

Hany Aziz

List of Publications by Year in descending order

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papers

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times ranked

4735
citing authors

#	ARTICLE	IF	CITATIONS
1	Record High Electron Mobility of 6.3 cm ² /V·s Achieved for Polymer Semiconductors Using a New Building Block. <i>Advanced Materials</i> , 2014, 26, 2636-2642.	21.0	382
2	Degradation Phenomena in Small-Molecule Organic Light-Emitting Devices. <i>Chemistry of Materials</i> , 2004, 16, 4522-4532.	6.7	287
3	Humidity-induced crystallization of tris (8-hydroxyquinoline) aluminum layers in organic light-emitting devices. <i>Applied Physics Letters</i> , 1998, 72, 756-758.	3.3	217
4	Syntheses, Structures, and Electroluminescence of New Blue/Green Luminescent Chelate Compounds: Zn(2-py-in)2(THF), BPh2(2-py-in), Be(2-py-in)2, and BPh2(2-py-aza) [2-py-in = 2-(2-pyridyl)indole; 2-py-aza = 2-(2-pyridyl)-7-azaindole]. <i>Journal of the American Chemical Society</i> , 2000, 122, 3671-3678.	13.7	203
5	Correlation Between Triplet-Triplet Annihilation and Electroluminescence Efficiency in Doped Fluorescent Organic Light-Emitting Devices. <i>Advanced Functional Materials</i> , 2010, 20, 1285-1293.	14.9	201
6	Degradation processes at the cathode/organic interface in organic light emitting devices with Mg:Ag cathodes. <i>Applied Physics Letters</i> , 1998, 72, 2642-2644.	3.3	181
7	Causes of efficiency roll-off in phosphorescent organic light emitting devices: Triplet-triplet annihilation versus triplet-polaron quenching. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	177
8	Investigation of the sites of dark spots in organic light-emitting devices. <i>Applied Physics Letters</i> , 2000, 77, 2650-2652.	3.3	150
9	Study of organic light emitting devices with a 5,6,11,12-tetraphenylanthracene (rubrene)-doped hole transport layer. <i>Applied Physics Letters</i> , 2002, 80, 2180-2182.	3.3	124
10	Degradation of Organic/Organic Interfaces in Organic Light-Emitting Devices due to Polaron-Exciton Interactions. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 8733-8739.	8.0	112
11	Organic light emitting devices with enhanced operational stability at elevated temperatures. <i>Applied Physics Letters</i> , 2002, 81, 370-372.	3.3	111
12	Exciton-Polaron-Induced Aggregation of Wide-Bandgap Materials and its Implication on the Electroluminescence Stability of Phosphorescent Organic Light-Emitting Devices. <i>Advanced Functional Materials</i> , 2014, 24, 2975-2985.	14.9	92
13	A conjugated polyazine containing diketopyrrolopyrrole for ambipolar organic thin film transistors. <i>Chemical Communications</i> , 2012, 48, 8413.	4.1	90
14	Simultaneous electroluminescence and photoluminescence aging studies of tris(8-hydroxyquinoline) aluminum-based organic light-emitting devices. <i>Journal of Applied Physics</i> , 2001, 89, 4673-4675.	2.5	81
15	The Photo-Stability of Polymer Solar Cells: Contact Photo-Degradation and the Benefits of Interfacial Layers. <i>Advanced Functional Materials</i> , 2013, 23, 2239-2247.	14.9	80
16	Delayed electroluminescence in small-molecule-based organic light-emitting diodes: Evidence for triplet-triplet annihilation and recombination-center-mediated light-generation mechanism. <i>Journal of Applied Physics</i> , 2005, 98, 013510.	2.5	75
17	Multifunctional Dithiadiazolyl Radicals: Fluorescence, Electroluminescence, and Photoconducting Behavior in Pyren-1-yl-dithiadiazolyl. <i>Journal of the American Chemical Society</i> , 2018, 140, 6260-6270.	13.7	75
18	Temperature dependence of operational stability of organic light emitting diodes based on mixed emitter layers. <i>Synthetic Metals</i> , 2004, 143, 69-73.	3.9	71

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19	Integration of Organic Light Emitting Diodes and Organic Photodetectors for Lab-on-a-Chip Bio-Detection Systems. <i>Electronics (Switzerland)</i> , 2014, 3, 43-75.	3.1	68
20	A pyridine-flanked diketopyrrolopyrrole (DPP)-based donor-acceptor polymer showing high mobility in ambipolar and n-channel organic thin film transistors. <i>Polymer Chemistry</i> , 2015, 6, 938-945.	3.9	67
21	Time-resolved fluorescence studies of degradation in tris(8-hydroxyquinoline) aluminum (AlQ3)-based organic light emitting devices (OLEDs). <i>Synthetic Metals</i> , 2001, 123, 179-181.	3.9	58
22	Electron-Induced Quenching of Excitons in Luminescent Materials. <i>Chemistry of Materials</i> , 2007, 19, 2288-2291.	6.7	58
23	Transparent organic light-emitting devices using a MoO3/Ag/MoO3 cathode. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	55
24	Host to Guest Energy Transfer Mechanism in Phosphorescent and Fluorescent Organic Light-Emitting Devices Utilizing Exciplex-Forming Hosts. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24006-24012.	3.1	55
25	Syntheses, Structures, and Luminescence/Electroluminescence of BPh2(mqp), Al(CH3)(mqp)2, and Al(mqp)3 (mqp = 2-(4-Methylquinolinyl)-2-phenolato). <i>Organometallics</i> , 2000, 19, 5709-5714.	2.3	54
26	High electron mobility triazine for lower driving voltage and higher efficiency organic light emitting devices. <i>Organic Electronics</i> , 2008, 9, 285-290.	2.6	53
27	Influence of side chain length and bifurcation point on the crystalline structure and charge transport of diketopyrrolopyrrole-quaterthiophene copolymers (PDQTs). <i>Journal of Materials Chemistry C</i> , 2014, 2, 2183-2190.	5.5	51
28	Electroplex as a New Concept of Universal Host for Improved Efficiency and Lifetime in Red, Yellow, Green, and Blue Phosphorescent Organic Light-Emitting Diodes. <i>Advanced Science</i> , 2018, 5, 1700608.	11.2	51
29	Diketopyrrolopyrrole-based semiconducting polymer bearing thermocleavable side chains. <i>Journal of Materials Chemistry</i> , 2012, 22, 18950.	6.7	50
30	Polyethylenimine (PEI) As an Effective Dopant To Conveniently Convert Ambipolar and p-Type Polymers into Unipolar n-Type Polymers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18662-18671.	8.0	49
31	Reduced reflectance cathode for organic light-emitting devices using metalorganic mixtures. <i>Applied Physics Letters</i> , 2003, 83, 186-188.	3.3	48
32	Exciton-Induced Degradation of Carbazole-Based Host Materials and Its Role in the Electroluminescence Spectral Changes in Phosphorescent Organic Light Emitting Devices with Electrical Aging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14145-14152.	8.0	45
33	Exciton-Polaron-Induced Aggregation of Organic Electroluminescent Materials: A Major Degradation Mechanism in Wide-Bandgap Phosphorescent and Fluorescent Organic Light-Emitting Devices. <i>Advanced Optical Materials</i> , 2015, 3, 967-975.	7.3	44
34	Guiding the Selection of Processing Additives for Increasing the Efficiency of Bulk Heterojunction Polymeric Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1300752.	19.5	43
35	Modification of Exciton Lifetime by the Metal Cathode in Phosphorescent OLEDs, and Implications on Device Efficiency and Efficiency Roll-off Behavior. <i>Advanced Functional Materials</i> , 2011, 21, 2311-2317.	14.9	42
36	Similar Roles of Electrons and Holes in Luminescence Degradation of Organic Light-Emitting Devices. <i>Chemistry of Materials</i> , 2007, 19, 2079-2083.	6.7	40

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37	Influence of the Guest on Aggregation of the Host by Exciton-Polaron Interactions and Its Effects on the Stability of Phosphorescent Organic Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14088-14095.	8.0	40
38	Triplet-polaron quenching by charges on guest molecules in phosphorescent organic light emitting devices. <i>Applied Physics Letters</i> , 2012, 101, 063502.	3.3	39
39	Degradation Mechanisms in Organic Light-Emitting Diodes with Polyethylenimine as a Solution-Processed Electron Injection Layer. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2776-2785.	8.0	39
40	Perspective: Toward highly stable electroluminescent quantum dot light-emitting devices in the visible range. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	37
41	Temperature dependence of electroluminescence degradation in organic light emitting devices without and with a copper phthalocyanine buffer layer. <i>Organic Electronics</i> , 2002, 3, 9-13.	2.6	36
42	Increased Electromer Formation and Charge Trapping in Solution-Processed versus Vacuum-Deposited Small Molecule Host Materials of Organic Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40564-40572.	8.0	34
43	Recent Progress in High Mobility Polymer Semiconductors for Organic Thin Film Transistors. <i>Reviews in Advanced Sciences and Engineering</i> , 2012, 1, 200-224.	0.6	33
44	Photo-degradation of the indium tin oxide (ITO)/organic interface in organic optoelectronic devices and a new outlook on the role of ITO surface treatments and interfacial layers in improving device stability. <i>Organic Electronics</i> , 2012, 13, 2075-2082.	2.6	32
45	Dramatically enhanced molecular ordering and charge transport of a DPP-based polymer assisted by oligomers through antiplasticization. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4423.	5.5	31
46	Role of the donor material and the donor-acceptor mixing ratio in increasing the efficiency of Schottky junction organic solar cells. <i>Organic Electronics</i> , 2013, 14, 2392-2400.	2.6	31
47	Electric-field-induced fluorescence quenching in dye-doped tris(8-hydroxyquinoline) aluminum layers. <i>Applied Physics Letters</i> , 2006, 89, 103505.	3.3	30
48	Probing triplet-triplet annihilation zone and determining triplet exciton diffusion length by using delayed electroluminescence. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	30
49	Photodegradation of the organic/metal cathode interface in organic light-emitting devices. <i>Applied Physics Letters</i> , 2010, 97, 063309.	3.3	29
50	Significant Enhancement in Quantum Dot Light-Emitting Device Stability via a Cascading Hole Transport Layer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16782-16791.	8.0	29
51	Photochemical deterioration of the organic/metal contacts in organic optoelectronic devices. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	28
52	The role of polyethylenimine in enhancing the efficiency of quantum dot light-emitting devices. <i>Nanoscale</i> , 2018, 10, 2623-2631.	5.6	28
53	Very High Brightness Quantum Dot Light-Emitting Devices via Enhanced Energy Transfer from a Phosphorescent Sensitizer. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25828-25834.	8.0	27
54	The Root Causes of the Limited Stability of Solution-Coated Small-Molecule Organic Light-Emitting Devices: Faster Host Aggregation by Exciton-Polaron Interactions. <i>Advanced Functional Materials</i> , 2016, 26, 8662-8669.	14.9	27

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55	Dependence of carrier recombination mechanism on the thickness of the emission layer in green phosphorescent organic light emitting devices. <i>Organic Electronics</i> , 2011, 12, 582-588.	2.6	25
56	Acid dyeing for green solvent processing of solvent resistant semiconducting organic thin films. <i>Materials Horizons</i> , 2020, 7, 2959-2969.	12.2	24
57	Luminescence degradation in phosphorescent organic light-emitting devices by hole space charges. <i>Journal of Applied Physics</i> , 2011, 109, 044501-044501-6.	2.5	23
58	Formulation strategies for optimizing the morphology of polymeric bulk heterojunction organic solar cells: a brief review. <i>Journal of Photonics for Energy</i> , 2014, 4, 040998.	1.3	22
59	Degradation Mechanisms in Blue Phosphorescent Organic Light-Emitting Devices by Exciton-Polaron Interactions: Loss in Quantum Yield versus Loss in Charge Balance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 636-643.	8.0	22
60	Root Causes of the Limited Electroluminescence Stability of Organic Light-Emitting Devices Made by Solution-Coating. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18113-18122.	8.0	22
61	Investigating the influence of the solution-processing method on the morphological properties of organic semiconductor films and their impact on OLED performance and lifetime. <i>Organic Electronics</i> , 2020, 78, 105509.	2.6	22
62	Highly Efficient Organic Light-Emitting Devices Prepared with a Phosphorescent Heteroleptic Iridium (III) Complex Containing 7,8-Benzoquinoline as the Cyclometalated Ligand. <i>Advanced Optical Materials</i> , 2014, 2, 262-266.	7.3	21
63	Significant Photostability Enhancement of Inverted Organic Solar Cells by Inserting an N-Annulated Perylene Diimide (PDIN-H) between the ZnO Electron Extraction Layer and the Organic Active Layer. <i>ACS Applied Energy Materials</i> , 2020, 3, 11655-11665.	5.1	20
64	Explaining the different efficiency behaviors of PHOLEDs with/without a hole injection barrier at the hole transport layer/emitter layer interface. <i>Organic Electronics</i> , 2013, 14, 2510-2517.	2.6	19
65	Concentration-insensitive phosphorescent organic light emitting devices (PhOLEDs) for easy manufacturing. <i>Journal of Luminescence</i> , 2014, 151, 34-40.	3.1	18
66	Enhanced photo-stability of inverted organic solar cells via using polyethylenimine in the electron extraction layers. <i>Organic Electronics</i> , 2019, 73, 26-35.	2.6	18
67	Improving the stability of organic light-emitting devices by using a thin Mg anode buffer layer. <i>Applied Physics Letters</i> , 2006, 89, 103515.	3.3	17
68	Evidence of intermolecular species formation with electrical aging in anthracene-based blue organic light-emitting devices. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	17
69	Causes of driving voltage rise in phosphorescent organic light emitting devices during prolonged electrical driving. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	17
70	Impact of N-substitution of a carbazole unit on molecular packing and charge transport of DPP-carbazole copolymers. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1683.	5.5	17
71	The role of excitons within the hole transporting layer in quantum dot light emitting device degradation. <i>Nanoscale</i> , 2019, 11, 8310-8318.	5.6	17
72	Temperature dependence of photoluminescence efficiency in doped and blended organic thin films. <i>Chemical Physics Letters</i> , 2008, 458, 319-322.	2.6	16

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73	The influence of the hole blocking layers on the electroluminescence stability of phosphorescent organic light emitting devices. <i>Organic Electronics</i> , 2011, 12, 2056-2060.	2.6	16
74	Simplified Organic Light-Emitting Devices Utilizing Ultrathin Electron Transport Layers and New Insights on Their Roles. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1697-1701.	8.0	16
75	Degradation of PEDOT:PSS hole injection layers by electrons in organic light emitting devices. <i>Organic Electronics</i> , 2019, 69, 313-319.	2.6	16
76	Charge-carrier mobility in an organic semiconductor thin film measured by photoinduced electroluminescence. <i>Applied Physics Letters</i> , 2006, 88, 242101.	3.3	15
77	Influences of using a high mobility donor polymer on solar cell performance. <i>Organic Electronics</i> , 2013, 14, 3484-3492.	2.6	15
78	Degradation mechanism in simplified phosphorescent organic light-emitting devices utilizing one material for hole transport and emitter host. <i>Applied Physics Letters</i> , 2013, 103, 063307.	3.3	15
79	The influence of charge injection from intermediate connectors on the performance of tandem organic light-emitting devices. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	15
80	Pure red phosphorescent OLED (PhOLED) based on a cyclometalated iridium complex with a dibenzoylmethane (dbm) moiety as the ancillary ligand. <i>Thin Solid Films</i> , 2014, 562, 530-537.	1.8	15
81	Maskless RGB color patterning of vacuum-deposited small molecule OLED displays by diffusion of luminescent dopant molecules. <i>Optics Express</i> , 2015, 23, 16650.	3.4	15
82	Poor photo-stability of the organic/LiF/Al contact in organic optoelectronic devices. <i>Organic Electronics</i> , 2011, 12, 1571-1575.	2.6	14
83	The effect of charge extraction layers on the photo-stability of vacuum-deposited versus solution-coated organic solar cells. <i>Organic Electronics</i> , 2014, 15, 47-56.	2.6	14
84	Facile conversion of polymer organic thin film transistors from ambipolar and p-type into unipolar n-type using polyethyleneimine (PEI)-modified electrodes. <i>Organic Electronics</i> , 2014, 15, 3787-3794.	2.6	13
85	Exciton-induced Degradation of Hole Transport Layers and Its Effect on the Efficiency and Stability of Phosphorescent Organic Light-emitting Devices. <i>Advanced Optical Materials</i> , 2019, 7, 1800923.	7.3	13
86	Role of Guest Materials in the Lower Stability of Solution-Coated versus Vacuum-Deposited Phosphorescent OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8199-8208.	8.0	13
87	Phosphorescent organic light-emitting devices (PhOLEDs) based on heteroleptic bis-cyclometalated complexes using acetylacetonate as the ancillary ligand. <i>Synthetic Metals</i> , 2014, 198, 131-136.	3.9	12
88	Enhanced stability in inverted simplified phosphorescent organic light-emitting devices and its origins. <i>Organic Electronics</i> , 2015, 22, 69-73.	2.6	12
89	Effect of exciton diffusion on electroluminescence of organic light-emitting devices. <i>Organic Electronics</i> , 2008, 9, 1128-1131.	2.6	10
90	Interplay between efficiency and device architecture for small molecule organic solar cells. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 11398.	2.8	10

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91	The different influence of singlet and triplet excitons in the degradation of phosphorescent organic light-emitting devices due to exciton-polaron-induced aggregation of host materials. <i>Organic Electronics</i> , 2015, 26, 464-470.	2.6	10
92	Utilization of hole trapping effect of aromatic amines to convert polymer semiconductor from ambipolar into n-type. <i>Organic Electronics</i> , 2016, 37, 190-196.	2.6	10
93	Differences in Photoluminescence Stability and Host-to-Guest Energy Transfer in Solution-Coated Versus Vacuum-Deposited Electroluminescent Host:Guest Small-Molecule Materials. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11701-11707.	3.1	10
94	Reducing ultraviolet-induced open-circuit voltage loss in inverted organic solar cells by maintaining charge selectivity of the electron collection contact using polyethylenimine. <i>Solar Energy</i> , 2020, 198, 427-433.	6.1	10
95	Significant enhancement in quantum-dot light emitting device stability via a ZnO:polyethylenimine mixture in the electron transport layer. <i>Nanoscale Advances</i> , 2021, 3, 5900-5907.	4.6	10
96	Small feature sizes and high aperture ratio organic light-emitting diodes by using laser-patterned polyimide shadow masks. <i>Applied Physics Letters</i> , 2014, 104, 053303.	3.3	9
97	Vacuum deposited ternary mixture organic solar cells. <i>Organic Electronics</i> , 2015, 17, 229-239.	2.6	9
98	Detecting luminescence from triplet states of organic semiconductors at room temperatures using delayed electroluminescence spectroscopy. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	8
99	Phosphorescent organic light-emitting devices (PhOLEDs) based on 1-methyl-3-propyl-5-(2,4,5-trifluorophenyl)-1H-1,2,4-triazole as the cyclometalated ligand: Influence of the ancillary ligand on the emissive properties. <i>Synthetic Metals</i> , 2014, 195, 312-320.	3.9	8
100	Insights into charge balance and its limitations in simplified phosphorescent organic light-emitting devices. <i>Organic Electronics</i> , 2016, 30, 76-82.	2.6	8
101	Direct Observation of Exciton-Induced Molecular Aggregation in Organic Small-Molecule Electroluminescent Materials. <i>Journal of Physical Chemistry C</i> , 2019, 123, 16424-16429.	3.1	8
102	The Root Causes of the Limited Electroluminescence Stability of Solution-Coated Versus Vacuum-Deposited Small-Molecule OLEDs: A Mini-Review. <i>Frontiers in Chemistry</i> , 2022, 10, 857551.	3.6	8
103	Implications of the device structure on the photo-stability of organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2014, 128, 320-329.	6.2	7
104	The Use of Green-Solvent Processable Molecules with Large Dipole Moments in the Electron Extraction Layer of Inverted Organic Solar Cells as a Universal Route for Enhancing Stability. <i>Advanced Sustainable Systems</i> , 2022, 6, 2100078.	5.3	7
105	Enhanced bulk conductivity and bipolar transport in mixtures of MoOx and organic hole transport materials. <i>Thin Solid Films</i> , 2013, 536, 202-205.	1.8	6
106	Study of Vertical and Lateral Charge Transport Properties of DPP-Based Polymer/PC61BM Films Using Space Charge Limited Current (SCLC) and Field Effect Transistor Methods and their Effects on Photovoltaic Characteristics. <i>Australian Journal of Chemistry</i> , 2015, 68, 1741.	0.9	6
107	Host-to-Guest Energy Transfer and Its Role in the Lower Stability of Solution-Coated versus Vacuum-Deposited Phosphorescent OLEDs. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20094-20103.	3.1	6
108	P-153L:Late-News Poster: Vacuum Deposition of OLEDs with Feature Sizes \approx 20um Using a Contact Shadow Mask Patterned In-situ by Laser Ablation. <i>Digest of Technical Papers SID International Symposium</i> , 2012, 43, 1544-1547.	0.3	5

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109	Exciton-induced degradation of organic/electrode interfaces in ultraviolet organic photodetectors. <i>Organic Electronics</i> , 2013, 14, 3030-3036.	2.6	5
110	Electroluminescence Stability of Organic Light-Emitting Devices Utilizing a Nondoped Pt-Based Emission Layer. <i>ACS Omega</i> , 2018, 3, 4760-4765.	3.5	5
111	Diffusion barriers for achieving controlled concentrations of luminescent dopants via diffusion for mask-less RGB color patterning of organic light emitting devices. <i>Optics Express</i> , 2015, 23, 30783.	3.4	3
112	Triplet-induced degradation: An important consideration in the design of solution-processed hole injection materials for organic light-emitting devices. <i>Organic Electronics</i> , 2017, 48, 217-222.	2.6	3
113	69â€¢4: Active Backplane Design for Digital Video Walls. <i>Digest of Technical Papers SID International Symposium</i> , 2017, 48, 1020-1023.	0.3	2
114	The negative effect of toluene on poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) (PEDOT:PSS) hole injection layer and its role in reducing the stability of solution-coated organic light-emitting devices. <i>Synthetic Metals</i> , 2021, 273, 116704.	3.9	2
115	Poor confinement of e-h recombination zone in blue oleds. <i>Canadian Conference on Electrical and Computer Engineering</i> , 2008, , .	0.0	1
116	P-125: Maskless RGB Color Patterning via Dye Diffusion for Vacuum-Deposited Small Molecule OLED Displays. <i>Digest of Technical Papers SID International Symposium</i> , 2015, 46, 1636-1638.	0.3	0
117	Blade Coating System for Organic Electronics. , 2019, , .		0
118	The influence of charge carriers in the hole transport layer on stability of quantum dot light-emitting devices. , 2021, , .		0
119	Improvement in the stability of phosphorescent OLED with solution-coated hole-transport layer via exciplexâ€¢triplet energy transfer. , 2021, , .		0
120	The potential benefits of polyethylenimine as an electron extraction layer for facilitating the manufacturing of inverted organic solar cells. , 2021, , .		0
121	Stability Enhancement of Quantum Dot Light-Emitting Devices Through Charge Management in the Hole Transporting Layer. , 2021, , .		0