Yong-Jin Pu

List of Publications by Year
in descending order

141 papers	7,635 citations	71102 41 h-index	53230 85 g-index
149 all docs	149 docs citations	149 times ranked	7543 citing authors

#	Article	IF	Citations
1	Hydrothermal synthesis of water-soluble Mn- and Cu-doped CdSe quantum dots with multi-shell structures and their photoluminescence properties. RSC Advances, 2022, 12, 6255-6264.	3.6	8
2	Colloidal CdS Quantum Dot Fibers Prepared by Electrospinning of Their Wet Gel for Quantum Nanowires. ACS Applied Nano Materials, 2022, 5, 3756-3762.	5.0	1
3	Three-color white electroluminescence emission using perovskite quantum dots and organic emitters. Applied Surface Science, 2022, 588, 152875.	6.1	8
4	Simple cubic self-assembly of PbS quantum dots by finely controlled ligand removal through gel permeation chromatography. Chemical Science, 2021, 12, 10354-10361.	7.4	7
5	Achieving Green and Deep-Blue Perovskite LEDs by Dimensional Control Using Various Ammonium Bromides with CsPbBr-3. Materials Today Energy, 2021, , 100749.	4.7	9
6	Monodisperse Perovskite Colloidal Quantum Dots Enable High-Efficiency Photovoltaics. ACS Energy Letters, 2021, 6, 2229-2237.	17.4	26
7	Electron spin resonance resolves intermediate triplet states in delayed fluorescence. Nature Communications, 2021, 12, 4532.	12.8	38
8	Roles and Impacts of Ancillary Materials for Multiâ€Component Blend Organic Photovoltaics towards High Efficiency and Stability. ChemSusChem, 2021, 14, 3475-3487.	6.8	4
9	Energy Transfer from Blue-Emitting CsPbBr₃ Perovskite Nanocrystals to Green-Emitting CsPbBr₃ Perovskite Nanocrystals. Journal of Physical Chemistry C, 2021, 125, 19368-19373.	3.1	11
10	High-efficiency deep-blue emitter consisting of a chrysene core and optimized side groups. Materials Today Energy, 2021, 21, 100706.	4.7	6
11	Designs and understanding of small molecule-based non-fullerene acceptors for realizing commercially viable organic photovoltaics. Chemical Science, 2021, 12, 14004-14023.	7.4	22
12	Low Molecular Weight Materials: Electron Injection Materials. , 2021, , 1-8.		0
13	Kinetic prediction of reverse intersystem crossing in organic donorâ€"acceptor molecules. Nature Communications, 2020, 11, 3909.	12.8	75
14	Controlling the dimension of the quantum resonance in CdTe quantum dot superlattices fabricated via layer-by-layer assembly. Nature Communications, 2020, 11, 5471.	12.8	31
15	Improved Electroluminescence Performance of Perovskite Light-Emitting Diodes by a New Hole Transporting Polymer Based on the Benzocarbazole Moiety. ACS Applied Materials & Interfaces, 2020, 12, 51756-51765.	8.0	22
16	Selenium Substitution Enhances Reverse Intersystem Crossing in a Delayed Fluorescence Emitter. Journal of Physical Chemistry C, 2020, 124, 6364-6370.	3.1	22
17	Controllable 1D Patterned Assembly of Colloidal Quantum Dots on PbSO₄ Nanoribbons. Advanced Functional Materials, 2019, 29, 1905175.	14.9	3
18	Roomâ€Temperature Phosphorescence from a Series of 3â€Pyridylcarbazole Derivatives. Chemistry - A European Journal, 2019, 25, 16294-16300.	3.3	12

#	Article	IF	Citations
19	An Indolocarbazoleâ€Based Thermally Activated Delayed Fluorescence Host for Solutionâ€Processed Phosphorescent Tandem Organic Lightâ€Emitting Devices Exhibiting Extremely Small Efficiency Rollâ€Off. Advanced Functional Materials, 2019, 29, 1808022.	14.9	34
20	Absence of delayed fluorescence and tripletâ€“triplet annihilation in organic light emitting diodes with spatially orthogonal bianthracenes. Journal of Materials Chemistry C, 2019, 7, 2541-2547.	5.5	26
21	Solutionâ€Processed Tandem OLEDs: An Indolocarbazoleâ€Based Thermally Activated Delayed Fluorescence Host for Solutionâ€Processed Phosphorescent Tandem Organic Lightâ€Emitting Devices Exhibiting Extremely Small Efficiency Rollâ€Off (Adv. Funct. Mater. 16/2019). Advanced Functional Materials, 2019, 29, 1970102.	14.9	0
22	Patterned Assembly: Controllable 1D Patterned Assembly of Colloidal Quantum Dots on PbSO₄ Nanoribbons (Adv. Funct. Mater. 44/2019). Advanced Functional Materials, 2019, 29, 1970307.	14.9	0
23	Exciplex emissions derived from exceptionally long-distance donor and acceptor molecules. Chemical Science, 2019, 10, 9203-9208.	7.4	20
24	Post-Treatment-Free Solution-Processed Reduced Phosphomolybdic Acid Containing Molybdenum Oxide Units for Efficient Hole-Injection Layers in Organic Light-Emitting Devices. Inorganic Chemistry, 2018, 57, 1950-1957.	4.0	15
25	Organic Lightâ€Emitting Devices: Airâ€Stable and Highâ€Performance Solutionâ€Processed Organic Lightâ€Emitting Devices Based on Hydrophobic Polymeric Ionic Liquid Carrierâ€Injection Layers (Adv.) Tj ETQq1 1 0.784314 rgBT /Overl	21.0	2
26	Conjugated Polyelectrolyte Blend with Polyethyleneimine Ethoxylated for Thickness-Insensitive Electron Injection Layers in Organic Light-Emitting Devices. ACS Applied Materials & Interfaces, 2018, 10, 17318-17326.	8.0	27
27	Airâ€Stable and Highâ€Performance Solutionâ€Processed Organic Lightâ€Emitting Devices Based on Hydrophobic Polymeric Ionic Liquid Carrierâ€Injection Layers. Advanced Materials, 2018, 30, e1705915.	21.0	36
28	Size control of CH3NH3PbBr3 perovskite cuboid fine crystals synthesized by ligand-free reprecipitation method. Microsystem Technologies, 2018, 24, 619-623.	2.0	2
29	Anion-exchange red perovskite quantum dots with ammonium iodine salts for highly efficient light-emitting devices. Nature Photonics, 2018, 12, 681-687.	31.4	1,123
30	Operation behaviors of interconnecting-layers in solution-processed tandem organic light-emitting devices. Organic Electronics, 2018, 63, 98-103.	2.6	4
31	Two-Dimensional Ca₂Nb₃O₁₀ Perovskite Nanosheets for Electron Injection Layers in Organic Light-Emitting Devices. ACS Applied Materials & Interfaces, 2018, 10, 27885-27893.	8.0	15
32	White OLED (WOLED) and Charge Generation Layer (CGL). , 2018, , 1-22.		3
33	Neutron Reflectivity Study for Solution-processed Organic/Organic Interfacial Structures in Organic Light-emitting Devices. Hamon, 2018, 28, 183-186.	0.0	1
34	High-Efficiency Perovskite Quantum-Dot Light-Emitting Devices by Effective Washing Process and Interfacial Energy Level Alignment. ACS Applied Materials & Interfaces, 2017, 9, 18054-18060.	8.0	289
35	Controlling the excited-state energy levels of 9,9â€²-bifluorenylidene derivatives by twisting their structure to attaining singlet fission character in organic photovoltaics. Journal of Materials Chemistry C, 2017, 5, 4909-4914.	5.5	22
36	Addition of Lithium 8-Quinolate into Polyethylenimine Electron-Injection Layer in OLEDs: Not Only Reducing Driving Voltage but Also Improving Device Lifetime. ACS Applied Materials & Interfaces, 2017, 9, 18113-18119.	8.0	32

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37	Donor- or Acceptor-type 9,9â€²-Bifluorenylidene Derivatives for Attaining Singlet Fission Character in Organic Photovoltaics. Chemistry Letters, 2017, 46, 1126-1129.	1.3	7
38	57â€3: <i>Invited Paper</i>: Solutionâ€Processed Electron Transporting Layer and Interface Characterization in Organic Light Emitting Diodes. Digest of Technical Papers SID International Symposium, 2017, 48, 849-852.	0.3	2
39	Pâ€172: Solutionâ€Processed Polymer and Smallâ€Molecule Tandem OLEDs. Digest of Technical Papers SID International Symposium, 2017, 48, 1922-1924.	0.3	0
40	Dimethylsilyl-linked anthraceneâ€"pyrene dimers and their efficient tripletâ€"triplet annihilation in organic light emitting diodes. Journal of Materials Chemistry C, 2017, 5, 1090-1094.	5.5	32
41	A Series of Lithium Pyridyl Phenolate Complexes with a Pendant Pyridyl Group for Electron-Injection Layers in Organic Light-Emitting Devices. ACS Applied Materials & Interfaces, 2017, 9, 40541-40548.	8.0	8
42	Fluorescence via Reverse Intersystem Crossing from Higher Triplet States in a Bisanthracene Derivative. Scientific Reports, 2017, 7, 4820.	3.3	25
43	Influence of solution- and thermal-annealing processes on the sub-nanometer-ordered organicâ€"organic interface structure of organic light-emitting devices. Nanoscale, 2017, 9, 25-30.	5.6	29
44	Inhibition of solution-processed 1,4,5,8,9,11-hexaazatriphenylene-hexacarbonitrile crystallization by mixing additives for hole injection layers in organic light-emitting devices. Polymer Journal, 2017, 49, 149-154.	2.7	8
45	Surface-Modified Zinc Oxide Nanoparticles for Electron Injection Layers in Organic Light-Emitting Devices. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2017, 30, 483-488.	0.3	3
46	Singlet Fission of Nonâ€polycyclic Aromatic Molecules in Organic Photovoltaics. Advanced Materials, 2016, 28, 1585-1590.	21.0	64
47	Highâ€Performance Green OLEDs Using Thermally Activated Delayed Fluorescence with a Power Efficiency of over 100 lm W^{â^'1}. Advanced Materials, 2016, 28, 2638-2643.	21.0	225
48	A Solution-Processable Small-Molecule Host for Phosphorescent Organic Light-Emitting Devices. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2016, 29, 317-321.	0.3	3
49	Organic Photovoltaics: Singlet Fission of Non-polycyclic Aromatic Molecules in Organic Photovoltaics (Adv. Mater. 8/2016). Advanced Materials, 2016, 28, 1711-1711.	21.0	1
50	Organic Light-Emitting Devices with Tandem Structure. Topics in Current Chemistry, 2016, 374, 33.	5.8	17
51	Poly(pyridinium iodide ionic liquid)-based electron injection layers for solution-processed organic light-emitting devices. Journal of Materials Chemistry C, 2016, 4, 6713-6719.	5.5	17
52	A Solution-Processed Heteropoly Acid Containing MoO₃ Units as a Hole-Injection Material for Highly Stable Organic Light-Emitting Devices. ACS Applied Materials & Interfaces, 2016, 8, 20946-20954.	8.0	50
53	Organic Lightâ€Emitting Devices: Highâ€Performance Green OLEDs Using Thermally Activated Delayed Fluorescence with a Power Efficiency of over 100 lm W^{â^'1} (Adv. Mater. 13/2016). Advanced Materials, 2016, 28, 2651-2651.	21.0	1
54	Whiteâ€Light Sources: Solutionâ€Processed White Phosphorescent Tandem Organic Lightâ€Emitting Devices (Adv. Mater. 32/2015). Advanced Materials, 2015, 27, 4804-4804.	21.0	1

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55	Comparison of Spin and Blade Coating Methods in Solution-process for Organic Light-emitting Devices. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2015, 28, 343-347.	0.3	3
56	High efficiency solution processed OLEDs using a thermally activated delayed fluorescence emitter. Synthetic Metals, 2015, 202, 165-168.	3.9	54
57	Simultaneous Manipulation of Intramolecular and Intermolecular Hydrogen Bonds in nâ€Type Organic Semiconductor Layers: Realization of Horizontal Orientation in OLEDs. Advanced Optical Materials, 2015, 3, 769-773.	7.3	33
58	Single Benzene Green Fluorophore: Solidâ€State Emissive, Waterâ€Soluble, and Solventâ€• and pHâ€Independent Fluorescence with Large Stokes Shifts. Angewandte Chemie - International Edition, 2015, 54, 7332-7335.	13.8	155
59	Molecular Interdiffusion between Stacked Layers by Solution and Thermal Annealing Processes in Organic Light Emitting Devices. ACS Applied Materials & Interfaces, 2015, 7, 20779-20785.	8.0	37
60	Efficient Electron Injection by Size- and Shape-Controlled Zinc Oxide Nanoparticles in Organic Light-Emitting Devices. ACS Applied Materials & Interfaces, 2015, 7, 25373-25377.	8.0	29
61	Solutionâ€Processed White Phosphorescent Tandem Organic Lightâ€Emitting Devices. Advanced Materials, 2015, 27, 4681-4687.	21.0	135
62	Solution-Processed Organic Light-Emitting Devices. , 2015, , 195-219.		0
63	Solution-processable electron injection materials for organic light-emitting devices. Journal of Materials Chemistry C, 2015, 3, 11567-11576.	5.5	68
64	Fabrication of Organic Lightâ€Emitting Devices Comprising Stacked Lightâ€Emitting Units by Solutionâ€Based Processes. Advanced Materials, 2015, 27, 1327-1332.	21.0	90
65	Instant Lowâ€Temperature Crossâ€Linking of Poly(<i>N</i>â€vinylcarbazole) for Solutionâ€Processed Multilayer Blue Phosphorescent Organic Lightâ€Emitting Devices. Advanced Materials, 2014, 26, 7543-7546.	21.0	85
66	Solution-processed multilayer small-molecule light-emitting devices with high-efficiency white-light emission. Nature Communications, 2014, 5, 5756.	12.8	278
67	Organic Light-Emitting Devices: Instant Low-Temperature Cross-Linking of Poly(N-vinylcarbazole) for Solution-Processed Multilayer Blue Phosphorescent Organic Light-Emitting Devices (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlock 1	21.0	2
68	2,6â€Bis(arylsulfonyl)anilines as Fluorescent Scaffolds through Intramolecular Hydrogen Bonds: Solidâ€State Fluorescence Materials and Turnâ€Onâ€Type Probes Based on Aggregationâ€Induced Emission. ChemPlusChem, 2014, 79, 536-545.	2.8	30
69	A Donorâ€“Acceptor-type Host Material for Solution-processed Phosphorescent Organic Light-emitting Devices Showing High Efficiency. Chemistry Letters, 2014, 43, 1935-1936.	1.3	9
70	Precise Evaluation of Angstromâ€Ordered Mixed Interfaces in Solutionâ€Processed OLEDs by Neutron Reflectometry. Advanced Materials Interfaces, 2014, 1, 1400097.	3.7	18
71	A morphology control layer of a pyrene dimer enhances the efficiency in small molecule organic photovoltaic cells. Journal of Materials Chemistry C, 2014, 2, 501-509.	5.5	10
72	Bisanthraceneâ€Based Donorâ€“Acceptorâ€type Lightâ€Emitting Dopants: Highly Efficient Deepâ€Blue Emission in Organic Lightâ€Emitting Devices. Advanced Functional Materials, 2014, 24, 2064-2071.	14.9	278

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73	Lithium Phenolate Complexes with a Pyridineâ€Containing Polymer for Solutionâ€Processable Electron Injection Layers in PLEDs. Advanced Functional Materials, 2014, 24, 6038-6045.	14.9	15
74	Highâ€Performance Blue Phosphorescent OLEDs Using Energy Transfer from Exciplex. Advanced Materials, 2014, 26, 1612-1616.	21.0	224
75	Fabrication of Light Scattering Structure by Self-organization of a Polymer: Application to Light Out-coupling Enhancement in OLEDs. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2014, 27, 363-367.	0.3	1
76	Organic Light Emitting Devices: Precise Evaluation of Angstromâ€Ordered Mixed Interfaces in Solutionâ€Processed OLEDs by Neutron Reflectometry (Adv. Mater. Interfaces 9/2014). Advanced Materials Interfaces, 2014, 1, .	3.7	0
77	Orientation and Polarized Optical Emission Properties of Platinum(II) Complexes in Smectic Liquid Crystals. European Journal of Inorganic Chemistry, 2013, 2013, 2212-2219.	2.0	8
78	Thermally cross-linkable host materials for enabling solution-processed multilayer stacks in organic light-emitting devices. Organic Electronics, 2013, 14, 1614-1620.	2.6	54
79	Extremely Low Operating Voltage Green Phosphorescent Organic Lightâ€Emitting Devices. Advanced Functional Materials, 2013, 23, 5550-5555.	14.9	157
80	Excimer-emitting single molecules with stacked Ï€-conjugated groups covalently linked at the 1,8-positions of naphthalene for highly efficient blue and green OLEDs. Journal of Materials Chemistry C, 2013, 1, 3871.	5.5	55
81	Multilayered Organic Light-Emitting Devices by Solution-Process. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2013, 26, 403-410.	0.3	14
82	Isotope effect in the spin response of aluminum tris(8-hydroxyquinoline) based devices. Physical Review B, 2012, 85, .	3.2	52
83	Syntheses of Solution-Processable Arylamine Derivatives and Their Application to Organic Light Emitting Devices. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2012, 25, 335-339.	0.3	1
84	Solution-processable carbazole-based host materials for phosphorescent organic light-emitting devices. Organic Electronics, 2012, 13, 2235-2242.	2.6	37
85	Solution-processed organic light-emitting devices with two polymer light-emitting units connected in series by a charge-generation layer. Journal of Materials Chemistry, 2012, 22, 22769.	6.7	41
86	Synthesis, characterization, and polarized luminescence properties of platinum(ii) complexes having a rod-like ligand. Dalton Transactions, 2012, 41, 8379.	3.3	14
87	Solution-Processed Inorganicâ€"Organic Hybrid Electron Injection Layer for Polymer Light-Emitting Devices. ACS Applied Materials & Interfaces, 2012, 4, 6104-6108.	8.0	61
88	57.2:Invited Paper: White OLEDs for General Lighting. Digest of Technical Papers SID International Symposium, 2012, 43, 776-777.	0.3	0
89	Ultra high-efficiency multi-photon emission blue phosphorescent OLEDs with external quantum efficiency exceeding 40%. Organic Electronics, 2012, 13, 2615-2619.	2.6	66
90	Extremely high-efficiency multiphoton emission blue phosphorescent OLEDs with external quantum efficiency exceeding 40%. , 2012, , .		0

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91	A single-molecule excimer-emitting compound for highly efficient fluorescent organic light-emitting devices. Chemical Communications, 2012, 48, 8434.	4.1	53
92	3,3â€²â€Bicarbazoleâ€Based Host Materials for Highâ€Efficiency Blue Phosphorescent OLEDs with Extremely Low Driving Voltage. Advanced Materials, 2012, 24, 3212-3217.	21.0	194
93	High-efficiency simple planar heterojunction organic thin-film photovoltaics with horizontally oriented amorphous donors. Solar Energy Materials and Solar Cells, 2012, 98, 472-475.	6.2	57
94	Synthesis and properties of naphthobisbenzo[b]thiophenes: structural curvature of higher acene frameworks for solubility enhancement and high-order orientation in crystalline states. Tetrahedron Letters, 2012, 53, 1786-1789.	1.4	13
95	Optimizing the Charge Balance of Fluorescent Organic Lightâ€Emitting Devices to Achieve High External Quantum Efficiency Beyond the Conventional Upper Limit. Advanced Materials, 2012, 24, 1765-1770.	21.0	141
96	Surfaceâ€lightâ€emitting transistors based on verticalâ€type metalâ€base organic transistors. Journal of the Society for Information Display, 2011, 19, 602-607.	2.1	4
97	9,10-Bis(bipyridyl, pyridylphenyl, phenylpyridyl, and biphenyl)anthracenes Combining High Electron Transport and Injection, Efficiency and Stability in Fluorescent Organic Light-emitting Devices. Chemistry Letters, 2011, 40, 1092-1094.	1.3	8
98	fac-Tris(2-phenylpyridine)iridium (III)s, covalently surrounded by six bulky host dendrons, for a highly efficient solution-processed organic light emitting device. Organic Electronics, 2011, 12, 2103-2110.	2.6	24
99	Hole mobility measurement of 4,4â€²-Bis[N-(1-naphthyl)-N-phenylamino]-biphenyl by dark injection method. Chemical Physics Letters, 2011, 502, 118-120.	2.6	14
100	Influence of Substituted Pyridine Rings on Physical Properties and Electron Mobilities of 2-Methylpyrimidine Skeleton-Based Electron Transporters. Advanced Functional Materials, 2011, 21, 336-342.	14.9	139
101	High-efficiency red, green and blue phosphorescent homojunction organic light-emitting diodes based on bipolar host materials. Organic Electronics, 2011, 12, 843-850.	2.6	86
102	Ultra-high efficiency by multiple emission from stacked organic light-emitting devices. Organic Electronics, 2011, 12, 710-715.	2.6	143
103	Efficient Low-Driving-Voltage Blue Phosphorescent Homojunction Organic Light-Emitting Devices. Japanese Journal of Applied Physics, 2011, 50, 040204.	1.5	16
104	Dual efficiency enhancement by delayed fluorescence and dipole orientation in high-efficiency fluorescent organic light-emitting diodes. Applied Physics Letters, 2011, 99, .	3.3	89
105	Alkoxyphenyl Group-Containing Starburst Host Materials for Efficient Blue and Green Organic Light-Emitting Devices. IEICE Transactions on Electronics, 2011, E94-C, 1848-1850.	0.6	0
106	Electron-Transporting Materials Containing Pyridylphenyl groups and Their Application to Organic Light-Emitting Devices. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2010, 23, 333-336.	0.3	0
107	Highly Efficient Green Phosphorescent OLED Based on Pyridine-containing Starburst Electron-transporting Materials. Chemistry Letters, 2010, 39, 140-141.	1.3	24
108	Tuning Energy Levels of Electronâ€Transport Materials by Nitrogen Orientation for Electrophosphorescent Devices with an â€˜Idealâ€™ Operating Voltage. Advanced Materials, 2010, 22, 3311-3316.	21.0	166

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109	Bifluorene compounds containing carbazole and/or diphenylamine groups and their bipolar charge transport properties in organic light emitting devices. Organic Electronics, 2010, 11, 717-723.	2.6	12
110	Arylamino-9,10-diphenylanthracenes for organic light emitting devices. Organic Electronics, 2010, 11, 479-485.	2.6	25
111	Electron Injection and Transport Properties of Phenazine Compounds with Fused Rings. Japanese Journal of Applied Physics, 2010, 49, 01AB11.	1.5	6
112	LiF/Al Base Electrodes in Vertical Metal-Base Organic Transistors for Heat-Treatment-Free Process. Japanese Journal of Applied Physics, 2010, 49, 030202.	1.5	4
113	Mobility Improvement in N-Type Organic FET with Hetero-Layered Structure. Molecular Crystals and Liquid Crystals, 2009, 504, 124-132.	0.9	1
114	Dipyrenylpyridines for electron-transporting materials in organic light emitting devices and their structural effect on electron injection from LiF/Al cathode. Organic Electronics, 2009, 10, 877-882.	2.6	12
115	Lithium phenolate complexes for an electron injection layer in organic light-emitting diodes. Organic Electronics, 2009, 10, 228-232.	2.6	44
116	Synthesis, photoluminescence and electroluminescence properties of iridium complexes with bulky carbazole dendrons. Organic Electronics, 2009, 10, 465-472.	2.6	25
117	Current Enhancement in the Vertical-Type Metal-Base Organic Transistors. Molecular Crystals and Liquid Crystals, 2009, 504, 133-139.	0.9	2
118	m-Terphenyl-modified carbazole host material for highly efficient blue and green PHOLEDS. Chemical Communications, 2009, , 6655.	4.1	83
119	Highly Efficient Organic Light-emitting Devices based on a New Yellow Fluorescent Dopant. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2009, 22, 521-523.	0.3	0
120	Phenanthroline Derivatives for Electron-transport Layer in Organic Light-emitting Devices. Chemistry Letters, 2009, 38, 712-713.	1.3	13
121	Electronegative Oligothiophenes Based on Difluorodioxocyclopentene-Annelated Thiophenes:â€‰ Synthesis, Properties, and n-Type FET Performances. Organic Letters, 2008, 10, 833-836.	4.6	81
122	Wide-Energy-Gap Electron-Transport Materials Containing 3,5-Dipyridylphenyl Moieties for an Ultra High Efficiency Blue Organic Light-Emitting Device. Chemistry of Materials, 2008, 20, 5951-5953.	6.7	242
123	Solution-processable organic fluorescent dyes for multicolor emission in organic light emitting diodes. Journal of Materials Chemistry, 2008, 18, 4183.	6.7	67
124	2-Phenylpyrimidine skeleton-based electron-transport materials for extremely efficient green organic light-emitting devices. Chemical Communications, 2008, , 5821.	4.1	130
125	Red Phosphorescent Iridium Complexes having a Bulky Ancillary Ligand for Solution-processed Organic Light Emitting Diodes. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2008, 21, 323-325.	0.3	6
126	Electroluminescent Properties of a Solution Processable Carbazole-Substituted Iridium(III) Complex. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2007, 20, 73-75.	0.3	8

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127	Solution processable phosphorescent rhenium(i) dendrimers. Journal of Materials Chemistry, 2007, 17, 4255.	6.7	38
128	Cathode- and Anode-Active Poly(nitroxylstyrene)s for Rechargeable Batteries:Â p- and n-Type Redox Switching via Substituent Effects. Macromolecules, 2007, 40, 3167-3173.	4.8	148
129	Triarylamine-Bearing Poly(1,4-phenylenevinylene): Facile Preparation and Its Durable Aminium Polyradical. Polymer Journal, 2007, 39, 675-683.	2.7	8
130	Synthesis and electroluminescent property of poly(p-phenylenevinylene)s bearing triarylamine pendants. Polymer, 2005, 46, 3767-3775.	3.8	104
131	Organic radical battery: nitroxide polymers as a cathode-active material. Electrochimica Acta, 2004, 50, 827-831.	5.2	460
132	Triphenylamine- and oxadiazole-substituted poly(1,4-phenylenevinylene)s: synthesis, photo-, and electroluminescent properties. Synthetic Metals, 2004, 143, 207-214.	3.9	31
133	Electron-Transfer Kinetics of Nitroxide Radicals as an Electrode-Active Material. Bulletin of the Chemical Society of Japan, 2004, 77, 2203-2204.	3.2	171
134	Charge-Transporting Property of Polymer Films Doped with Organic Stable Radicals. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2003, 16, 297-298.	0.3	2
135	Electroluminescence of Poly(phenylenevinylene)s Containing Triphenylamine Moieties in the Main Chain. Japanese Journal of Applied Physics, 2002, 41, 362-365.	1.5	3
136	Electroluminescent Properties of a Triphenylamine-Containing Poly(phenylenevinylene).. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2002, 15, 259-260.	0.3	1
137	A Novel Triphenylamine-Substituted Poly(p-phenylenevinylene):Â Improved Photo- and Electroluminescent Properties. Chemistry of Materials, 2001, 13, 3817-3819.	6.7	84
138	Synthesis, magnetic, and optoelectronic properties of poly(triphenylamine-alt-phenylenevinylene)s. Journal of Polymer Science Part A, 2000, 38, 4119-4127.	2.3	14
139	Phenoxyl Radicals Ferromagnetically Attached to a Cyclic Ï€-Conjugation: 2,8,14-Trisoxyphenyltribenzotrisdehydro [12]Annulene. Molecular Crystals and Liquid Crystals, 1999, 334, 1-10.	0.3	6
140	Acyclic and Cyclic Di- and Tri(4-oxyphenyl-1,2-phenyleneethynylene)s:Â Their Synthesis and Ferromagnetic Spin Interaction. Journal of Organic Chemistry, 1999, 64, 7375-7380.	3.2	33
141	High-Spin Oxyphenylbenzo-Annelated Dehydro[12]annulene. Chemistry Letters, 1999, 28, 161-162.	1.3	9