

Ritu Srivastava

List of Publications by Year in descending order

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131
papers

1,952
citations

279798

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#	ARTICLE	IF	CITATIONS
1	A study on structural, optical, and electrical characteristics of perovskite CsPbBr ₃ QD/2D-TiSe ₂ nanosheet based nanocomposites for optoelectronic applications. Dalton Transactions, 2022, 51, 4104-4112.	3.3	2
2	Ethylcellulose-Encapsulated Inorganic Lead Halide Perovskite Nanoparticles for Printing and Optoelectronic Applications. Particle and Particle Systems Characterization, 2022, 39, .	2.3	4
3	Colloidal lead-free Cs ₂ AgBiBr ₆ double perovskite nanocrystals: Synthesis, uniform thin-film fabrication, and application in solution-processed solar cells. Nano Research, 2021, 14, 1126-1134.	10.4	39
4	A study on chemical exfoliation and structural and optical properties of two-dimensional layered titanium diselenide. Dalton Transactions, 2021, 50, 3894-3903.	3.3	4
5	A Facile Liquid Phase Exfoliation of Tungsten Diselenide using Dimethyl Sulfoxide as Polar Aprotic Solvent to Produce High-quality Nanosheets. ChemNanoMat, 2021, 7, 328-333.	2.8	8
6	Mixed bismuth-antimony-based double perovskite nanocrystals for solar cell application. International Journal of Energy Research, 2021, 45, 16769-16780.	4.5	18
7	A Facile Liquid Phase, Solvent-Dependent Exfoliation of Large Scale MoS ₂ Nanosheets and Study of Their Photoconductive Behaviour for UV-Photodetector Application. ChemistrySelect, 2021, 6, 11285-11292.	1.5	10
8	Benzoyl Halide as Alternative Precursor for Synthesis of Lead Free Double Perovskite Cs ₃ Bi ₂ Br ₉ Nanocrystals. Journal of Nanoscience and Nanotechnology, 2020, 20, 3802-3808.	0.9	3
9	A cost-effective liquid phase exfoliation process for large 2D-MoS ₂ nanosheets and its application in FET. AIP Conference Proceedings, 2020, , .	0.4	0
10	Preparation and Optoelectronic Properties of Iridium (III) Complexes Based on 1,3,4-Oxadiazole and β -diketones. Springer Proceedings in Physics, 2020, , 43-51.	0.2	0
11	Study of contact resistance with PtPc buffer layer in vertical organic field-effect transistor. Engineering Research Express, 2019, 1, 015015.	1.6	0
12	Carbon Quantum Dot as Electron Transporting Layer in Organic Light Emitting Diode. ChemistrySelect, 2019, 4, 7450-7454.	1.5	11
13	Temperature and dopant dependence of hole transport in a green light emitting polyspirobifluorene polymer. Optical Materials, 2019, 95, 109208.	3.6	1
14	Perovskite Resonant Tunneling FET with Sequential Negative Differential Resistance Peaks. ACS Applied Electronic Materials, 2019, 1, 735-744.	4.3	6
15	Analysing the TIPSP-based VOFET through transistor efficiency (g_m/I_D). IET Circuits, Devices and Systems, 2019, 13, 139-144.	1.4	1
16	Improved Grain distribution in polymer thin films after electric polarization. IOP Conference Series: Materials Science and Engineering, 2019, 577, 012082.	0.6	0
17	Mg-doped ZnO nanostructures for efficient Organic Light Emitting Diode. Vacuum, 2019, 166, 370-376.	3.5	24
18	Nickel nanoparticles-super yellow (PDY-132) nanoblends for organic light emitting devices. Vacuum, 2019, 166, 351-355.	3.5	2

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19	Metal-CH ₃ NH ₃ Pb ₃ -Metal Tunnel FET. IEEE Transactions on Electron Devices, 2018, 65, 1902-1909.	3.0	7
20	Study of enhancement in the dielectric and electrical properties of WO ₃ -doped LiF nano-composite. Journal of Materials Science, 2018, 53, 4199-4208.	3.7	16
21	High-yield synthesis and liquid-exfoliation of two-dimensional belt-like hafnium disulphide. Nano Research, 2018, 11, 343-353.	10.4	46
22	Surface plasmon enhanced organic solar cells using thermally deposited Au nanoparticles. AIP Conference Proceedings, 2018, , .	0.4	4
23	Effect of n-type doping on the electron transport of polyfluorene. AIP Conference Proceedings, 2018, , .	0.4	0
24	WO ₃ -doped LiF as gate dielectric for p-channel vertical organic field effect transistor application. Thin Solid Films, 2018, 666, 156-160.	1.8	4
25	Size-tunable Synthesis of Colloidal Silver Sulfide Nanocrystals for Solution-Processed Photovoltaic Applications. ChemistrySelect, 2018, 3, 5620-5629.	1.5	11
26	Analysis of Blockade in Charge Transport Across Polymeric Heterojunctions as a Function of Thermal Annealing: A Different Perspective. Journal of Electronic Materials, 2017, 46, 1235-1247.	2.2	20
27	Functionalized Molybdenum Disulfide Nanosheets for OD ^{2D} Hybrid Nanostructures: Photoinduced Charge Transfer and Enhanced Photoresponse. Journal of Physical Chemistry Letters, 2017, 8, 1729-1738.	4.6	67
28	Functionalized 2D-MoS ₂ -Incorporated Polymer Ternary Solar Cells: Role of Nanosheet-Induced Long-Range Ordering of Polymer Chains on Charge Transport. ACS Applied Materials & Interfaces, 2017, 9, 34111-34121.	8.0	34
29	Li-doped ZnO nanostructures for the organic light emitting diode application. Vacuum, 2017, 146, 462-467.	3.5	23
30	Study of injection and transport properties of metal/organic interface using HAT-CN molecules as hole injection layer. Vacuum, 2017, 146, 530-536.	3.5	10
31	Charge transport study of P3HT blended MoS ₂ . Vacuum, 2017, 146, 474-477.	3.5	11
32	Modeling of Organic Permeable Base Transistor Based on Inverse of Transistor Efficiency ($\frac{I_{C}}{I_{T}}$) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	5
33	Review on Optical and Electrical Properties of Conducting Polymers. Indian Journal of Materials Science, 2016, 2016, 1-8.	0.6	19
34	Impedance spectroscopy study of 2, 2, 7, 7-tetra kis-(N,N-di-4-methoxy phenyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (am	0.4	0
35	Low voltage organic permeable base N-type transistor. Applied Physics Letters, 2016, 109, .	3.3	6
36	Effect of doping on the electron transport in polyfluorene. AIP Conference Proceedings, 2016, , .	0.4	1

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37	Interactions of titania based nanoparticles with silica and green-tea: Photo-degradation and -luminescence. <i>Journal of Colloid and Interface Science</i> , 2016, 475, 82-95.	9.4	36
38	Exploring an Emissive Charge Transfer Process in Zero-Twist Donor-acceptor Molecular Design as a Dual-State Emitter. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12723-12733.	3.1	46
39	A vertically stacked phosphorescent multilayer organic light emitting transistor. <i>RSC Advances</i> , 2016, 6, 90873-90877.	3.6	8
40	D-A conjugated polymers containing substituted thiophene, 1,3,4-oxadiazole and non-conjugation linkers: Synthesis and study of optical and electrochemical properties. <i>Journal of Chemical Sciences</i> , 2016, 128, 1423-1433.	1.5	3
41	Role of reduced pi-pi stacking in the charge transport in polyfluorene. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016, 212, 62-70.	3.5	9
42	Large Area Fabrication of Semiconducting Phosphorene by Langmuir-Blodgett Assembly. <i>Scientific Reports</i> , 2016, 6, 34095.	3.3	67
43	Degradation of organic light emitting diode: Heat related issues and solutions. <i>Synthetic Metals</i> , 2016, 216, 40-50.	3.9	41
44	Preparation and photoluminescence enhancement in terbium(III) ternary complexes with β^2 -diketone and monodentate auxiliary ligands. <i>Cogent Chemistry</i> , 2016, 2, 1134993.	2.5	19
45	Incorporation of liquid crystalline triphenylene derivative in bulk heterojunction solar cell with molybdenum oxide as buffer layer for improved efficiency. <i>Liquid Crystals</i> , 2016, 43, 928-936.	2.2	25
46	Tunable field effect properties in solid state and flexible graphene electronics on composite high ϵ low k dielectric. <i>Carbon</i> , 2016, 99, 579-584.	10.3	5
47	Improved Performance of Organic LEDs with Modified Metal-Organic Interface. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 73, 012046.	0.6	2
48	Optoelectronic characterization of zinc complexes for display device applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6762-6768.	2.2	13
49	Packing directed beneficial role of 3-D rigid alicyclic arms on the templated molecular aggregation problem. <i>RSC Advances</i> , 2015, 5, 61249-61257.	3.6	3
50	Conductive cooling in white organic light emitting diode for enhanced efficiency and life time. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	3
51	Study of fluorescence quenching due to 2, 3, 5, 6-tetrafluoro-7, 7, 8, 8-tetracyano quinodimethane and its solid state diffusion analysis using photoluminescence spectroscopy. <i>Journal of Chemical Physics</i> , 2015, 142, 054707.	3.0	17
52	Characterization and luminescent properties of zinc-Schiff base complexes for organic white light emitting devices. <i>Cogent Chemistry</i> , 2015, 1, 1079291.	2.5	20
53	Application of 2D-MoO ₃ nano-flakes in organic light emitting diodes: effect of semiconductor to metal transition with irradiation. <i>RSC Advances</i> , 2015, 5, 8397-8403.	3.6	16
54	Light outcoupling efficiency enhancement in organic light emitting diodes using an organic scattering layer. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 81-85.	2.4	12

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55	Elucidation on Joule heating and its consequences on the performance of organic light emitting diodes. <i>Journal of Applied Physics</i> , 2014, 115, 034518.	2.5	19
56	Interface modified thermally stable hole transporting layer for efficient organic light emitting diodes. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	5
57	A new zincâ€“Schiff base complex as an electroluminescent material. <i>Journal of Organic Semiconductors</i> , 2014, 2, 15-20.	1.2	30
58	Design and synthesis of novel anthracene derivatives as n-type emitters for electroluminescent devices: a combined experimental and DFT study. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 342-357.	2.9	18
59	Engineering fused coumarin dyes: a molecular level understanding of aggregation quenching and tuning electroluminescence via alkyl chain substitution. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6637.	5.5	53
60	Multilayer thin film encapsulation for organic light emitting diodes. <i>RSC Advances</i> , 2014, 4, 10808-10814.	3.6	12
61	p-Type doping of tetrafluorotetracyanoquinodimethane (F4TCNQ) in poly(para-phenylene vinylene) (PPV) derivative â€œSuper Yellowâ€“(SY). <i>RSC Advances</i> , 2014, 4, 47899-47905.	3.6	2
62	Enhanced carrier transport in tris(8-hydroxyquinolate) aluminum by titanyl phthalocyanine doping. <i>RSC Advances</i> , 2014, 4, 51256-51261.	3.6	15
63	Investigation of the Photophysical and Electrical Characteristics of CuInS ₂ QDs/SWCNT Hybrid Nanostructure. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11409-11416.	3.1	15
64	n-Type ternary zinc complexes: Synthesis, physicochemical properties and organic light emitting diodes application. <i>Journal of Organometallic Chemistry</i> , 2014, 756, 38-46.	1.8	20
65	Chemical structure dependent electron transport in 9,10-bis(2-phenyl-1,3,4-oxadiazole) derivatives of anthracene. <i>RSC Advances</i> , 2014, 4, 12206.	3.6	5
66	Novel organic electron injection layer for efficient and stable organic light emitting diodes. <i>Journal of Luminescence</i> , 2014, 146, 53-56.	3.1	6
67	Study of shifting of recombination zone in multi-emissive layer organic light emitting devices and its effect on color stability. <i>Journal of Luminescence</i> , 2013, 136, 249-254.	3.1	14
68	Effect of doping of cesium carbonate on electron transport in Tris(8-hydroxyquinolato) aluminum. <i>Organic Electronics</i> , 2013, 14, 1391-1395.	2.6	19
69	Surface modified ZnO nanoparticles: structure, photophysics, and its optoelectronic application. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	10
70	Synthesis, Characterization, and Electroluminescent Characteristics of Mixed-Ligand Zinc(II) Complexes. <i>Journal of Electronic Materials</i> , 2013, 42, 973-978.	2.2	11
71	Ternary zinc complexes as electron transport and electroluminescent materials. <i>Journal of Organometallic Chemistry</i> , 2013, 740, 116-122.	1.8	12
72	Energy transfer process between exciton and surface plasmon: Complete transition from Forster to surface energy transfer. <i>Applied Physics Letters</i> , 2013, 102, 203304.	3.3	30

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73	Study of 2,3,5,6-tetrafluoro-7,7,8,8-tetracyano quinodimethane diffusion in organic light emitting diodes using secondary ion mass spectroscopy. RSC Advances, 2013, 3, 24553.	3.6	22
74	Exciton quenching by diffusion of 2,3,5,6-tetrafluoro-7,7,8,8-tetra cyano quino dimethane and its consequences on joule heating and lifetime of organic light-emitting diodes. Optics Letters, 2013, 38, 3854.	3.3	15
75	Effect of reduction of trap charge carrier density in organic field effect transistors by surface treatment of dielectric layer. Journal of Applied Physics, 2013, 114, .	2.5	9
76	Enhanced performance of organic photovoltaic devices by incorporation of tetrapod-shaped CdSe nanocrystals in polymer-fullerene systems. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 785-790.	1.8	18
77	Multi emissive layer type white organic light emitting diode based on zinc metal complexes. , 2012, , .		0
78	Enhancement of light extraction efficiency of organic light emitting diodes using nanostructured indium tin oxide. Optics Letters, 2012, 37, 575.	3.3	36
79	White electroluminescence from hybrid organic inorganic LEDs based on thermally evaporated nanocrystals. Europhysics Letters, 2012, 99, 17003.	2.0	1
80	White electroluminescence from hybrid organic inorganic LEDs based on thermally evaporated nanocrystals. Europhysics Letters, 2012, 99, 49903.	2.0	0
81	Outcoupling efficiency enhancement in organic light emitting diodes via nano-structured indium tin oxide and nano-phosphors. Organic Electronics, 2012, 13, 2879-2886.	2.6	5
82	Surface plasmon enhanced blue organic light emitting diode with nearly 100% fluorescence efficiency. Organic Electronics, 2012, 13, 1750-1755.	2.6	61
83	Percolation dominated electron transport in Tetracyanoquinodimethane mixed 4,7-diphenyl-1,10-phenanthroline thin films. Organic Electronics, 2012, 13, 3074-3078.	2.6	11
84	Synthesis, characterization, and optoelectronic properties of heteroleptic iridium complexes containing substituted 1,3,4-oxadiazole and 1,2-diketone as ligands. Journal of Coordination Chemistry, 2012, 65, 453-462.	2.2	1
85	Studies on morphological and optoelectronic properties of MEH-CN-PPV:TiO ₂ nanocomposites. Materials Chemistry and Physics, 2012, 133, 317-323.	4.0	14
86	Efficiency enhancement of organic light emitting diode via surface energy transfer between exciton and surface plasmon. Organic Electronics, 2012, 13, 159-165.	2.6	71
87	Dependence of charge carrier mobility of 4,4',4''-tris(N-3-methylphenyl-N-phenylamino)triphenylamine on doping concentration of tetrafluoro-tetracyano-quinodimethane. Organic Electronics, 2012, 13, 394-398.	2.6	15
88	Electroluminescence from hybrid organic-inorganic LEDs based on thermally evaporated CdS thin films. Journal of Luminescence, 2012, 132, 330-336.	3.1	18
89	Charge Transport Study of 2,2',7,7'-Tetrakis(N,N-di-4-methoxyphenyl amino)-9,9'-spirobifluorene Using Impedance Spectroscopy. Japanese Journal of Applied Physics, 2011, 50, 061601.	1.5	2
90	Charge transport studies in thermally evaporated 2,2',7,7'-tetrakis-(N,N-di-4-methoxyphenylamino)-9,9'-spirobifluorene (spiro-MeOTAD) thin film. Synthetic Metals, 2011, 161, 828-832.	3.9	9

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91	Synthesis and characterization of novel 2,5-diphenyl-1,3,4-oxadiazole derivatives of anthracene and its application as electron transporting blue emitters in OLEDs. <i>Synthetic Metals</i> , 2011, 161, 869-880.	3.9	37
92	Improved light extraction efficiency with angle independent electroluminescence spectrum in nano-phosphor coated white organic light emitting diodes. <i>Synthetic Metals</i> , 2011, 161, 1172-1176.	3.9	8
93	Synthesis and characterization of 5,7-dimethyl-8-hydroxyquinoline and 2-(2-pyridyl)benzimidazole complexes of zinc(II) for optoelectronic application. <i>Optical Materials</i> , 2011, 34, 221-227.	3.6	36
94	Quinolinylâ€œmoietyâ€œcontaining 3â€œesterâ€œsubstituted polythiophenes showing fluorescence efficiency. <i>Polymer International</i> , 2011, 60, 1030-1038.	3.1	2
95	Effect of doping of 8-hydroxyquinolinatolithium on electron transport in tris(8-hydroxyquinolino)aluminum. <i>Journal of Applied Physics</i> , 2011, 109, 114511.	2.5	18
96	Dipolar alignment and consequent enhanced charge transport in poly (9,9â€œ di octyl fluorene)-2,7-ylyene ethynylene. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	10
97	MORPHOLOGICAL, OPTICAL AND ELECTRICAL CHARACTERIZATION OF SOLUTION PROCESSED MWNTâ€œPEDOT:PSS NANOCOMPOSITE. <i>International Journal of Modern Physics B</i> , 2011, 25, 2543-2556.	2.0	9
98	Simultaneous Synthesis of Multi-Walled Carbon Nanotubes, Graphitic Rod-Like Structures and Rose Petal-Like Structures via a One-Step Water-Assisted Method. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2011, 19, 343-352.	2.1	6
99	New Organic Thin-Film Encapsulation for Organic Light Emitting Diodes. <i>Journal of Encapsulation and Adsorption Sciences</i> , 2011, 01, 23-28.	0.3	21
100	White organic electroluminescence from fluorescent bis (2-(2-hydroxyphenyl) benzoxazolate)zinc doped with phosphorescent material. <i>Journal of Luminescence</i> , 2010, 130, 249-253.	3.1	19
101	White organic light emitting diodes based on DCM dye sandwiched in 2-methyl-8-hydroxyquinolinatolithium. <i>Journal of Luminescence</i> , 2010, 130, 1516-1520.	3.1	26
102	Comparison of structure and yield of multiwall carbon nanotubes produced by the CVD technique and a water assisted method. <i>Physica B: Condensed Matter</i> , 2010, 405, 1745-1749.	2.7	17
103	Erratum to â€œComparison of structure and yield of multiwall carbon nanotubes produced by the CVD technique and a water assisted methodâ€œ[<i>Physica B</i> 405 (2010) 1745]. <i>Physica B: Condensed Matter</i> , 2010, 405, 3514.	2.7	0
104	Electric field and temperature dependence of hole mobility in electroluminescent PDY 132 polymer thin films. <i>Solid State Communications</i> , 2010, 150, 581-584.	1.9	8
105	SYNTHESIS AND CHARACTERIZATION OF CdS NANOCRYSTALLITES DISPERSED IN POLYMER MATRIX. <i>Nano</i> , 2010, 05, 97-102.	1.0	3
106	White electroluminescence from stacked organic light emitting diode. <i>Synthetic Metals</i> , 2010, 160, 756-761.	3.9	15
107	Field, temperature and thickness dependent electron transport in 5,5â€œ-(2,6-di-tert-butylanthracene-9,10-diyl)bis(2-p-tolyl-1,3,4-oxadiazole). <i>Synthetic Metals</i> , 2010, 160, 774-778.	3.9	4
108	Low voltage organic light emitting diode using pâ€œâ€œn structure. <i>Synthetic Metals</i> , 2010, 160, 1126-1129.	3.9	11

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109	Frequency dependent electrical transport properties of 4,4'-bis(2,2,2-tris(N-3-methylphenyl-N-phenylamine)triphenylamine by impedance spectroscopy. Synthetic Metals, 2010, 160, 1422-1426.	3.9	24
110	Charge transport and microstructure in PFO:MEH-PPV polymer blend thin films. Synthetic Metals, 2010, 160, 1740-1744.	3.9	35
111	Change in conformation of polymer PFO on addition of multiwall carbon nanotubes. Nanoscale, 2010, 2, 1171.	5.6	11
112	Low electrical percolation threshold and PL quenching in solution-blended MWNTs/MEH PPV nanocomposites. Journal of Experimental Nanoscience, 2010, 5, 412-426.	2.4	15
113	Studies on organic light-emitting diodes based on rubrene-doped zinc quinolate. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 1660-1663.	1.8	4
114	White organic light-emitting diodes based on blue fluorescent bis(2-(2-hydroxyphenyl)benzoxazole)zinc [Zn(hpb) ₂] doped with DCM dye. Synthetic Metals, 2009, 159, 234-237.	3.9	28
115	Synthesis and characterization of 9,10-bis(2-phenyl-1,3,4-oxadiazole) derivatives of anthracene: Efficient n-type emitter for organic light-emitting diodes. Journal of Materials Chemistry, 2009, 19, 6172.	6.7	49
116	Carbon nanotube-based organic light emitting diodes. Nanoscale, 2009, 1, 317.	5.6	65
117	Implementation of anti-reflection coating to enhance light out-coupling in organic light-emitting devices. Journal of Luminescence, 2008, 128, 525-530.	3.1	35
118	Synthesis and electroluminescence properties of zinc(2,2'-bipyridine)8-hydroxyquinoline. Materials Letters, 2008, 62, 2561-2563.	2.6	19
119	Effect of oblique angle deposition of 1,1'-naphthylphenylbiphenyl diamine on the performance of organic light-emitting diodes. Journal Physics D: Applied Physics, 2008, 41, 015102.	2.8	5
120	Charge transport study in bis{2-(2-hydroxyphenyl) benzoxazole} zinc [Zn(hpb) ₂]. Journal Physics D: Applied Physics, 2008, 41, 195109.	2.8	1
121	Trap Assisted Carrier Recombination in 4-(Dicyanomethylene)-2-methyl-6-(4-dimethylaminostyryl)-4H-pyran Doped Bis[2-(2-hydroxyphenyl)bezoxazole] Zinc. Japanese Journal of Applied Physics, 2008, 47, 3408-3411.	1.5	6
122	Thermally activated field assisted carrier generation and transport in N,N'-di-[(1-naphthalenyl)-N,N'-diphenyl]-(1,1'-biphenyl)-4,4'-diamine doped with 2,3,5,6-tetrafluoro-7,7,8,8-tetracyanoquinodimethane. Journal of Applied Physics, 2008, 104, 124509.	2.5	3
123	Fabrication of organic light-emitting devices by oblique angle deposition technique. , 2007, , .		0
124	Improved efficiency of Organic Light Emitting Diodes by doping of hole transport layer. , 2007, , .		0
125	Enhancement of light out-coupling efficiency of organic light-emitting devices by anti-reflection coating technique. , 2007, , .		1
126	Effect of sublimation on performance of CuPc: PTCDA bilayer organic solar cell. , 2007, , .		0

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127	Surface and edge emission in organic light emitting devices. Optics Communications, 2006, 267, 416-421.	2.1	0
128	Spatial coherence properties of electroluminescence from Alq3-based organic light emitting diodes. Applied Physics Letters, 2006, 89, 061124.	3.3	18
129	Organic Light Emitting Diodes for White Light Emission. , 0, , .		3
130	Bulk heterojunction solar cells based on self-assembling disc-shaped liquid crystalline material. Liquid Crystals, 0, , 1-9.	2.2	8
131	Bulk heterojunction solar cells made from carbazole copolymer and fullerene derivative with an inserted layer of discotic material with improved efficiency. Liquid Crystals, 0, , 1-8.	2.2	4