

Hajime Nakanotani

List of Publications by Citations

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121
papers

7,545
citations

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h-index

86
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133
ext. papers

9,046
ext. citations

8.8
avg, IF

6.53
L-index

#	Paper	IF	Citations
121	Highly efficient blue electroluminescence based on thermally activated delayed fluorescence. <i>Nature Materials</i> , 2015 , 14, 330-6	27	886
120	High-efficiency organic light-emitting diodes with fluorescent emitters. <i>Nature Communications</i> , 2014 , 5, 4016	17.4	652
119	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
118	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
117	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
116	Twisted Intramolecular Charge Transfer State for Long-Wavelength Thermally Activated Delayed Fluorescence. <i>Chemistry of Materials</i> , 2013 , 25, 3766-3771	9.6	253
115	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
114	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
113	Excited state engineering for efficient reverse intersystem crossing. <i>Science Advances</i> , 2018 , 4, eaao6910	14.3	192
112	Evidence and mechanism of efficient thermally activated delayed fluorescence promoted by delocalized excited states. <i>Science Advances</i> , 2017 , 3, e1603282	14.3	177
111	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
110	Nanosecond-time-scale delayed fluorescence molecule for deep-blue OLEDs with small efficiency rolloff. <i>Nature Communications</i> , 2020 , 11, 1765	17.4	159
109	Rational Molecular Design for Deep-Blue Thermally Activated Delayed Fluorescence Emitters. <i>Advanced Functional Materials</i> , 2018 , 28, 1706023	15.6	155
108	Fast spin-flip enables efficient and stable organic electroluminescence from charge-transfer states. <i>Nature Photonics</i> , 2020 , 14, 636-642	33.9	154
107	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
106	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
105	Effect of Molecular Morphology on Amplified Spontaneous Emission of Bis-Styrylbenzene Derivatives. <i>Advanced Materials</i> , 2009 , 21, 4034-4038	24	131

104	Long-lived efficient delayed fluorescence organic light-emitting diodes using n-type hosts. <i>Nature Communications</i> , 2017 , 8, 2250	17.4	120
103	High-efficiency white organic light-emitting diodes using thermally activated delayed fluorescence. <i>Applied Physics Letters</i> , 2014 , 104, 233304	3.4	111
102	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
101	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
100	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
99	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
98	Singlet-singlet and singlet-heat 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
97	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
96	Donor-Acceptor Motifs: Thermally Activated Delayed Fluorescence Emitters with Dual Upconversion. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16536-16540	16.4	81
95	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	2.5	76
94	Long-range coupling of electron-hole pairs in spatially separated organic donor-acceptor layers. <i>Science Advances</i> , 2016 , 2, e1501470	14.3	73
93	Controlling Singlet-Triplet Energy Splitting for Deep-Blue Thermally Activated Delayed Fluorescence Emitters. <i>Angewandte Chemie</i> , 2017 , 129, 1593-1597	3.6	72
92	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
91	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
90	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
89	Exploiting Singlet Fission in Organic Light-Emitting Diodes. <i>Advanced Materials</i> , 2018 , 30, e1801484	24	66
88	Light Amplification in Molecules Exhibiting Thermally Activated Delayed Fluorescence. <i>Advanced Optical Materials</i> , 2017 , 5, 1700051	8.1	63
87	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

- 86 The Importance of Excited-State Energy Alignment for Efficient Exciplex Systems Based on a Study of Phenylpyridinato Boron Derivatives. *Angewandte Chemie - International Edition*, **2018**, 57, 12380-12384 16.4 63
- 85 Blue-Light-Emitting Ambipolar Field-Effect Transistors Using an Organic Single Crystal of 1,4-Bis(4-methylstyryl)benzene. *Applied Physics Express*, **2008**, 1, 091801 2.4 56
- 84 Tuning of threshold voltage by interfacial carrier doping in organic single crystal ambipolar light-emitting transistors and their bright electroluminescence. *Applied Physics Letters*, **2009**, 95, 103307 3.4 55
- 83 Light-emitting organic field-effect transistors based on highly luminescent single crystals of thiophene/phenylene co-oligomers. *Journal of Materials Chemistry C*, **2014**, 2, 4918 7.1 54
- 82 Near-infrared organic light-emitting diodes for biosensing with high operating stability. *Applied Physics Express*, **2017**, 10, 074101 2.4 51
- 81 Highly Efficient Near-Infrared Electrofluorescence from a Thermally Activated Delayed Fluorescence Molecule. *Angewandte Chemie - International Edition*, **2021**, 60, 8477-8482 16.4 51
- 80 Formation of organic crystalline nanopillar arrays and their application to organic photovoltaic cells. *ACS Applied Materials & Interfaces*, **2011**, 3, 80-3 9.5 44
- 79 Injection and Transport of High Current Density over 1000 A/cm² in Organic Light Emitting Diodes under Pulse Excitation. *Japanese Journal of Applied Physics*, **2005**, 44, 3659-3662 1.4 43
- 78 Organic light-emitting diodes containing multilayers of organic single crystals. *Applied Physics Letters*, **2010**, 96, 053301 3.4 42
- 77 Suppression of roll-off characteristics of organic light-emitting diodes by narrowing current injection/transport area to 50 nm. *Applied Physics Letters*, **2015**, 106, 093301 3.4 41
- 76 Ambipolar field-effect transistor based on organic-inorganic hybrid structure. *Applied Physics Letters*, **2007**, 90, 262104 3.4 40
- 75 Near-Infrared Electrophosphorescence up to 1.1 μm using a Thermally Activated Delayed Fluorescence Molecule as Triplet Sensitizer. *Advanced Materials*, **2017**, 29, 1604265 24 38
- 74 Light Amplification in an Organic Solid-State Film with the Aid of Triplet-to-Singlet Upconversion. *Advanced Optical Materials*, **2015**, 3, 1381-1388 8.1 37
- 73 Spectrally narrow emission from organic films under continuous-wave excitation. *Applied Physics Letters*, **2007**, 90, 231109 3.4 37
- 72 Boron Difluoride Complexes of Expanded N-Confused Calix[n]phyrins That Demonstrate Unique Luminescent and Lasing Properties. *Angewandte Chemie - International Edition*, **2016**, 55, 12045-9 16.4 31
- 71 Low threshold amplified spontaneous emission and ambipolar charge transport in non-volatile liquid fluorene derivatives. *Chemical Communications*, **2016**, 52, 3103-6 5.8 31
- 70 Suppression of Structural Change upon S-T Conversion Assists the Thermally Activated Delayed Fluorescence Process in Carbazole-Benzotrile Derivatives. *Journal of Physical Chemistry Letters*, **2019**, 10, 2475-2480 6.4 30
- 69 Thermally-activated Delayed Fluorescence for Light-emitting Devices. *Chemistry Letters*, **2021**, 50, 938-948 29

68	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
67	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
66	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
65	Photoluminescence Quenching Probes Spin Conversion and Exciton Dynamics in Thermally Activated Delayed Fluorescence Materials. <i>Advanced Materials</i> , 2019 , 31, e1804490	24	25
64	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
63	Donor-Acceptor Motifs: Thermally Activated Delayed Fluorescence Emitters with Dual Upconversion. <i>Angewandte Chemie</i> , 2017 , 129, 16763-16767	3.6	22
62	Slow recombination of spontaneously dissociated organic fluorophore excitons. <i>Nature Communications</i> , 2019 , 10, 5748	17.4	21
61	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
60	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
59	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
58	Multi-color light-emitting transistors composed of organic single crystals. <i>Organic Electronics</i> , 2013 , 14, 2737-2742	3.5	19
57	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
56	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
55	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, 2001050	6.4	19
54	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
53	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
52	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
51	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

50	Highly Efficient Thermally Activated Delayed Fluorescence with Slow Reverse Intersystem Crossing. <i>Chemistry Letters</i> , 2019 , 48, 126-129	1.7	15
49	Understanding degradation of organic light-emitting diodes from magnetic field effects. <i>Communications Materials</i> , 2020 , 1,	6	14
48	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
47	Photostable and highly emissive glassy organic dots exhibiting thermally activated delayed fluorescence. <i>Chemical Communications</i> , 2019 , 55, 5215-5218	5.8	13
46	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
45	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
44	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
43	Highly Efficient Near-Infrared Electrofluorescence from a Thermally Activated Delayed Fluorescence Molecule. <i>Angewandte Chemie</i> , 2021 , 133, 8558-8563	3.6	13
42	Utilization of Multi-Heterodonors 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
41	Thermally Activated Delayed Fluorescence Properties of Trioxoazatriangulene Derivatives Modified with Electron Donating Groups. <i>Advanced Optical Materials</i> , 2021 , 9, 2002174	8.1	12
40	Molecular Design for Blue Thermal Activated Delayed Fluorescence Materials: Substitution Position Effect. <i>Chemistry Letters</i> , 2017 , 46, 1490-1492	1.7	11
39	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
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	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
36	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
35	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
34	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
33	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

32	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
31	Low lasing threshold in organic distributed feedback solid state lasers using bisstyrylbenzene derivative as active material 2005 ,		8
30	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
29	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
28	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
27	Role of Spontaneous Orientational Polarization in Organic Donor-Acceptor Blends for Exciton Binding. <i>Advanced Optical Materials</i> , 2020 , 8, 2000896	8.1	6
26	Thermally Activated Delayed Fluorescence from Pentacarbazorylbenzonitrile. <i>Chemistry Letters</i> , 2016 , 45, 770-772	1.7	5
25	Efficiency of Thermally Activated Delayed Fluorescence Sensitized Triplet Upconversion Doubled in Three-Component System. <i>Advanced Materials</i> , 2021 , e2103976	24	5
24	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
23	Well-ordered films of disk-shaped thermally activated delayed fluorescence molecules. <i>Journal of Photonics for Energy</i> , 2018 , 8, 1	1.2	3
22	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
21	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
20	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
19	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
18	Role of intermediate state in the excited state dynamics of highly efficient TADF molecules 2016 ,		2
17	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
16	Amplified spontaneous emission from oligo(p-phenylenevinylene) derivatives. <i>Materials Advances</i> , 2021 , 2, 3906-3914	3.3	2
15	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

14	High-efficiency organic light-emitting diodes with blue fluorescent emitter 2014 ,	1
13	Light-Emitting Organic Crystal Field-Effect Transistors for Future Organic Injection Lasers 2013 , 603-621	1
12	Significant role of spin-triplet state for exciton dissociation in organic solids.. <i>Science Advances</i> , 2022 , 8, eabj9188	14.3 1
11	Tetrabenzo[a,c]phenazine Backbone for Highly Efficient OrangeRed Thermally Activated Delayed Fluorescence with Completely Horizontal Molecular Orientation. <i>Angewandte Chemie</i> , 2021 , 133, 19513-19522 ^o	3.6
10	Highly Efficient Deep-Blue Organic Light-Emitting Diodes Based on Rational Molecular Design and Device Engineering. <i>Advanced Functional Materials</i> , 2204352	15.6 0
9	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
8	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	
7	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
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	Organic Light-Emitting Transistors for Next-Generation Photonic Devices. <i>Journal of the Japan Society of Colour Material</i> , 2014 , 87, 436-441	0
4	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
3	19-1: Invited Paper: Stable Pure-Blue Hyperfluorescence OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2021 , 52, 224-227	0.5
2	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
1	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