

# Molecular Design Strategy of Organic Thermally Activated

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent progress of green thermally activated delayed fluorescent emitters. <i>Journal of Information Display</i> , 2017, 18, 101-117.	2.1	58
2	Benzoisoquinoline-1,3-dione acceptor based red thermally activated delayed fluorescent emitters. <i>Dyes and Pigments</i> , 2017, 144, 212-217.	2.0	31
3	Aromatic Imide-Based Thermally Activated Delayed Fluorescence Materials for Highly Efficient Organic Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8818-8822.	7.2	118
4	Aromatic Imide-Based Thermally Activated Delayed Fluorescence Materials for Highly Efficient Organic Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2017, 129, 8944-8948.	1.6	20
5	Blue-to-Green Delayed Fluorescence of 2-Aminoisophthalic Acid Diesters Dispersed in Polymer Film. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4695-4702.	1.2	4
6	Scale-up Chemical Synthesis of Thermally-activated Delayed Fluorescence Emitters Based on the Dibenzothiophene-S,S-Dioxide Core. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	3
7	A new molecular design based on hybridized local and charge transfer fluorescence for highly efficient (>6%) deep-blue organic light emitting diodes. <i>Chemical Communications</i> , 2017, 53, 11802-11805.	2.2	75
8	Impact of Donor Substitution Pattern on the TADF Properties in the Carbazolyl-Substituted Triazine Derivatives. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23618-23625.	1.5	52
9	Sulfone-Based Deep Blue Thermally Activated Delayed Fluorescence Emitters: Solution-Processed Organic Light-Emitting Diodes with High Efficiency and Brightness. <i>Chemistry of Materials</i> , 2017, 29, 9154-9161.	3.2	69
10	Achieving Hybridized Local and Charge-Transfer Excited State and Excellent OLED Performance Through Facile Doping. <i>Advanced Optical Materials</i> , 2017, 5, 1700466.	3.6	25
11	New Molecular Design Concurrently Providing Superior Pure Blue, Thermally Activated Delayed Fluorescence and Optical Out-Coupling Efficiencies. <i>Journal of the American Chemical Society</i> , 2017, 139, 10948-10951.	6.6	361
12	Isobenzofuranone- and Chromone-Based Blue Delayed Fluorescence Emitters with Low Efficiency Roll-Off in Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2017, 29, 8012-8020.	3.2	68
13	Climbing up the Ladder: Intermediate Triplet States Promote the Reverse Intersystem Crossing in the Efficient TADF Emitter ACRSA. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21145-21153.	1.5	57
14	Highly Luminescent Pincer Gold(III) Aryl Emitters: Thermally Activated Delayed Fluorescence and Solution-Processed OLEDs. <i>Angewandte Chemie</i> , 2017, 129, 14224-14229.	1.6	38
15	Highly Luminescent Pincer Gold(III) Aryl Emitters: Thermally Activated Delayed Fluorescence and Solution-Processed OLEDs. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14036-14041.	7.2	133
16	Roller-Wheel-Type Pt-Containing Small Molecules and the Impact of Rollers on Material Crystallinity, Electronic Properties, and Solar Cell Performance. <i>Journal of the American Chemical Society</i> , 2017, 139, 14109-14119.	6.6	20
17	Efficient and high colour-purity green-light polymer light-emitting diodes (PLEDs) based on a PVK-supported Tb <sup>3+</sup> -containing metallopolymer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9021-9027.	2.7	21
18	Blue Thermally Activated Delayed Fluorescence Polymers with Nonconjugated Backbone and Through-Space Charge Transfer Effect. <i>Journal of the American Chemical Society</i> , 2017, 139, 17739-17742.	6.6	311

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19	A directly coupled dual emitting core based molecular design of thermally activated delayed fluorescent emitters. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12143-12150.	2.7	17
20	Molecular engineering of pyrimidine-containing thermally activated delayed fluorescence emitters for highly efficient deep-blue (CIE $y < 0.06$ ) organic light-emitting diodes. <i>Dyes and Pigments</i> , 2018, 155, 51-58.	2.0	35
21	Benzazasiline combined with triphenylborane-based cores for constructing deep-blue donor-acceptor-donor TADF emitters. <i>Organic Electronics</i> , 2018, 57, 74-81.	1.4	9
22	4-Diphenylaminocarbazole: Switching Substituent Position for Voltage Reduction and Efficiency Enhancement of OLEDs. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 8893-8900.	4.0	14
23	Design of Conjugated Molecules Presenting Short-Wavelength Luminescence by Utilizing Heavier Atoms of the Same Element Group. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1342-1347.	1.7	17
24	A Methodological Study on Tuning the Thermally Activated Delayed Fluorescent Performance by Molecular Constitution in Acridine-Benzophenone Derivatives. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1187-1191.	1.7	12
25	Recent progress in solution processable TADF materials for organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5577-5596.	2.7	370
26	The role of fluorine-substitution on the $\pi$ -bridge in constructing effective thermally activated delayed fluorescence molecules. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5536-5541.	2.7	29
27	Managing Orientation of Nitrogens in Bipyrimidine-Based Thermally Activated Delayed Fluorescent Emitters To Suppress Nonradiative Mechanisms. <i>Chemistry of Materials</i> , 2018, 30, 3215-3222.	3.2	43
28	Highly efficient thermally activated delayed fluorescence emitters based on novel Indolo[2,3-b]acridine electron-donor. <i>Organic Electronics</i> , 2018, 57, 327-334.	1.4	13
29	All-organic thermally activated delayed fluorescence materials for organic light-emitting diodes. <i>Nature Reviews Materials</i> , 2018, 3, .	23.3	1,097
30	Deep blue thermally activated delayed fluorescent emitters using CN-modified indolocarbazole as an acceptor and carbazole-derived donors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5012-5017.	2.7	53
31	Molecular Design of Deep Blue Thermally Activated Delayed Fluorescence Materials Employing a Homoconjugative Triptycene Scaffold and Dihedral Angle Tuning. <i>Chemistry of Materials</i> , 2018, 30, 1462-1466.	3.2	71
32	Thermally Activated Delayed Fluorescence Conjugated Polymers with Backbone-Donor/Pendant-Acceptor Architecture for Nondoped OLEDs with High External Quantum Efficiency and Low Roll-Off. <i>Advanced Functional Materials</i> , 2018, 28, 1706916.	7.8	113
33	Highly Efficient Red-Orange Delayed Fluorescence Emitters Based on Strong $\pi$ -Accepting Dibenzophenazine and Dibenzoquinoxaline Cores: toward a Rational Pure-Red OLED Design. <i>Advanced Optical Materials</i> , 2018, 6, 1701147.	3.6	169
34	Prediction of Intramolecular Charge-Transfer Excitation for Thermally Activated Delayed Fluorescence Molecules from a Descriptor-Tuned Density Functional. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7816-7823.	1.5	36
35	Molecular engineering of phosphacycle-based thermally activated delayed fluorescence materials for deep-blue OLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3578-3583.	2.7	32
36	Thermally Activated Delayed Fluorescence Pendant Copolymers with Electron- and Hole-Transporting Spacers. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5731-5739.	4.0	47

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37	Strategies for the Molecular Design of Donor–Acceptor-type Fluorescent Emitters for Efficient Deep Blue Organic Light Emitting Diodes. <i>Chemistry of Materials</i> , 2018, 30, 857-863.	3.2	85
38	Realizing efficient red thermally activated delayed fluorescence organic light-emitting diodes using phenoxazine/phenothiazine-phenanthrene hybrids. <i>Organic Electronics</i> , 2018, 59, 32-38.	1.4	35
39	Boron-based donor-spiro-acceptor compounds exhibiting thermally activated delayed fluorescence (TADF). <i>Dalton Transactions</i> , 2018, 47, 10394-10398.	1.6	42
40	Carbene–Metal–Amide Bond Deformation, Rather Than Ligand Rotation, Drives Delayed Fluorescence. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1620-1626.	2.1	57
41	Efficient non-doped yellow OLEDs based on thermally activated delayed fluorescence conjugated polymers with an acridine/carbazole donor backbone and triphenyltriazine acceptor pendant. <i>Journal of Materials Chemistry C</i> , 2018, 6, 568-574.	2.7	61
42	Triplet emitters versus TADF emitters in OLEDs: A comparative study. <i>Polyhedron</i> , 2018, 140, 51-66.	1.0	61
43	Cyanide-Assembled $10^6$ Coordination Polymers and Cycles: Excited State Metallophilic Modulation of Solid-State Luminescence. <i>Chemistry - A European Journal</i> , 2018, 24, 1404-1415.	1.7	40
44	Marching Toward Highly Efficient, Pure Blue, and Stable Thermally Activated Delayed Fluorescent Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2018, 28, 1802558.	7.8	489
45	Organometallic vs organic photoredox catalysts for photocuring reactions in the visible region. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 3025-3046.	1.3	40
46	Experimental Evidence for “Hot Exciton” Thermally Activated Delayed Fluorescence Emitters. <i>Advanced Optical Materials</i> , 2019, 7, 1801190.	3.6	56
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48	Efficient and stable sky-blue delayed fluorescence organic light-emitting diodes with CIE <sub>y</sub> below 0.4. <i>Nature Communications</i> , 2018, 9, 5036.	5.8	113
49	Dihedral Angle Control of Blue Thermally Activated Delayed Fluorescent Emitters through Donor Substitution Position for Efficient Reverse Intersystem Crossing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 35420-35429.	4.0	74
50	A Toolbox Approach To Construct Broadly Applicable Metal-Free Catalysts for Photoredox Chemistry: Deliberate Tuning of Redox Potentials and Importance of Halogens in Donor–Acceptor Cyanoarenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 15353-15365.	6.6	435
51	Aggregation, thermal annealing, and hosting effects on performances of an acridan-based TADF emitter. <i>Organic Electronics</i> , 2018, 63, 29-40.	1.4	49
52	Manipulating the positions of CH <sub>2</sub> N in acceptors of pyrimidine–pyridine hybrids for highly efficient sky-blue thermally activated delayed fluorescent OLEDs. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2054-2062.	3.2	26
53	Room temperature phosphorescence vs. thermally activated delayed fluorescence in carbazole–pyrimidine cored compounds. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11128-11136.	2.7	32
54	Isomeric spiro-[acridine-9,9-difluorene]-2,6-dipyridylpyrimidine based TADF emitters: insights into photophysical behaviors and OLED performances. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10088-10100.	2.7	46

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55	Recent development of phenanthroimidazole-based fluorophores for blue organic light-emitting diodes (OLEDs): an overview. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10138-10173.	2.7	212
56	Rational Molecular Design for Efficient Exciton Harvesting, and Deep Blue OLED Application. <i>Advanced Optical Materials</i> , 2018, 6, 1800342.	3.6	80
57	A high fluorescence rate is key for stable blue organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7728-7733.	2.7	43
58	Red thermally activated delayed fluorescence polymers containing 9H-thioxanthen-9-one-10,10-dioxide acceptor group as pendant or incorporated in backbone. <i>Organic Electronics</i> , 2018, 59, 406-413.	1.4	24
59	P&#x2013;172: Geometry Control and Chemical Bond Stabilization of Thermally Activated Delayed Fluorescent Emitter to Get Extended Lifetime in TADF OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 1807-1810.	0.1	1
60	Peripheral Amplification of Multi-Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11316-11320.	7.2	314
61	Recent Progress of Highly Efficient Red and Near-Infrared Thermally Activated Delayed Fluorescent Emitters. <i>Advanced Optical Materials</i> , 2018, 6, 1800255.	3.6	243
62	Ionic Organic Small Molecules as Hosts for Light-Emitting Electrochemical Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24699-24707.	4.0	25
63	Organic emitter integrating aggregation-induced delayed fluorescence and room-temperature phosphorescence characteristics, and its application in time-resolved luminescence imaging. <i>Chemical Science</i> , 2018, 9, 6150-6155.	3.7	111
64	High-Performance Dibenzoheteraborin-Based Thermally Activated Delayed Fluorescence Emitters: Molecular Architectonics for Concurrently Achieving Narrowband Emission and Efficient Triplet-Singlet Spin Conversion. <i>Advanced Functional Materials</i> , 2018, 28, 1802031.	7.8	264
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66	Peripheral Amplification of Multi-Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. <i>Angewandte Chemie</i> , 2018, 130, 11486-11490.	1.6	77
67	(Deep) blue through-space conjugated TADF emitters based on [2.2]paracyclophanes. <i>Chemical Communications</i> , 2018, 54, 9278-9281.	2.2	106
68	Achieving Efficient Triplet Exciton Utilization with Large $\tau$ and Nonobvious Delayed Fluorescence by Adjusting Excited State Energy Levels. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4725-4731.	2.1	69
69	Ternary Acceptor-Donor-Acceptor Asymmetrical Phenanthroimidazole Molecule for Highly Efficient Near-Ultraviolet Electroluminescence with External Quantum Efficiency (EQE) >4%. <i>Chemistry - A European Journal</i> , 2018, 24, 15566-15571.	1.7	17
70	New red-emitting Schiff base chelates: promising dyes for sensing and imaging of temperature and oxygen via phosphorescence decay time. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8999-9009.	2.7	35
71	Probe exciplex structure of highly efficient thermally activated delayed fluorescence organic light emitting diodes. <i>Nature Communications</i> , 2018, 9, 3111.	5.8	112
72	Energy Transfer Dynamics in Triplet-Triplet Annihilation Upconversion Using a Bichromophoric Heavy-Atom-Free Sensitizer. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6673-6682.	1.1	40

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74	Aggregation-induced emission and thermally activated delayed fluorescence of 2,6-diaminobenzophenones. <i>Science China Chemistry</i> , 2018, 61, 925-931.	4.2	12
75	Small Molecule Emitters with High Quantum Efficiency: Mechanisms, Structures, and Applications in OLED Devices. <i>Advanced Optical Materials</i> , 2018, 6, 1800512.	3.6	201
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77	Photoinduced Energy and Electron Transfer Between a Photoactive Cage Based on a Thermally Activate Delayed Fluorescence Ligand and Encapsulated Fluorescent Dyes. <i>ACS Applied Energy Materials</i> , 2018, 1, 2971-2978.	2.5	29
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79	A simple and broadly applicable synthesis of fluorene-coupled D <sup>π</sup> A type molecules: towards high-triplet-energy bipolar hosts for efficient blue thermally-activated delayed fluorescence. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6949-6957.	2.7	12
80	<i>Nido</i> -Carboranes: Donors for Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12483-12488.	7.2	70
81	<i>Nido</i> -Carboranes: Donors for Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie</i> , 2018, 130, 12663-12668.	1.6	24
82	Synthesis and electroluminescent performance of thermally activated delayed fluorescence-conjugated polymers with simple formylphenyl as pendant acceptor. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1989-1996.	2.5	7
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84	Ultrahigh Power Efficiency Thermally Activated Delayed Fluorescent OLEDs by the Strategic Use of Electron-Transport Materials. <i>Advanced Optical Materials</i> , 2018, 6, 1800376.	3.6	28
85	Highly efficient Ce <sup>3+</sup> → Tb <sup>3+</sup> energy transfer induced bright narrowband green emissions from garnet-type Ca <sub>2</sub> YZr <sub>2</sub> (AlO <sub>4</sub> ) <sub>3</sub> :Ce <sup>3+</sup> ,Tb <sup>3+</sup> phosphors for white LEDs with high color rendering index. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10471-10480.	2.7	110
86	Difluoroboron-Enabled Thermally Activated Delayed Fluorescence. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 32209-32217.	4.0	46
87	Triazine-Acceptor-Based Green Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. <i>Materials</i> , 2019, 12, 2646.	1.3	21
88	Importance of Conformational Change in Excited States for Efficient Thermally Activated Delayed Fluorescence. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19322-19332.	1.5	26
89	Comparative analysis of various indolocarbazole-based emitters on thermally activated delayed fluorescence performances. <i>Organic Electronics</i> , 2019, 74, 282-289.	1.4	10
90	Revealing resonance effects and intramolecular dipole interactions in the positional isomers of benzonitrile-core thermally activated delayed fluorescence materials. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9184-9194.	2.7	42

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92	Two-channel emission controlled by a conjugation valve for the color switching of thermally activated delayed fluorescence emission. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9908-9916.	2.7	18
93	Triazatruxene-based thermally activated delayed fluorescence small molecules with aggregation-induced emission properties for solution-processable nondoped OLEDs with low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9719-9725.	2.7	26
94	Large Increase in External Quantum Efficiency by Dihedral Angle Tuning in a Sky-Blue Thermally Activated Delayed Fluorescence Emitter. <i>Advanced Optical Materials</i> , 2019, 7, 1900476.	3.6	25
95	Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100% Internal Quantum Efficiency. <i>Angewandte Chemie</i> , 2019, 131, 14802-14807.	1.6	40
96	Red/Near-Infrared Thermally Activated Delayed Fluorescence OLEDs with Near 100% Internal Quantum Efficiency. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14660-14665.	7.2	247
97	Solution processible triphenylphosphine-oxide-cored dendritic hosts featuring thermally activated delayed fluorescence for power-efficient blue electrophosphorescent devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9850-9855.	2.7	5
98	Efficient Orange-Red Thermally Activated Delayed Fluorescence Emitters Feasible for Both Thermal Evaporation and Solution Process. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 29086-29093.	4.0	57
99	Paradigm change of blue emitters: Thermally activated fluorescence emitters as long-living fluorescence emitters by triplet exciton quenching. <i>Organic Electronics</i> , 2019, 75, 105377.	1.4	18
100	Highly efficient deep-blue organic light-emitting diodes based on pyreno[4,5- <i>d</i> ]imidazole-anthracene structural isomers. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10273-10280.	2.7	43
101	Influence of Linked Bridges on Thermally Activated Delayed Fluorescence Characteristic for DCBPy Emitter. <i>Advanced Theory and Simulations</i> , 2019, 2, 1900076.	1.3	5
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103	Rational design of thermally activated delayed fluorescence emitters with aggregation-induced emission employing combined charge transfer pathways for fabricating efficient non-doped OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9413-9422.	2.7	24
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105	Red-Emitting Delayed Fluorescence and Room Temperature Phosphorescence from Core-Substituted Naphthalene Diimides. <i>Chemistry - A European Journal</i> , 2019, 25, 16007-16011.	1.7	34
106	Structure-properties relationship of tetrafluorostyrene-based monomers and polymers containing different donor moieties. <i>Reactive and Functional Polymers</i> , 2019, 143, 104323.	2.0	4
107	Thermally Activated Delayed Fluorescent Properties of Ortho-Carbazole-Appended Triazine Compounds. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 1112-1116.	1.0	1
108	Bis-tridentate Ir(III) Phosphors Bearing Two Fused Five-Six-Membered Metallacycles: A Strategy to Improved Photostability of Blue Emitters. <i>Chemistry - A European Journal</i> , 2019, 25, 15375-15386.	1.7	27

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109	Phenothiazine-based derivatives for optoelectronic applications: A review. <i>Synthetic Metals</i> , 2019, 257, 116189.	2.1	69
110	Facile Generation of Thermally Activated Delayed Fluorescence and Fabrication of Highly Efficient Non-Doped OLEDs Based on Triazine Derivatives. <i>Chemistry - A European Journal</i> , 2019, 25, 16699-16711.	1.7	21
111	Substitution Effect on Luminescence of 5-Hydroxyindeno[1,2-b]pyridinone Based Isomers. <i>ChemistrySelect</i> , 2019, 4, 9754-9761.	0.7	2
112	Getting the Right Twist: Influence of Donor-Acceptor Dihedral Angle on Exciton Kinetics and Singlet-Triplet Gap in Deep Blue Thermally Activated Delayed Fluorescence Emitter. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27778-27784.	1.5	40
113	Aggregation-Induced and Polymorphism-Dependent Thermally Activated Delayed Fluorescence (TADF) Characteristics of an Oligothiophene: Applications in Time-Dependent Live Cell Multicolour Imaging. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4588-4593.	1.7	16
114	Effect of a Pendant Acceptor on Thermally Activated Delayed Fluorescence Properties of Conjugated Polymers with Backbone-Donor/Pendant-Acceptor Architecture. <i>Chemistry - an Asian Journal</i> , 2019, 14, 574-581.	1.7	14
115	Suppression of benzophenone-induced triplet quenching for enhanced TADF performance. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11522-11531.	2.7	48
116	Effect of the Host on Deep-Blue Organic Light-Emitting Diodes Based on a TADF Emitter for Roll-Off Suppressing. <i>Nanomaterials</i> , 2019, 9, 1307.	1.9	9
117	Phthalimide-based $\pi$ -N-A-emitters with thermally activated delayed fluorescence and isomer-dependent room-temperature phosphorescence properties. <i>Chemical Communications</i> , 2019, 55, 12172-12175.	2.2	21
118	1,3,4-Oxadiazole-based Deep Blue Thermally Activated Delayed Fluorescence Emitters for Organic Light Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24772-24785.	1.5	21
119	Highly efficient electroluminescence from evaporation- and solution-processable orange-red thermally activated delayed fluorescence emitters. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12321-12327.	2.7	31
120	Achieving Conformational Control in Room-Temperature Phosphorescence and Thermally Activated Delayed Fluorescence Emitters by Functionalization of the Central Core. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26536-26546.	1.5	21
121	Isomeric thermally activated delayed fluorescence emitters based on indolo[2,3-b]acridine electron-donor: a compromising optimization for efficient orange-red organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2898-2904.	2.7	28
122	Convenient One-Pot Synthesis of 1,2,3,4-Thiatriazoles Towards a Novel Electron Acceptor for Highly Efficient Thermally Activated Delayed Fluorescence Emitters. <i>Chemistry - A European Journal</i> , 2019, 25, 2457-2462.	1.7	7
123	Recent Advances in Molecular Spintronics: Multifunctional Spintronic Devices. <i>Advanced Materials</i> , 2019, 31, e1805355.	11.1	96
124	Control of the dual emission from a thermally activated delayed fluorescence emitter containing phenothiazine units in organic light-emitting diodes. <i>RSC Advances</i> , 2019, 9, 4336-4343.	1.7	25
125	Rational design of high efficiency green to deep red/near-infrared emitting materials based on isomeric donor-acceptor chromophores. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1880-1887.	2.7	26
126	Emission wavelength dependence on the rISC rate in TADF compounds with large conformational disorder. <i>Chemical Communications</i> , 2019, 55, 1975-1978.	2.2	31



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127	Blue thermally activated delayed fluorescence emitters based on a constructing strategy with diversified donors and oxadiazole acceptor and their efficient electroluminescent devices. <i>Optical Materials</i> , 2019, 94, 103-112.	1.7	8
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129	Rational Molecular Design of Dibenzo[ <i>a,c</i> ]phenazine-Based Thermally Activated Delayed Fluorescence Emitters for Orange-Red OLEDs with EQE up to 22.0%. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 26144-26151.	4.0	73
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671	Dibenzo[ <i>b,d</i> ]furan/thiophene-fused double boron-based multiresonance emitters with narrowband ultrapure green electroluminescence. <i>Chemical Communications</i> , 2023, 59, 5126-5129.	2.2	6
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673	Triazolotriazine-based mixed host for pure-red phosphorescent organic light-emitting diodes exhibiting ultra-low efficiency roll-off. <i>Chemical Engineering Journal</i> , 2023, 466, 142910.	6.6	4
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