and characterization of cyclometalated Ir(III) complexes with pyrazolyl ancillary ligands. Polyhedron, 2004, 23, 419-428.	1.0	142
203	Organometallic Complexes as Hole-Transporting Materials in Organic Light-Emitting Diodes. Inorganic Chemistry, 2004, 43, 1697-1707.	1.9	40
204	Data Storage Studies on Nanowire Transistors with Self-Assembled Porphyrin Molecules. Journal of Physical Chemistry B, 2004, 108, 9646-9649.	1.2	105
205	Ultrahigh Energy Gap Hosts in Deep Blue Organic Electrophosphorescent Devices. Chemistry of Materials, 2004, 16, 4743-4747.	3.2	473
206	Platinum-Functionalized Random Copolymers for Use in Solution-Processible, Efficient, Near-White Organic Light-Emitting Diodes. Journal of the American Chemical Society, 2004, 126, 15388-15389.	6.6	277
207	Synthesis and Characterization of Facial and Meridional Tris-cyclometalated Iridium(III) Complexes. Journal of the American Chemical Society, 2003, 125, 7377-7387.	6.6	1,191
208	New charge-carrier blocking materials for high efficiency OLEDs. Organic Electronics, 2003, 4, 77-87.	1.4	335
209	Synthesis of Germanium Nanoclusters with Irreversibly Attached Functional Groups:â€‰ Acetals, Alcohols, Esters, and Polymers. Chemistry of Materials, 2003, 15, 1682-1689.	3.2	61
210	Phosphorescence Quenching by Conjugated Polymers. Journal of the American Chemical Society, 2003, 125, 7796-7797.	6.6	251
211	Simultaneous Light Emission from a Mixture of Dendrimer Encapsulated Chromophores:Â A Model for Single-Layer Multichromophoric Organic Light-Emitting Diodes. Journal of the American Chemical Society, 2003, 125, 13165-13172.	6.6	194
212	Cyclometalated Ir complexes in polymer organic light-emitting devices. Journal of Applied Physics, 2002, 92, 1570-1575.	1.1	174
213	High operational stability of electrophosphorescent devices. Applied Physics Letters, 2002, 81, 162-164.	1.5	251
214	High-performance polymer light-emitting diodes doped with a red phosphorescent iridium complex. Applied Physics Letters, 2002, 80, 2308-2310.	1.5	220
215	Vacuum Deposition of Thin Films of Pentaphenylcyclopentadienyl Radical and Their Electronic Properties. Chemistry of Materials, 2002, 14, 109-115.	3.2	6
216	Photocurrent Generation in Multilayer Organicâ"Inorganic Thin Films with Cascade Energy Architectures. Journal of the American Chemical Society, 2002, 124, 4796-4803.	6.6	85

#	Article	IF	Citations
217	Multicomponent Electrodes for Water Oxidation:Â From Combinatorial to Individual Electrode Study. Chemistry of Materials, 2002, 14, 3343-3348.	3.2	19
218	Imaging and Manipulation of Gold Nanorods with an Atomic Force Microscope. Journal of Physical Chemistry B, 2002, 106, 231-234.	1.2	81
219	Bis-cyclometalated Ir(III) Complexes as Efficient Singlet Oxygen Sensitizers. Journal of the American Chemical Society, 2002, 124, 14828-14829.	6.6	241
220	Synthesis and Characterization of Phosphorescent Cyclometalated Platinum Complexes. Inorganic Chemistry, 2002, 41, 3055-3066.	1.9	1,052
221	Thermally Stable Hole-Transporting Materials Based upon a Fluorene Core. Advanced Functional Materials, 2002, 12, 245.	7.8	113
222	High efficiency single dopant white electrophosphorescent light emitting diodesElectronic supplementary information (ESI) available: emission spectra as a function of doping concentration for 3 in CBP, as well as the absorption and emission spectra of Irppz, CBP and mCP. See http://www.rsc.org/suppdata/nj/b2/b204301g/. New Journal of Chemistry, 2002, 26, 1171-1178.	1.4	486
223	Effect of carbazoleâ€“oxadiazole excited-state complexes on the efficiency of dye-doped light-emitting diodes. Journal of Applied Physics, 2002, 91, 6717.	1.1	113
224	1,8-Naphthalimides in Phosphorescent Organic LEDs:Â The Interplay between Dopant, Exciplex, and Host Emission. Journal of the American Chemical Society, 2002, 124, 9945-9954.	6.6	248
225	Hydroxylated Quantum Dots as Luminescent Probes for in Situ Hybridization. Journal of the American Chemical Society, 2001, 123, 4103-4104.	6.6	659
226	High-efficiency red electrophosphorescence devices. Applied Physics Letters, 2001, 78, 1622-1624.	1.5	682
227	Endothermic energy transfer: A mechanism for generating very efficient high-energy phosphorescent emission in organic materials. Applied Physics Letters, 2001, 79, 2082-2084.	1.5	1,029
228	Nearly 100% internal phosphorescence efficiency in an organic light-emitting device. Journal of Applied Physics, 2001, 90, 5048-5051.	1.1	3,189
229	Higher efficiency conjugated polymer-based LEDs by control of polymer film morphology and interchain interactions. Synthetic Metals, 2001, 119, 523-524.	2.1	12
230	Highly Phosphorescent Bis-Cyclometalated Iridium Complexes:â€‰ Synthesis, Photophysical Characterization, and Use in Organic Light Emitting Diodes. Journal of the American Chemical Society, 2001, 123, 4304-4312.	6.6	2,639
231	Fabrication of Nanostructures by Hydroxylamine Seeding of Gold Nanoparticle Templates. Langmuir, 2001, 17, 1713-1718.	1.6	98
232	Direct observation of structural changes in organic light emitting devices during degradation. Journal of Applied Physics, 2001, 90, 3242-3247.	1.1	102
233	Cyclooctatetrene derivatives as electron transporters and hole blocker in organic LEDs. , 2001, , .		1
234	Molecularly doped polymer light emitting diodes utilizing phosphorescent Pt(II) and Ir(III) dopants. Organic Electronics, 2001, 2, 53-62.	1.4	162

#	Article	IF	Citations
235	Synthesis and Characterization of Phosphorescent Cyclometalated Iridium Complexes. Inorganic Chemistry, 2001, 40, 1704-1711.	1.9	1,191
236	High-efficiency organic electrophosphorescent devices. , 2001, 4105, 119.		4
237	High-efficiency yellow double-doped organic light-emitting devices based on phosphor-sensitized fluorescence. Applied Physics Letters, 2001, 79, 1045-1047.	1.5	199
238	Chromophore-labeled dendrimers for use in single-layer light-emitting diodes. Macromolecular Symposia, 2000, 154, 163-170.	0.4	7
239	Fluorophores Related to the Green Fluorescent Protein and Their Use in Optoelectronic Devices. Advanced Materials, 2000, 12, 1678-1681.	11.1	34
240	Highly efficient electrophosphorescent polymer light-emitting devices. Organic Electronics, 2000, 1, 15-20.	1.4	87
241	Direct Production of Hydrogen Peroxide with Palladium Supported on Phosphate Viologen Phosphonate Catalysts. Journal of Catalysis, 2000, 196, 366-374.	3.1	102
242	Improving the performance of conjugated polymer-based devices by control of interchain interactions and polymer film morphology. Applied Physics Letters, 2000, 76, 2454-2456.	1.5	181
243	High-efficiency organic electrophosphorescent devices with tris(2-phenylpyridine)iridium doped into electron-transporting materials. Applied Physics Letters, 2000, 77, 904-906.	1.5	1,023
244	Dendrimer-Containing Light-Emitting Diodes:Â Toward Site-Isolation of Chromophores. Journal of the American Chemical Society, 2000, 122, 12385-12386.	6.6	224
245	Statistical Copolymers with Side-Chain Hole and Electron Transport Groups for Single-Layer Electroluminescent Device Applications. Chemistry of Materials, 2000, 12, 2542-2549.	3.2	80
246	Synthesis of Octasubstituted Cyclooctatetraenes and Their Use as Electron Transporters in Organic Light Emitting Diodes. Journal of the American Chemical Society, 2000, 122, 7480-7486.	6.6	55
247	Synthesis and Applications of Palladium-Coated Poly(vinylpyridine) Nanospheres. Chemistry of Materials, 2000, 12, 1985-1989.	3.2	156
248	Electrical properties of K-doped superfulleride thin films. Journal of Applied Physics, 1999, 85, 3696-3700.	1.1	5
249	Colloidal Metal Deposition onto Functionalized Polystyrene Microspheres. Chemistry of Materials, 1999, 11, 2389-2399.	3.2	234
250	Electrophosphorescence in organic light emitting diodes. Current Opinion in Solid State and Materials Science, 1999, 4, 369-372.	5.6	82
251	Efficient, Saturated Red Organic Light Emitting Devices Based on Phosphorescent Platinum(II) Porphyrins. Chemistry of Materials, 1999, 11, 3709-3713.	3.2	303
252	Doped Organic Light-Emitting Diodes Based on Random Copolymers Containing Both Hole and Electron Transport Groups. Materials Research Society Symposia Proceedings, 1999, 558, 433.	0.1	5

#	Article	IF	Citations
253	Hole Transporting Materials with High Glass Transition Temperatures for Use in Organic Light-Emitting Devices. Advanced Materials, 1998, 10, 1108-1112.	11.1	262
254	From Molecules to Materials: Current Trends and Future Directions. Advanced Materials, 1998, 10, 1297-1336.	11.1	429
255	Platinum and palladium incorporation into phosphate/viologen-phosphonates of zirconium and hafnium: synthesis and characterization. Journal of Molecular Structure, 1998, 470, 191-205.	1.8	18
256	Asymmetric Triaryldiamines as Thermally Stable Hole Transporting Layers for Organic Light-Emitting Devices. Chemistry of Materials, 1998, 10, 2235-2250.	3.2	351
257	Ruthenium Catalyzed Synthesis of Cross-Conjugated Polymers and Related Hyperbranched Materials. Copoly(arylene/1,1-vinylene)s. Macromolecules, 1998, 31, 2784-2788.	2.2	50
258	Growth and characterization of potassium-doped superfulleride thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 2395-2399.	0.9	6
259	Small-molecule organic light-emitting devices in flat panel display applications. , 1998, 3279, 87.		4
260	Hole Transporting Materials with High Glass Transition Temperatures for Use in Organic Light-Emitting Devices. , 1998, 10, 1108.		1
261	From Molecules to Materials: Current Trends and Future Directions. , 1998, 10, 1297.		1
262	From Molecules to Materials: Current Trends and Future Directions. , 1998, 10, 1297.		9
263	<title>Color-tunable pixels and lasers using vacuum-deposited organic thin films</title>. , 1997, , .		4
264	<title>Organic light-emitting devices for ultralightweight color flat panel displays</title>. , 1997, , .		2
265	Three-Color, Tunable, Organic Light-Emitting Devices. Science, 1997, 276, 2009-2011.	6.0	571
266	Synthesis and study of zirconium viologen-phosphonate compounds on a polymer surfactant template and their use in photocatalytic production of hydrogen. Supramolecular Science, 1997, 4, 35-42.	0.7	5
267	Prospects and applications for organic light-emitting devices. Current Opinion in Solid State and Materials Science, 1997, 2, 236-243.	5.6	68
268	Orange and red organic light-emitting devices using aluminum tris(5-hydroxyquinoxaline). Synthetic Metals, 1997, 91, 217-221.	2.1	46
269	Growth and Characterization of Photoactive and Electroactive Zirconium Bisphosphonate Multilayer Films. Chemistry of Materials, 1996, 8, 1490-1499.	3.2	68
270	Crystal Structure of a Porous Zirconium Phosphate/Phosphonate Compound and Photocatalytic Hydrogen Production from Related Materials. Chemistry of Materials, 1996, 8, 2239-2246.	3.2	119

#	Article	IF	Citations
271	Molecular Engineering of Heterogeneous Catalysts: An Efficient Catalyst for the Production of Hydrogen Peroxide. Journal of Catalysis, 1996, 161, 62-67.	3.1	49
272	Second-order non-linear optical properties of Fe(SALEN) complexes. Polyhedron, 1996, 15, 2369-2376.	1.0	40
273	Photocurrent generation in metal bisphosphonate multilayer thin films. Nature, 1996, 380, 610-612.	13.7	59
274	Systematic Study of the Photoluminescent and Electroluminescent Properties of Pentacoordinate Carboxylate and Chloro Bis(8-hydroxyquinaldine) Complexes of Gallium(III). The Journal of Physical Chemistry, 1996, 100, 17766-17771.	2.9	41
275	Electroluminescent properties of self-assembled polymer thin films. Advanced Materials, 1995, 7, 395-398.	11.1	94
276	Hydrothermal Synthesis, Crystal Structure, and Magnetic Properties of Cs[(V2O3)(HPO4)2(H2O)], a Mixed-Valence Vanadium (IV, V) Hydrogen Phosphate with a One-Dimensional (-VIV-O-VV-O-) Chain of Corner-Sharing VO6 Octahedra. Journal of Solid State Chemistry, 1994, 109, 259-264.	1.4	22
277	Intercalation-Induced Reactions of Iron Oxychloride. Journal of Solid State Chemistry, 1994, 113, 261-271.	1.4	1
278	Structure of a Novel Layered Zirconium Diphosphonate Compound: Zr2(O3PCH2CH2-viologen-CH2CH2PO3)F6.cntdot.2H2O. Chemistry of Materials, 1994, 6, 1845-1849.	3.2	54
279	Synthesis and photochemical properties of porous zirconium viologen phosphonate compounds. Chemistry of Materials, 1994, 6, 77-81.	3.2	65
280	Use of Layered Metal Phosphonates for the Design and Construction of Molecular Materials. Chemistry of Materials, 1994, 6, 1168-1175.	3.2	260
281	Efficient photoinduced charge separation in layered zirconium viologen phosphonate compounds. [Erratum to document cited in CA120(2):18913f]. Journal of the American Chemical Society, 1994, 116, 3175-3175.	6.6	3
282	Synthesis and Study of Zirconium Viologen Phosphonate Thin Films Containing Colloidal Platinum. Journal of the American Chemical Society, 1994, 116, 765-766.	6.6	37
283	Efficient photoinduced charge separation in layered zirconium viologen phosphonate compounds. Journal of the American Chemical Society, 1993, 115, 11767-11774.	6.6	122
284	A solid-state deuterium NMR investigation of the structure of the ferrocenylethylamineÂ·zirconium hydrogen phosphate intercalation compound. Journal of the Chemical Society Chemical Communications, 1992, .	2.0	12
285	Structure and bonding in Group 4 metallocene acetylide and metallacyclopentadiene complexes. Organometallics, 1992, 11, 3691-3696.	1.1	15
286	Second-order non-linear optical properties of diironalkenylidyne complexes; crystal structure of {(Î·-C5H5)2Fe2(CO)2(Î¼-CO)(Î¼-(E)î—¸Cî—¸CHî—»CHî—¸C6H4î—¸(p)-NMe2)}+BF4â^'. Polyhedron, 1992, 11, 1429-1435.	1.0	41
287	Stable photoinduced charge separation in layered viologen compounds. Nature, 1992, 358, 656-658.	13.7	283
288	Synthesis and Study of Asymmetrically Layered Zirconium Phosphonates. ACS Symposium Series, 1992, , 166-177.	0.5	11

#	Article	IF	Citations
289	Intercalation of redox-active organometallic cubane clusters into layered metal oxides and related solids. Journal of the Chemical Society Chemical Communications, 1988, , 223.	2.0	13
290	The enhancement of intercalation reactions by ultrasound. Journal of the Chemical Society Chemical Communications, 1987, , 900.	2.0	56
291	Synthesis and structure of (cis)-[1-ferrocenyl-2-(4-nitrophenyl)ethylene], an organotransition metal compound with a large second-order optical nonlinearity. Nature, 1987, 330, 360-362.	13.7	413
292	Cyclometallated Organoiridium Complexes as Emitters in Electrophosphorescent Devices. , 0, , 131-161.		1
293	Dynamics of rotation in twoâ€coordinate thiazolyl copper(I) carbazolyl complexes. Applied Organometallic Chemistry, 0, , .	1.7	3