

Progress and perspective of polymer white light-emitting

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A New Class of Semiconducting Polymers for Bulk Heterojunction Solar Cells with Exceptionally High Performance. <i>Accounts of Chemical Research</i> , 2010, 43, 1227-1236.	7.6	674
2	Hexathienoacene: Synthesis, Characterization, and Thin-Film Transistors. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1550-1554.	1.7	24
3	Robust and highly efficient blue light-emitting hosts based on indene-substituted anthracene. <i>Journal of Materials Chemistry</i> , 2010, 20, 3768.	6.7	64
4	High-Performance All-Polymer White-Light-Emitting Diodes Using Polyfluorene Containing Phosphonate Groups as an Efficient Electron-Injection Layer. <i>Advanced Functional Materials</i> , 2010, 20, 2951-2957.	7.8	87
7	Polymers for Organic Electronics. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 2460-2463.	1.1	10
8	Promising Optoelectronic Materials: Polymers Containing Phosphorescent Iridium(Ir^{III}) Complexes. <i>Macromolecular Rapid Communications</i> , 2010, 31, 794-807.	2.0	100
9	Recent progress and current challenges in phosphorescent white organic light-emitting diodes (WOLEDs). <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2010, 11, 133-156.	5.6	299
10	Realization of highly efficient white polymer light-emitting devices via interfacial energy transfer from poly(N-vinylcarbazole). <i>Organic Electronics</i> , 2010, 11, 529-534.	1.4	33
11	A polythiophene derivative with octyl diphenylamine-vinylene side chains: synthesis and its applications in field-effect transistors and solar cells. <i>Polymer Chemistry</i> , 2010, 1, 678.	1.9	18
12	High performance organic light-emitting diodes based on tetra(methoxy)-containing anthracene derivatives as a hole transport and electron-blocking layer. <i>Journal of Materials Chemistry</i> , 2010, 20, 8382.	6.7	19
13	Lyotropic Hexagonal Ordering in Aqueous Media by Conjugated Hairy-Rod Supramolecules. <i>Macromolecules</i> , 2010, 43, 7549-7555.	2.2	25
14	Synthesis and Photophysical Properties of 2-Donor-7-acceptor-9-silafluorenes: Remarkable Fluorescence Solvatochromism and Highly Efficient Fluorescence in Doped Polymer Films. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10004-10014.	1.5	66
15	Highly efficient white polymer light-emitting devices based on wide bandgap polymer doped with blue and yellow phosphorescent dyes. <i>Optics Letters</i> , 2010, 35, 2436.	1.7	14
16	Water/alcohol soluble conjugated polymers as highly efficient electron transporting/injection layer in optoelectronic devices. <i>Chemical Society Reviews</i> , 2010, 39, 2500.	18.7	431
17	High efficiency single-doped white phosphorescent light-emitting diodes. , 2010, , .		0
18	White Electroluminescence from a Single Fluorene-Based Copolymer. <i>Advanced Materials Research</i> , 0, 160-162, 732-736.	0.3	0
19	Metallophosphors of platinum with distinct main-group elements: a versatile approach towards color tuning and white-light emission with superior efficiency/color quality/brightness trade-offs. <i>Journal of Materials Chemistry</i> , 2010, 20, 7472.	6.7	210
20	Highly efficient solution-processed green and red electrophosphorescent devices enabled by small-molecule bipolar host material. <i>Journal of Materials Chemistry</i> , 2011, 21, 9326.	6.7	59

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21	Heteroleptic Ir(λ -irradiation) complexes containing both azolate chromophoric chelate and diphenylphosphinoaryl cyclometalates; Reactivities, electronic properties and applications. Dalton Transactions, 2011, 40, 1132-1143.	1.6	44
22	Conjugated rod-coil and rod-rod block copolymers for photovoltaic applications. Journal of Materials Chemistry, 2011, 21, 17039.	6.7	119
23	λ -Metallophosphor based on cationic iridium(III) complex for solid-state light-emitting electrochemical cells. Journal of Materials Chemistry, 2011, 21, 13999.	6.7	28
24	Exciplex Electroluminescence Induced by Cross-Linked Hole-Transporting Materials for White Light Polymer Light-Emitting Diodes. Macromolecules, 2011, 44, 5968-5976.	2.2	42
25	Suppression of HOMO-LUMO Transition in a Twist Form of Oligo(phenyleneethynylene) Clamped by a Right-Handed Helical Peptide. Journal of Physical Chemistry A, 2011, 115, 8960-8968.	1.1	12
26	Synthesis and photo- and electroluminescence properties of 3,6-disubstituted phenanthrenes: alternative host material for blue fluorophores. Chemical Communications, 2011, 47, 8865.	2.2	28
27	Materials and Devices toward Fully Solution Processable Organic Light-Emitting Diodes. Chemistry of Materials, 2011, 23, 326-340.	3.2	399
28	Red electroluminescent polyfluorenes containing highly efficient 2,1,3-benzoselenadiazole- and 2,1,3-naphthothiadiazole-based red dopants in the side chain. Journal of Materials Chemistry, 2011, 21, 15773.	6.7	15
29	2,7-Carbazole-1,4-phenylene Copolymers with Polar Side Chains for Cathode Modifications in Polymer Light-Emitting Diodes. Macromolecules, 2011, 44, 4204-4212.	2.2	45
30	Arylene bisimides with triarylamine N-substituents as new solution processable organic semiconductors: Synthesis, spectroscopic, electrochemical and electronic properties. Synthetic Metals, 2011, 161, 1600-1610.	2.1	20
31	Efficient three-color white light-emitting diodes from a single polymer with PFN/Al bilayer cathode. Synthetic Metals, 2011, 161, 1982-1986.	2.1	7
32	New Design Tactics in OLEDs Using Functionalized 2-Phenylpyridine-type Cyclometalates of Iridium(III) and Platinum(II). Chemistry - an Asian Journal, 2011, 6, 1706-1727.	1.7	353
33	Highly efficient pure white polymer light-emitting devices based on poly(N-vinylcarbazole) doped with blue and red phosphorescent dyes. Science China Chemistry, 2011, 54, 671-677.	4.2	8
34	The λ Phase Formation Limit in Two Poly(9,9-dialkyl-2,7-octylfluorene) based Copolymers. Macromolecular Rapid Communications, 2011, 32, 983-987.	2.0	12
35	A Series of Energy Transfer Copolymers Derived from Fluorene and 4,7-Dithienylbenzotriazole for High Efficiency Yellow, Orange, and White Light-Emitting Diodes. Advanced Functional Materials, 2011, 21, 3760-3769.	7.8	45
36	White Organic Light-Emitting Diodes with Evenly Separated Red, Green, and Blue Colors for Efficiency/Color Rendition Trade-Off Optimization. Advanced Functional Materials, 2011, 21, 3785-3793.	7.8	162
37	White Electroluminescence from Star-like Single Polymer Systems: 2,1,3-Benzothiadiazole Derivatives Dopant as Orange Cores and Polyfluorene Host as Six Blue Arms. Advanced Materials, 2011, 23, 2986-2990.	11.1	60
38	Simultaneous Optimization of Charge Carrier Balance and Luminous Efficacy in Highly Efficient White Polymer Light-Emitting Devices. Advanced Materials, 2011, 23, 2976-2980.	11.1	204

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39	Advanced Organic Optoelectronic Materials: Harnessing Excited-State Intramolecular Proton Transfer (ESIPT) Process. <i>Advanced Materials</i> , 2011, 23, 3615-3642.	11.1	992
40	Wide-Range Color Tuning of Iridium Biscarbene Complexes from Blue to Red by Different <i>N</i> -Ligands: an Alternative Route for Adjusting the Emission Colors. <i>Advanced Materials</i> , 2011, 23, 4933-4937.	11.1	201
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43	Iridium(III) Complexes of a Dicyclopentylated Phosphite Tripod Ligand: Strategy to Achieve Blue Phosphorescence Without Fluorine Substituents and Fabrication of OLEDs. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3182-3186.	7.2	128
44	Efficient multilayer electrophosphorescence white polymer light-emitting diodes with aluminum cathodes. <i>Organic Electronics</i> , 2011, 12, 154-160.	1.4	16
46	Spectrally stable deep blue-emitting polyfluorenes containing dibenzothiophene moiety. <i>Journal of Photonics for Energy</i> , 2012, 2, 021212.		
47	Efficient hybrid white polymer light-emitting devices with electroluminescence covered the entire visible range and reduced efficiency roll-off. <i>Applied Physics Letters</i> , 2012, 100, 063304.	1.5	19
48	Hybrid white organic light-emitting diodes with a double light-emitting layer structure for high color-rendering index. <i>Journal of Applied Physics</i> , 2012, 112, 084504.	1.1	42
49	Design, Synthesis and Photophysical Properties of Novel Tetrahedral Carbazole-Bridged Silanes with Benzimidazole Groups. <i>Applied Mechanics and Materials</i> , 2012, 268-270, 23-27.	0.2	0
50	Highly Efficient White Polymer Light-Emitting Diodes with a Conjugated Polyelectrolyte as Host Polymer. <i>Advanced Materials Research</i> , 2012, 516-517, 1881-1884.	0.3	0
51	White Light Emission and Second Harmonic Generation from Secondary Group Participation (SGP) in a Coordination Network. <i>Journal of the American Chemical Society</i> , 2012, 134, 1553-1559.	6.6	142
52	A butterfly-like yellow luminescent Ir(III) complex and its application in highly efficient polymer light-emitting devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 22496.	6.7	34
53	Polyfluorene-based semiconductors combined with various periodic table elements for organic electronics. <i>Progress in Polymer Science</i> , 2012, 37, 1192-1264.	11.8	280
54	A new benzo[1,2-b:4,5-b']difuran-based copolymer for efficient polymer solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 17724.	6.7	61
55	White polymer light-emitting diode materials with efficient electron injection backbone containing polyfluorene, oxadiazole and quinoxaline derivatives. <i>Synthetic Metals</i> , 2012, 162, 2294-2301.	2.1	9
56	Carbazole-based coplanar molecule (CmInF) as a universal host for multi-color electrophosphorescent devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 215-224.	6.7	111
57	White Electroluminescence from All-Phosphorescent Single Polymers on a Fluorinated Poly(arylene) Ether. <i>Journal of the American Chemical Society</i> , 2012, 134, 20290-20293.	6.6	140
58	Analytical model for current distribution in large-area organic light emitting diodes with parallel metal grid lines. <i>Journal of Applied Physics</i> , 2012, 112, 054507.	1.1	4

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59	Study of $\hat{\Gamma}^2$ phase and Chains Aggregation Degrees in Poly(9,9-dioctylfluorene) (PFO) Solution. Journal of Physical Chemistry C, 2012, 116, 7993-7999.	1.5	75
60	Development of a new diindenopyrazineâ€“benzotriazole copolymer for multifunctional application in organic field-effect transistors, polymer solar cells and light-emitting diodes. Organic Electronics, 2012, 13, 1671-1679.	1.4	21
61	Versatile control of the optical bandgap in heterobimetallic polymers through complexation of bithiazole-containing polyplatinynes with ReCl(CO) ₅ . Journal of Organometallic Chemistry, 2012, 703, 43-50.	0.8	16
62	Synthesis of Diimidazolylstilbenes as nâ€“type Blue Fluorophores: Alternative Dopant Materials for Highly Efficient Electroluminescent Devices. Advanced Materials, 2012, 24, 5867-5871.	11.1	110
63	Thiazole-based metallophosphors of iridium with balanced carrier injection/transporting features and their two-colour WOLEDs fabricated by both vacuum deposition and solution processing-vacuum deposition hybrid strategy. Journal of Materials Chemistry, 2012, 22, 7136.	6.7	64
64	Ratiometric optical oxygen sensing: a review in respect of material design. Analyst, The, 2012, 137, 4885.	1.7	198
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66	Simple Phenanthroimidazole/Carbazole Hybrid Bipolar Host Materials for Highly Efficient Green and Yellow Phosphorescent Organic Light-Emitting Diodes. Journal of Physical Chemistry C, 2012, 116, 19458-19466.	1.5	124
67	High-efficiency conjugated-polymer-hosted blue phosphorescent light-emitting diodes. Science Bulletin, 2012, 57, 3639-3643.	1.7	7
68	Efficient phosphorescent polymer light-emitting diodes by suppressing triplet energy back transfer. Chemical Society Reviews, 2012, 41, 4797.	18.7	113
69	Synthesis of Oligo(thiophene)-Coated Star-Shaped ROMP Polymers: Unique Emission Properties by the Precise Integration of Functionality. Journal of the American Chemical Society, 2012, 134, 7892-7895.	6.6	45
70	Stable and good color purity white lightâ€“emitting devices based on random fluorene/spirofluorene copolymers doped with iridium complex. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 180-188.	2.4	10
71	White electroluminescent singleâ€“polymer achieved by incorporating three polyfluorene blue arms into a starâ€“shaped orange core. Journal of Polymer Science Part A, 2012, 50, 2854-2862.	2.5	33
72	Tunable Fluorescent/Phosphorescent Platinum(II) Porphyrinâ€“Fluorene Copolymers for Ratiometric Dual Emissive Oxygen Sensing. Inorganic Chemistry, 2012, 51, 5208-5212.	1.9	102
73	Tuning the energy levels and photophysical properties of triphenylamine-featured iridium(iii) complexes: application in high performance polymer light-emitting diodes. Journal of Materials Chemistry, 2012, 22, 11128.	6.7	31
74	Simple Tuning of the Optoelectronic Properties of Ir ^{III} and Pt ^{II} Electrophosphors Based on Linkage Isomer Formation with a Naphthylthiazolyl Moiety. European Journal of Inorganic Chemistry, 2012, 2012, 2278-2288.	1.0	28
75	Alkali metal salts doped pluronic block polymers as electron injection/transport layers for high performance polymer light-emitting diodes. Science China Chemistry, 2012, 55, 766-771.	4.2	9
76	Highly Efficient and Fully Solutionâ€“Processed White Electroluminescence Based on Fluorescent Small Molecules and a Polar Conjugated Polymer as the Electronâ€“injection Material. Advanced Functional Materials, 2012, 22, 1092-1097.	7.8	39

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77	High-Efficiency Single Emissive Layer White Organic Light-Emitting Diodes Based on Solution-Processed Dendritic Host and New Orange-Emitting Iridium Complex. <i>Advanced Materials</i> , 2012, 24, 1873-1877.	11.1	345
78	Photoluminescence of Alq ₃ and Tb-activated aluminium-tris(8-hydroxyquinoline) complex for blue chip-excited OLEDs. <i>Luminescence</i> , 2013, 28, 63-68.	1.5	19
79	A new method to make polymers with flexible main chains and photoelectric pendants for organic semiconductors. <i>Polymer Chemistry</i> , 2013, 4, 4245.	1.9	5
80	Nanostructured Inorganic-Organic Hybrid Semiconductor Materials. , 2013, , 375-415.		2
81	Red, Green, and Blue Light-Emitting Polyfluorenes Containing a Dibenzothiophene-S,S-Dioxide Unit and Efficient High-Color-Rendering-Index White-Light-Emitting Diodes Made Therefrom. <i>Advanced Functional Materials</i> , 2013, 23, 4366-4376.	7.8	121
82	Binary solvent mixture-induced crystallization enhancement for a white emissive polyfluorene copolymer toward improving its electroluminescence. <i>Polymer</i> , 2013, 54, 6236-6241.	1.8	10
83	An orange iridium(III) complex with wide-bandwidth in electroluminescence for fabrication of high-quality white organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7371.	2.7	52
84	Mixed bipolar fluorescent small molecules for solution processable white light-emitting devices with excellent efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7175.	2.7	5
85	High-Efficiency Small-Molecule-Based Organic Light Emitting Devices with Solution Processes and Oxadiazole-Based Electron Transport Materials. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10614-10622.	4.0	24
86	Realizing Molecular Pixel System for Full-Color Fluorescence Reproduction: RGB-Emitting Molecular Mixture Free from Energy Transfer Crosstalk. <i>Journal of the American Chemical Society</i> , 2013, 135, 11239-11246.	6.6	165
87	Precise Synthesis of Poly(fluorene vinylene)s Capped with Chromophores: Efficient Fluorescent Polymers Modified by Conjugation Length and End-Groups. <i>ACS Macro Letters</i> , 2013, 2, 980-984.	2.3	30
88	Constructing Low-Triplet-Energy Hosts for Highly Efficient Blue PHOLEDs: Controlling Charge and Exciton Capture in Doping Systems. <i>Chemistry of Materials</i> , 2013, 25, 4966-4976.	3.2	46
89	Tetrahedral silicon-based luminescent molecules: Synthesis and comparison of thermal and photophysical properties by various effect factors. <i>Journal of Organometallic Chemistry</i> , 2013, 735, 58-64.	0.8	11
90	Interfacial triplet confinement for achieving efficient solution-processed deep-blue and white electrophosphorescent devices with underestimated poly(N-vinylcarbazole) as the host. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4933.	2.7	32
91	Enhancement of external quantum efficiency through steric hindrance of phenazine derivative for white polymer light-emitting diode materials. <i>Synthetic Metals</i> , 2013, 181, 98-103.	2.1	7
92	Iridium(III) complexes with enhanced film amorphism as guests for efficient orange solution-processed single-layer PhOLEDs with low efficiency roll-off. <i>Dalton Transactions</i> , 2013, 42, 10559.	1.6	21
93	Bright far-red/near-infrared fluorescent conjugated polymer nanoparticles for targeted imaging of HER2-positive cancer cells. <i>Polymer Chemistry</i> , 2013, 4, 4326.	1.9	54
94	White light emission from InGaN/organic molecule light-emitting diode. , 2013, , .		0

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95	Roll-to-roll fabrication of large area functional organic materials. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 16-34.	2.4	890
96	Dithieno[3,2- <i>c</i> : <i>e</i>]-2,7-diketophosphepin: A Unique Building Block for Multifunctional π -Conjugated Materials. <i>Journal of the American Chemical Society</i> , 2013, 135, 1137-1147.	6.6	77
97	Highly Fluorescent Semiconducting Polymer Dots for Biology and Medicine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3086-3109.	7.2	954
98	Novel cyclometalated platinum (II) complex containing carrier-transporting groups: Synthesis, luminescence and application in single dopant white PLEDs. <i>Dyes and Pigments</i> , 2013, 96, 732-737.	2.0	19
99	Highly ordered structural organization of organic semiconductor monolayers on HOPG and Au(111) – STM studies of alkylphenyl N-substituted perylene diimide at liquid–solid interface. <i>Surface Science</i> , 2013, 607, 61-67.	0.8	8
100	Solution processed phosphorescent white organic light emitting diodes using a small molecule host material. <i>Journal of Luminescence</i> , 2013, 143, 432-435.	1.5	1
101	Highly efficient red phosphorescent organic light-emitting diodes based on solution processed emissive layer. <i>Journal of Luminescence</i> , 2013, 142, 35-39.	1.5	22
102	Highly efficient blue and all-phosphorescent white polymer light-emitting devices based on polyfluorene host. <i>Organic Electronics</i> , 2013, 14, 1909-1915.	1.4	20
103	Morphology-dependent electroluminescence in poly(N-vinyl carbazole)-based multi-component single emissive layer polymer light-emitting diodes. <i>Organic Electronics</i> , 2013, 14, 55-61.	1.4	24
104	A red-emissive aminobenzopyrano-xanthene dye: elucidation of fluorescence emission mechanisms in solution and in the aggregate state. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2131.	1.3	36
105	Highly efficient green phosphorescent OLEDs based on a novel iridium complex. <i>Journal of Materials Chemistry C</i> , 2013, 1, 560-565.	2.7	86
107	Halochromic generation of white light emission using a single dithienophosphole luminophore. <i>Chemical Communications</i> , 2013, 49, 4899.	2.2	64
108	Synthesis and device application of hybrid host materials of carbazole and benzofuran for high efficiency solution processed blue phosphorescent organic light-emitting diodes. <i>Organic Electronics</i> , 2013, 14, 1009-1014.	1.4	33
109	Spin–Orbit Coupling Analyses of the Geometrical Effects on Phosphorescence in Ir(ppy) ₃ and Its Derivatives. <i>Journal of Physical Chemistry C</i> , 2013, 117, 5314-5327.	1.5	21
110	Low Current Density Driving Leads to Efficient, Bright and Stable Green Electroluminescence. <i>Advanced Energy Materials</i> , 2013, 3, 1338-1343.	10.2	47
112	Fluorene/tridurylborane hybrids as solution-processible hosts for phosphorescent organic light-emitting diodes. <i>Dyes and Pigments</i> , 2013, 97, 155-161.	2.0	6
113	Highly Efficient Solution-Processable Organic Light-Emitting Devices with Pincer-Type Cyclometalated Platinum(II) Arylacetylde Complexes. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1754-1759.	1.7	18
114	Versatile phosphorescent color tuning of highly efficient borylated iridium(III) cyclometalates by manipulating the electron-accepting capacity of the dimesitylboron group. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3317.	2.7	70

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115	Dicyano-Substituted Poly(phenylenevinylene) (DiCNâ€“PPV) and the Effect of Cyano Substitution on Photochemical Stability. <i>Macromolecules</i> , 2013, 46, 4247-4254.	2.2	11
116	Efficient white emitting copolymers based on bipolar fluorene-co-dibenzothiophene-S,S-dioxide-co-carbazole backbone. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013, 31, 88-97.	2.0	21
117	Facile electrochemical synthesis of a conducting copolymer from 5-aminoindole and EDOT and its use as Pt catalyst support for formic acid electrooxidation. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 751-760.	1.2	15
118	Recent Progress in Polymer White Lightâ€“Emitting Materials and Devices. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 314-342.	1.1	84
119	Solutionâ€“Processible Carbazole Dendrimers as Host Materials for Highly Efficient Phosphorescent Organic Lightâ€“Emitting Diodes. <i>Advanced Functional Materials</i> , 2013, 23, 619-628.	7.8	126
120	Hybrid GaN/Organic white light emitters with aggregation induced emission organic molecule. <i>Optical Materials Express</i> , 2013, 3, 1906.	1.6	21
121	High efficient white organic light-emitting diodes with single emissive layer using phosphorescent red, green, and blue dopants. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	12
122	Luminescence Colorâ€“Tuning through Polymorph Doping: Preparation of a Whiteâ€“Emitting Solid from a Single Gold(I)â€“Isocyanide Complex by Simple Precipitation. <i>Chemistry - A European Journal</i> , 2013, 19, 16214-16220.	1.7	33
123	Highâ€“Efficiency Polymer Lightâ€“Emitting Devices with Robust Phosphorescent Platinum(II) Emitters Containing Tetradentate Dianionic O^{âˆ“2}N^{âˆ“2}C^{âˆ“2}N Ligands. <i>Advanced Materials</i> , 2013, 25, 6765-6770.	11.1	107
124	Recent Progresses of Iridium Complex-Containing Macromolecules for Solution-Processed Organic Light-Emitting Diodes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 905-926.	1.9	19
125	Deep-Red Phosphorescent Iridium(III) Complexes Containing 1-(Benzo[b] Thiophen-2-yl) Isoquinoline Ligand: Synthesis, Photophysical and Electrochemical Properties and DFT Calculations. <i>Journal of Fluorescence</i> , 2014, 24, 1545-1552.	1.3	27
126	Organic Host Materials for Solutionâ€“Processed Phosphorescent Organic Lightâ€“Emitting Diodes. <i>Israel Journal of Chemistry</i> , 2014, 54, 867-884.	1.0	12
127	Colour-tunable fluorescent multiblock micelles. <i>Nature Communications</i> , 2014, 5, 3372.	5.8	243
128	White polymer light emitting diode materials introducing dendritic quinoxaline derivative: Synthesis, optical and electroluminescent properties. <i>Synthetic Metals</i> , 2014, 190, 1-7.	2.1	10
129	High efficiency solution processed inverted white organic light emitting diodes with a cross-linkable amino-functionalized polyfluorene as a cathode interlayer. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3270-3277.	2.7	41
130	Recent progress in metalâ€“organic complexes for optoelectronic applications. <i>Chemical Society Reviews</i> , 2014, 43, 3259-3302.	18.7	996
131	White Polymer Lightâ€“Emitting Devices for Solidâ€“State Lighting: Materials, Devices, and Recent Progress. <i>Advanced Materials</i> , 2014, 26, 2459-2473.	11.1	464
132	Whiteâ€“Lightâ€“Emitting Supramolecular Gels. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 365-368.	7.2	223

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133	Color Tunable Organic Light-Emitting Devices with External Quantum Efficiency over 20% Based on Strongly Luminescent Gold(III) Complexes having Long-Lived Emissive Excited States. <i>Advanced Materials</i> , 2014, 26, 2540-2546.	11.1	145
134	Improved electroluminescence efficiency of polyfluorenes by simultaneously incorporating dibenzothiophene-S,S-dioxide unit in main chain and oxadiazole moiety in side chain. <i>Polymer</i> , 2014, 55, 1698-1706.	1.8	22
135	High-Performance Hybrid White Organic Light-Emitting Devices without Interlayer between Fluorescent and Phosphorescent Emissive Regions. <i>Advanced Materials</i> , 2014, 26, 1617-1621.	11.1	231
136	Hydrogen-Bonded Supramolecular Conjugated Polymer Nanoparticles for White Light-Emitting Devices. <i>Macromolecular Rapid Communications</i> , 2014, 35, 895-900.	2.0	37
137	Recent Advances in Solution-Processed White Organic Light-Emitting Materials and Devices. <i>Israel Journal of Chemistry</i> , 2014, 54, 897-917.	1.0	18
138	Novel heteroleptic iridium(III) complexes with a 2-(1H-pyrazol-5-yl)pyridine derivative containing a carbazole group as ancillary ligand: Synthesis and application for polymer light-emitting diodes. <i>Synthetic Metals</i> , 2014, 187, 209-216.	2.1	12
139	Syntheses, photoluminescence and electroluminescence of four heteroleptic iridium complexes with 2-(5-phenyl-1,3,4-oxadiazol-2-yl)-phenol derivatives as ancillary ligands. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1116-1124.	2.7	35
140	Self-host homoleptic green iridium dendrimers based on diphenylamine dendrons for highly efficient single-layer PhOLEDs. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1104-1115.	2.7	40
141	Recent design tactics for high performance white polymer light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1760.	2.7	247
142	A systematic identification of efficiency enrichment between thiazole and benzothiazole based yellow iridium(III) complexes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9398-9405.	2.7	22
143	Conjugated Polymer Dots for Ultra-Stable Full-Color Fluorescence Patterning. <i>Small</i> , 2014, 10, 4270-4275.	5.2	78
144	White organic light-emitting diodes based on a single-emissive layer using electrophosphorescent dopants in a fluorescent host. <i>Journal of Information Display</i> , 2014, 15, 119-126.	2.1	3
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146	Multifunctional materials for OFETs, LEFETs and NIR PLEDs. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5133-5141.	2.7	38
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280	Tuning the solid-state emission of small push-pull dipolar dyes to the far-red through variation of the electron-acceptor group. <i>Dyes and Pigments</i> , 2018, 156, 116-132.	2.0	57
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282	Polyazomethines based on oxadiazolyl or 1,2,4-triazolyl groups: synthesis and hole-buffering application in polymer light-emitting diodes. <i>Polymer Chemistry</i> , 2018, 9, 5442-5451.	1.9	5
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286	Small push-pull diacetylenes as emergent fluorophores. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
287	Full-Color Tunable Fluorescent and Chemiluminescent Supramolecular Nanoparticles for Anti-counterfeiting Inks. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39214-39221.	4.0	137
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292	Cd(<i>ii</i>) nucleobase supramolecular metallo-hydrogels for <i>in situ</i> growth of color tunable CdS quantum dots. <i>Soft Matter</i> , 2018, 14, 5715-5720.	1.2	14
293	High Efficiency Blue Dual Emissive Exciplex Boosts Full Radiative White Electroluminescence. <i>Advanced Optical Materials</i> , 2018, 6, 1800437.	3.6	53
294	Highly efficient deep-red emitting methyl substituted thiophenylquinoline based Ir(III) complexes for solution-processed organic light-emitting diodes. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 660, 1-9.	0.4	4
295	Low-Bandgap Conjugated Polymer Dots for Near-Infrared Fluorescence Imaging. <i>ACS Applied Nano Materials</i> , 2018, 1, 4801-4808.	2.4	19
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302	Bis(N,N ² -substituted oxamate) Zincate(II) complexes: Synthesis, spectroscopy, solid state structure and DFT calculations. <i>Inorganica Chimica Acta</i> , 2019, 487, 409-418.	1.2	6
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