

Hajime Nakanotani

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3381525/hajime-nakanotani-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121
papers

7,545
citations

43
h-index

86
g-index

133
ext. papers

9,046
ext. citations

8.8
avg, IF

6.53
L-index

#	Paper	IF	Citations
121	Significant role of spin-triplet state for exciton dissociation in organic solids.. <i>Science Advances</i> , 2022 , 8, eabj9188	14.3	1
120	Efficiency of Thermally Activated Delayed Fluorescence Sensitized Triplet Upconversion Doubled in Three-Component System. <i>Advanced Materials</i> , 2021 , e2103976	24	5
119	Highly Efficient Near-Infrared Electrofluorescence from a Thermally Activated Delayed Fluorescence Molecule. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8477-8482	16.4	51
118	Investigating HOMO Energy Levels of Terminal Emitters for Realizing High-Brightness and Stable TADF-Assisted Fluorescence Organic Light-Emitting Diodes. <i>Advanced Electronic Materials</i> , 2021 , 7, 2001090	6.4	19
117	Thermally Activated Delayed Fluorescence Properties of Trioxoazatriangulene Derivatives Modified with Electron Donating Groups. <i>Advanced Optical Materials</i> , 2021 , 9, 2002174	8.1	12
116	Highly Efficient Near-Infrared Electrofluorescence from a Thermally Activated Delayed Fluorescence Molecule. <i>Angewandte Chemie</i> , 2021 , 133, 8558-8563	3.6	13
115	19-1: Invited Paper: Stable Pure-Blue Hyperfluorescence OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2021 , 52, 224-227	0.5	
114	Advances in Thermally Activated Delayed Fluorescent Materials and the Cutting Edge of High Performance OLEDs. <i>Journal of the Institute of Electrical Engineers of Japan</i> , 2021 , 141, 269-276	0	
113	Thermally-activated Delayed Fluorescence for Light-emitting Devices. <i>Chemistry Letters</i> , 2021 , 50, 938-948	9.8	29
112	Direct Observation of Photoexcited Electron Dynamics in Organic Solids Exhibiting Thermally Activated Delayed Fluorescence via Time-Resolved Photoelectron Emission Microscopy. <i>Advanced Optical Materials</i> , 2021 , 9, 2100619	8.1	2
111	Tetrabenzo[a,c]phenazine Backbone for Highly Efficient Orange-Red Thermally Activated Delayed Fluorescence with Completely Horizontal Molecular Orientation. <i>Angewandte Chemie</i> , 2021 , 133, 19513-19522	3.6	0
110	Tetrabenzo[a,c]phenazine Backbone for Highly Efficient Orange-Red Thermally Activated Delayed Fluorescence with Completely Horizontal Molecular Orientation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19364-19373	16.4	15
109	Isotope Effect of Host Material on Device Stability of Thermally Activated Delayed Fluorescence Organic Light-Emitting Diodes. <i>Small Science</i> , 2021 , 1, 2000057		7
108	2,6-Dicarbonitrile Diphenyl-1 β -Phosphinine (DCNP) A Robust Conjugated Building Block for Multi-Functional Dyes Exhibiting Tunable Amplified Spontaneous Emission. <i>Advanced Optical Materials</i> , 2021 , 9, 2101122	8.1	2
107	Amplified spontaneous emission from oligo(p-phenylenevinylene) derivatives. <i>Materials Advances</i> , 2021 , 2, 3906-3914	3.3	2
106	Stable pure-blue hyperfluorescence organic light-emitting diodes with high-efficiency and narrow emission. <i>Nature Photonics</i> , 2021 , 15, 203-207	33.9	151
105	Molecular Design Based on Donor-Weak Donor Scaffold for Blue Thermally-Activated Delayed Fluorescence Designed by Combinatorial DFT Calculations. <i>Frontiers in Chemistry</i> , 2020 , 8, 403	5	13

104	Understanding degradation of organic light-emitting diodes from magnetic field effects. <i>Communications Materials</i> , 2020 , 1,	6	14
103	Near-infrared absorbing pyrrolopyrrole aza-BODIPY-based donor-acceptor polymers with reasonable photoresponse. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8770-8776	7.1	8
102	Molecular orientation of disk-shaped small molecules exhibiting thermally activated delayed fluorescence in host-guest films. <i>Applied Physics Letters</i> , 2020 , 116, 023302	3.4	19
101	The Role of Reverse Intersystem Crossing Using a TADF-Type Acceptor Molecule on the Device Stability of Exciplex-Based Organic Light-Emitting Diodes. <i>Advanced Materials</i> , 2020 , 32, e1906614	24	63
100	Observation of Nonradiative Deactivation Behavior from Singlet and Triplet States of Thermally Activated Delayed Fluorescence Emitters in Solution. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 562-566	6.4	19
99	Partial Modification of Electron-withdrawing Groups in Thermally-activated Delayed Fluorescence Materials Aimed to Improve Efficiency and Stability. <i>Chemistry Letters</i> , 2020 , 49, 1189-1193	1.7	
98	Utilization of Multi-Heterodons in Thermally Activated Delayed Fluorescence Molecules and Their High Performance Bluish-Green Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9498-9506	9.5	12
97	H ₂ O-Induced Crystallization of Organic Luminescent Thin Films by Direct Film Storage in a High Vacuum. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 24919-24929	3.8	2
96	Fast spin-flip enables efficient and stable organic electroluminescence from charge-transfer states. <i>Nature Photonics</i> , 2020 , 14, 636-642	33.9	154
95	Precise Exciton Management of Quaternary Emission Layers for Highly Stable Organic Light-Emitting Diodes Based on Thermally Activated Delayed Fluorescence. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 50668-50674	9.5	2
94	Role of Spontaneous Orientational Polarization in Organic Donor-Acceptor Blends for Exciton Binding. <i>Advanced Optical Materials</i> , 2020 , 8, 2000896	8.1	6
93	Nanosecond-time-scale delayed fluorescence molecule for deep-blue OLEDs with small efficiency rolloff. <i>Nature Communications</i> , 2020 , 11, 1765	17.4	159
92	Critical role of intermediate electronic states for spin-flip processes in charge-transfer-type organic molecules with multiple donors and acceptors. <i>Nature Materials</i> , 2019 , 18, 1084-1090	27	146
91	TADF activation by solvent freezing: The role of nonradiative triplet decay and spin-orbit coupling in carbazole benzonitrile derivatives. <i>Synthetic Metals</i> , 2019 , 252, 62-68	3.6	8
90	Organic Light-Emitting Diode: Effect of Carrier Balance on Device Degradation of Organic Light-Emitting Diodes Based on Thermally Activated Delayed Fluorescence Emitters (Adv. Electron. Mater. 5/2019). <i>Advanced Electronic Materials</i> , 2019 , 5, 1970027	6.4	
89	Photostable and highly emissive glassy organic dots exhibiting thermally activated delayed fluorescence. <i>Chemical Communications</i> , 2019 , 55, 5215-5218	5.8	13
88	Suppression of Structural Change upon S-T Conversion Assists the Thermally Activated Delayed Fluorescence Process in Carbazole-Benzonitrile Derivatives. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 2475-2480	6.4	30
87	Photoluminescence Quenching Probes Spin Conversion and Exciton Dynamics in Thermally Activated Delayed Fluorescence Materials. <i>Advanced Materials</i> , 2019 , 31, e1804490	24	25

86	Effect of Carrier Balance on Device Degradation of Organic Light-Emitting Diodes Based on Thermally Activated Delayed Fluorescence Emitters. <i>Advanced Electronic Materials</i> , 2019 , 5, 1800708	6.4	28
85	High-triplet-energy Bipolar Host Materials Based on Phosphine Oxide Derivatives for Efficient Sky-blue Thermally Activated Delayed Fluorescence Organic Light-emitting Diodes with Reduced Roll-off. <i>Chemistry Letters</i> , 2019 , 48, 1225-1228	1.7	3
84	Slow recombination of spontaneously dissociated organic fluorophore excitons. <i>Nature Communications</i> , 2019 , 10, 5748	17.4	21
83	Highly Efficient Thermally Activated Delayed Fluorescence with Slow Reverse Intersystem Crossing. <i>Chemistry Letters</i> , 2019 , 48, 126-129	1.7	15
82	Well-Ordered 4CzIPN ((4s,6s)-2,4,5,6-Tetra(9-H-carbazol-9-yl)isophthalonitrile) Layers: Molecular Orientation, Electronic Structure, and Angular Distribution of Photoluminescence. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 863-867	6.4	18
81	Rational Molecular Design for Deep-Blue Thermally Activated Delayed Fluorescence Emitters. <i>Advanced Functional Materials</i> , 2018 , 28, 1706023	15.6	155
80	Excited state engineering for efficient reverse intersystem crossing. <i>Science Advances</i> , 2018 , 4, eaao6910	14.3	192
79	The Importance of Excited-State Energy Alignment for Efficient Exciplex Systems Based on a Study of Phenylpyridinato Boron Derivatives. <i>Angewandte Chemie</i> , 2018 , 130, 12560-12564	3.6	17
78	The Importance of Excited-State Energy Alignment for Efficient Exciplex Systems Based on a Study of Phenylpyridinato Boron Derivatives. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12380-12384	16.4	63
77	Solvent-dependent investigation of carbazole benzonitrile derivatives: does the LE3CT1 energy gap facilitate thermally activated delayed fluorescence?. <i>Journal of Photonics for Energy</i> , 2018 , 8, 1	1.2	19
76	Well-ordered films of disk-shaped thermally activated delayed fluorescence molecules. <i>Journal of Photonics for Energy</i> , 2018 , 8, 1	1.2	3
75	Efficient and stable sky-blue delayed fluorescence organic light-emitting diodes with CIE below 0.4. <i>Nature Communications</i> , 2018 , 9, 5036	17.4	82
74	Trifluoromethane modification of thermally activated delayed fluorescence molecules for high-efficiency blue organic light-emitting diodes. <i>Chemical Communications</i> , 2018 , 54, 8261-8264	5.8	28
73	Exploiting Singlet Fission in Organic Light-Emitting Diodes. <i>Advanced Materials</i> , 2018 , 30, e1801484	24	66
72	Evidence and mechanism of efficient thermally activated delayed fluorescence promoted by delocalized excited states. <i>Science Advances</i> , 2017 , 3, e1603282	14.3	177
71	Light Amplification in Molecules Exhibiting Thermally Activated Delayed Fluorescence. <i>Advanced Optical Materials</i> , 2017 , 5, 1700051	8.1	63
70	Near-infrared organic light-emitting diodes for biosensing with high operating stability. <i>Applied Physics Express</i> , 2017 , 10, 074101	2.4	51
69	Controlling Singlet-Triplet Energy Splitting for Deep-Blue Thermally Activated Delayed Fluorescence Emitters. <i>Angewandte Chemie</i> , 2017 , 129, 1593-1597	3.6	72

68	Controlling Singlet-Triplet Energy Splitting for Deep-Blue Thermally Activated Delayed Fluorescence Emitters. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1571-1575	16.4	302
67	Molecular Design for Blue Thermal Activated Delayed Fluorescence Materials: Substitution Position Effect. <i>Chemistry Letters</i> , 2017 , 46, 1490-1492	1.7	11
66	Donor-Acceptor Motifs: Thermally Activated Delayed Fluorescence Emitters with Dual Upconversion. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16536-16540	16.4	81
65	Donor-Acceptor Motifs: Thermally Activated Delayed Fluorescence Emitters with Dual Upconversion. <i>Angewandte Chemie</i> , 2017 , 129, 16763-16767	3.6	22
64	Highly Efficient Thermally Activated Delayed Fluorescence from an Excited-State Intramolecular Proton Transfer System. <i>ACS Central Science</i> , 2017 , 3, 769-777	16.8	103
63	Thermally activated delayed fluorescence of Bis(9,9-dimethyl-9,10-dihydroacridine) dibenzo[b,d]thiophene 5,5-dioxide derivatives for organic light-emitting diodes. <i>Journal of Luminescence</i> , 2017 , 190, 485-491	3.8	6
62	Near-Infrared Electrophosphorescence up to 1.1 μm using a Thermally Activated Delayed Fluorescence Molecule as Triplet Sensitizer. <i>Advanced Materials</i> , 2017 , 29, 1604265	24	38
61	Long-lived efficient delayed fluorescence organic light-emitting diodes using n-type hosts. <i>Nature Communications</i> , 2017 , 8, 2250	17.4	120
60	Boron Difluoride Complexes of Expanded N-Confused Calix[n]phyrins That Demonstrate Unique Luminescent and Lasing Properties. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12045-9	16.4	31
59	Thermally Activated Delayed Fluorescence from Pentacarbazorylbenzotrile. <i>Chemistry Letters</i> , 2016 , 45, 770-772	1.7	5
58	Color Tuning of Avobenzene Boron Difluoride as an Emitter to Achieve Full-Color Emission. <i>Advanced Functional Materials</i> , 2016 , 26, 6703-6710	15.6	71
57	Application of wide-energy-gap material 3,4-di(9H-carbazol-9-yl) benzonitrile in organic light-emitting diodes. <i>Thin Solid Films</i> , 2016 , 619, 120-124	2.2	9
56	58-2: Revealing the Excited-state Dynamics of Thermally Activated Delayed Fluorescence Molecules by using Transient Absorption Spectroscopy. <i>Digest of Technical Papers SID International Symposium</i> , 2016 , 47, 786-789	0.5	8
55	Benzimidazobenzothiazole-Based Bipolar Hosts to Harvest Nearly All of the Excitons from Blue Delayed Fluorescence and Phosphorescent Organic Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6864-8	16.4	106
54	Benzimidazobenzothiazole-Based Bipolar Hosts to Harvest Nearly All of the Excitons from Blue Delayed Fluorescence and Phosphorescent Organic Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2016 , 128, 6978-6982	3.6	20
53	Effect of Joule heating on transient current and electroluminescence in p-i-n organic light-emitting diodes under pulsed voltage operation. <i>Organic Electronics</i> , 2016 , 31, 287-294	3.5	20
52	Quantification of temperature rise in unipolar organic conductors during short voltage-pulse excitation using electrical testing methods. <i>Organic Electronics</i> , 2016 , 31, 191-197	3.5	14
51	Long-range coupling of electron-hole pairs in spatially separated organic donor-acceptor layers. <i>Science Advances</i> , 2016 , 2, e1501470	14.3	73

50	Low threshold amplified spontaneous emission and ambipolar charge transport in non-volatile liquid fluorene derivatives. <i>Chemical Communications</i> , 2016 , 52, 3103-6	5.8	31
49	Effect of reverse intersystem crossing rate to suppress efficiency roll-off in organic light-emitting diodes with thermally activated delayed fluorescence emitters. <i>Chemical Physics Letters</i> , 2016 , 644, 62-67	7.5	76
48	Magnesium-gold binary alloy for organic light-emitting diodes with high corrosion resistance. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2016 , 34, 040607	1.3	3
47	Role of intermediate state in the excited state dynamics of highly efficient TADF molecules 2016 ,		2
46	Tunable OLEDs: Color Tuning of Avobenzene Boron Difluoride as an Emitter to Achieve Full-Color Emission (Adv. Funct. Mater. 37/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 6847-6847	15.6	
45	Suppression of roll-off characteristics of organic light-emitting diodes by narrowing current injection/transport area to 50 nm. <i>Applied Physics Letters</i> , 2015 , 106, 093301	3.4	41
44	Highly efficient blue electroluminescence based on thermally activated delayed fluorescence. <i>Nature Materials</i> , 2015 , 14, 330-6	27	886
43	Light Amplification in an Organic Solid-State Film with the Aid of Triplet-to-Singlet Upconversion. <i>Advanced Optical Materials</i> , 2015 , 3, 1381-1388	8.1	37
42	High-Efficiency Sky-Blue Organic Light-Emitting Diodes Utilizing Thermally-Activated Delayed Fluorescence. <i>IEICE Transactions on Electronics</i> , 2015 , E98.C, 971-976	0.4	6
41	High Performance Organic Light-emitting Diodes Based on Thermally-activated Delayed Fluorescence Materials. <i>Journal of the Vacuum Society of Japan</i> , 2015 , 58, 73-78		
40	Controlled emission colors and singlet-triplet energy gaps of dihydrophenazine-based thermally activated delayed fluorescence emitters. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 2175-2181	7.1	111
39	High-efficiency white organic light-emitting diodes based on a blue thermally activated delayed fluorescent emitter combined with green and red fluorescent emitters. <i>Advanced Materials</i> , 2015 , 27, 2019-23	24	212
38	Introduction of oxygen into organic thin films with the aim of suppressing singlet-triplet annihilation. <i>Chemical Physics Letters</i> , 2015 , 624, 43-46	2.5	10
37	Dual enhancement of electroluminescence efficiency and operational stability by rapid upconversion of triplet excitons in OLEDs. <i>Scientific Reports</i> , 2015 , 5, 8429	4.9	176
36	High-efficiency organic light-emitting diodes with fluorescent emitters. <i>Nature Communications</i> , 2014 , 5, 4016	17.4	652
35	Light-emitting organic field-effect transistors based on highly luminescent single crystals of thiophene/phenylene co-oligomers. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4918	7.1	54
34	Dual Intramolecular Charge-Transfer Fluorescence Derived from a Phenothiazine-Triphenyltriazine Derivative. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 15985-15994	3.8	204
33	High-efficiency white organic light-emitting diodes using thermally activated delayed fluorescence. <i>Applied Physics Letters</i> , 2014 , 104, 233304	3.4	111

32	Analysis of alternating current driven electroluminescence in organic light emitting diodes: A comparative study. <i>Organic Electronics</i> , 2014 , 15, 1815-1821	3.5	13
31	High-efficiency organic light-emitting diodes with blue fluorescent emitter 2014 ,		1
30	Organic Light-Emitting Transistors for Next-Generation Photonic Devices. <i>Journal of the Japan Society of Colour Material</i> , 2014 , 87, 436-441	0	
29	Analysis of exciton annihilation in high-efficiency sky-blue organic light-emitting diodes with thermally activated delayed fluorescence. <i>Organic Electronics</i> , 2013 , 14, 2721-2726	3.5	354
28	Twisted Intramolecular Charge Transfer State for Long-Wavelength Thermally Activated Delayed Fluorescence. <i>Chemistry of Materials</i> , 2013 , 25, 3766-3771	9.6	253
27	Multi-color light-emitting transistors composed of organic single crystals. <i>Organic Electronics</i> , 2013 , 14, 2737-2742	3.5	19
26	Amplified Spontaneous Emission: Amplified Spontaneous Emission and Electroluminescence from Thiophene/Phenylene Co-Oligomer-Doped p-bis(p-Styrylstyryl)Benzene Crystals (Advanced Optical Materials 6/2013). <i>Advanced Optical Materials</i> , 2013 , 1, 469-469	8.1	1
25	Light-Emitting Organic Crystal Field-Effect Transistors for Future Organic Injection Lasers 2013 , 603-621		1
24	Amplified Spontaneous Emission and Electroluminescence from Thiophene/Phenylene Co-Oligomer-Doped p-bis(p-Styrylstyryl)Benzene Crystals. <i>Advanced Optical Materials</i> , 2013 , 1, 422-427	8.1	23
23	Promising operational stability of high-efficiency organic light-emitting diodes based on thermally activated delayed fluorescence. <i>Scientific Reports</i> , 2013 , 3, 2127	4.9	264
22	Capacitance-voltage characteristics of a 4,4'-bis[(N-carbazole)styryl]biphenyl based organic light-emitting diode: Implications for characteristic times and their distribution. <i>Applied Physics Letters</i> , 2013 , 103, 093301	3.4	27
21	Formation of organic crystalline nanopillar arrays and their application to organic photovoltaic cells. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 80-3	9.5	44
20	Photophysical characteristics of 4,4'-bis(N-carbazolyl)tolan derivatives and their application in organic light emitting diodes. <i>Journal of Luminescence</i> , 2011 , 131, 1520-1524	3.8	11
19	Highly conductive interface between a rubrene single crystal and a molybdenum oxide layer and its application in transistors. <i>Solid State Communications</i> , 2011 , 151, 93-96	1.6	13
18	Organic light-emitting diodes containing multilayers of organic single crystals. <i>Applied Physics Letters</i> , 2010 , 96, 053301	3.4	42
17	Emission Color Tuning in Ambipolar Organic Single-Crystal Field-Effect Transistors by Dye-Doping. <i>Advanced Functional Materials</i> , 2010 , 20, 1610-1615	15.6	70
16	Tuning of threshold voltage by interfacial carrier doping in organic single crystal ambipolar light-emitting transistors and their bright electroluminescence. <i>Applied Physics Letters</i> , 2009 , 95, 103307 ³⁻⁴		55
15	Low-Threshold Blue Emission from First-Order Organic DFB Laser Using 2,7-bis[4-(N-carbazole)phenylvinyl]-9,9'-Spirobifluorene as Active Gain Medium. <i>Molecular Crystals and Liquid Crystals</i> , 2009 , 504, 1-8	0.5	

14	Highly balanced ambipolar mobilities with intense electroluminescence in field-effect transistors based on organic single crystal oligo(p-phenylenevinylene) derivatives. <i>Applied Physics Letters</i> , 2009 , 95, 033308	3.4	69
13	Effect of Molecular Morphology on Amplified Spontaneous Emission of Bis-Styrylbenzene Derivatives. <i>Advanced Materials</i> , 2009 , 21, 4034-4038	2.4	131
12	Blue-Light-Emitting Ambipolar Field-Effect Transistors Using an Organic Single Crystal of 1,4-Bis(4-methylstyryl)benzene. <i>Applied Physics Express</i> , 2008 , 1, 091801	2.4	56
11	Extremely Low-Threshold Amplified Spontaneous Emission of 9,9?-Spirobifluorene Derivatives and Electroluminescence from Field-Effect Transistor Structure. <i>Advanced Functional Materials</i> , 2007 , 17, 2328-2335	15.6	111
10	Very low amplified spontaneous emission threshold and electroluminescence characteristics of 1,1?-diphenyl substituted fluorene derivatives. <i>Optical Materials</i> , 2007 , 30, 630-636	3.3	10
9	Spectrally Narrow Emission at Cutoff Wavelength from Edge of Electrically Pumped Organic Light-Emitting Diodes. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, L826-L829	1.4	16
8	Spectrally narrow emission from organic films under continuous-wave excitation. <i>Applied Physics Letters</i> , 2007 , 90, 231109	3.4	37
7	Ambipolar field-effect transistor based on organic-inorganic hybrid structure. <i>Applied Physics Letters</i> , 2007 , 90, 262104	3.4	40
6	Material and device structure design aiming for realization of organic semiconductor laser. <i>The Review of Laser Engineering</i> , 2007 , 35, 27-28	0	
5	Optical and Electrical Properties of Bis(4-(phenylethynyl)phenyl)ethynes and Their Application to Organic Field-Effect Transistors. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, L1331-L1333	1.4	10
4	Injection and Transport of High Current Density over 1000 A/cm ² in Organic Light Emitting Diodes under Pulse Excitation. <i>Japanese Journal of Applied Physics</i> , 2005 , 44, 3659-3662	1.4	43
3	Low lasing threshold in organic distributed feedback solid state lasers using bisstyrylbenzene derivative as active material 2005 ,		8
2	Singlet-singlet and singlet-triplet annihilations in fluorescence-based organic light-emitting diodes under steady-state high current density. <i>Applied Physics Letters</i> , 2005 , 86, 213506	3.4	83
1	Highly Efficient Deep-Blue Organic Light-Emitting Diodes Based on Rational Molecular Design and Device Engineering. <i>Advanced Functional Materials</i> , 2004 , 14, 2204352	15.6	0