

# Efficient Persistent Room Temperature Phosphorescence under Ambient Conditions

Advanced Functional Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Phosphorescence from a pure organic fluorene derivative in solution at room temperature. <i>Chemical Communications</i> , 2013, 49, 8447.	2.2	140
2	Thermoresponsive Persistent Phosphorescent Color Change Using Efficient Thermally Activated Reverse Energy Transfer with a Large Energy Difference. <i>Advanced Optical Materials</i> , 2013, 1, 283-288.	3.6	23
3	Reversible Thermal Recording Media Using Time-Dependent Persistent Room Temperature Phosphorescence. <i>Advanced Optical Materials</i> , 2013, 1, 438-442.	3.6	101
4	The Halogen Bond in the Design of Functional Supramolecular Materials: Recent Advances. <i>Accounts of Chemical Research</i> , 2013, 46, 2686-2695.	7.6	728
5	Highly efficient, dual state emission from an organic semiconductor. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	76
6	Efficient Persistent Room Temperature Phosphorescence in Organic Materials. <i>Kobunshi Ronbunshu</i> , 2013, 70, 623-636.	0.2	2
7	Tuning the Photophysical Properties of Metal-Free Room Temperature Organic Phosphors via Compositional Variations in Bromobenzaldehyde/Dibromobenzene Mixed Crystals. <i>Chemistry of Materials</i> , 2014, 26, 6644-6649.	3.2	115
8	Spectral Conversion From Ultraviolet to Near Infrared in $\text{Yb}^{3+}$ -Doped Pyrovanadate $\text{Zn}_2\text{V}_2\text{O}_7$ Particles. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3202-3207.	1.9	18
9	Design principles for highly efficient organic light-emitting diodes. <i>Journal of Photonics for Energy</i> , 2014, 4, 040993.	0.8	17
10	Molecular crystalline materials with tunable luminescent properties: from polymorphs to multi-component solids. <i>Materials Horizons</i> , 2014, 1, 46-57.	6.4	411
11	Two-Component Molecular Materials of 2,5-Diphenyloxazole Exhibiting Tunable Ultraviolet/Blue Polarized Emission, Pump-Enhanced Luminescence, and Mechanochromic Response. <i>Advanced Functional Materials</i> , 2014, 24, 587-594.	7.8	190
13	Modulating optical power. <i>Nature Materials</i> , 2014, 13, 917-918.	13.3	6
14	Conversion and quantum efficiency from ultraviolet light to near infrared emission in $\text{Yb}^{3+}$ -doped pyrovanadates $\text{M}_2\text{ZnV}_2\text{O}_7$ (M = Ca, Sr, Ba). <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 190, 26-32.	1.7	15
15	Luminescent Polymer Films from Simple Processing of Coronene and Europium Precursors in Water. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3095-3100.	1.0	6
16	Tailoring Intermolecular Interactions for Efficient Room-Temperature Phosphorescence from Purely Organic Materials in Amorphous Polymer Matrices. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11177-11181.	7.2	382
17	Luminescence Properties of 1,8-Naphthalimide Derivatives in Solution, in Their Crystals, and in Co-crystals: Toward Room-Temperature Phosphorescence from Organic Materials. <i>Journal of Physical Chemistry C</i> , 2014, 118, 18646-18658.	1.5	123
18	Aggregation-Induced Emission: The Whole Is More Brilliant than the Parts. <i>Advanced Materials</i> , 2014, 26, 5429-5479.	11.1	2,737
19	Large reverse saturable absorption under weak continuous incoherent light. <i>Nature Materials</i> , 2014, 13, 938-946.	13.3	126

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20	Relationship between room temperature phosphorescence and deuteration position in a purely aromatic compound. <i>Chemical Physics Letters</i> , 2014, 591, 119-125.	1.2	36
21	Molecular asterisks with a persulfurated benzene core are among the strongest organic phosphorescent emitters in the solid state. <i>Dyes and Pigments</i> , 2014, 110, 113-122.	2.0	76
22	Organic white-light emitting materials. <i>Dyes and Pigments</i> , 2014, 110, 2-27.	2.0	247
23	Influence of host matrix on thermally-activated delayed fluorescence: Effects on emission lifetime, photoluminescence quantum yield, and device performance. <i>Organic Electronics</i> , 2014, 15, 2027-2037.	1.4	158
24	Long-lived Triplet Excitons Allowed by Intermolecular Hydrogen Bonding in Amorphous Matrix. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2015, 28, 573-577.	0.1	5
25	Achieving Persistent Room Temperature Phosphorescence and Remarkable Mechanochromism from Pure Organic Luminogens. <i>Advanced Materials</i> , 2015, 27, 6195-6201.	11.1	513
26	Photoreversible Onâ€œOff Recording of Persistent Roomâ€œTemperature Phosphorescence. <i>Advanced Optical Materials</i> , 2015, 3, 1726-1737.	3.6	107
28	Recent advances in purely organic phosphorescent materials. <i>Chemical Communications</i> , 2015, 51, 10988-11003.	2.2	399
29	Tuning the singletâ€œtriplet energy gap of AIE luminogens: crystallization-induced room temperature phosphorescence and delay fluorescence, tunable temperature response, highly efficient non-doped organic light-emitting diodes. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 1134-1141.	1.3	73
30	The effects of extended conjugation length of purely organic phosphors on their phosphorescence emission properties. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19096-19103.	1.3	17
31	Suppressing molecular motions for enhanced room-temperature phosphorescence of metal-free organic materials. <i>Nature Communications</i> , 2015, 6, 8947.	5.8	344
32	Efficient long lifetime room temperature phosphorescence of carbon dots in a potash alum matrix. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2798-2801.	2.7	145
33	Luminescent rhenium(I)â€œchromone bioconjugate: Synthesis, photophysical properties, and confocal luminescence microscopy investigation. <i>Journal of Organometallic Chemistry</i> , 2015, 782, 124-130.	0.8	22
34	Waterborne Polyurethanes with Tunable Fluorescence and Room-Temperature Phosphorescence. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 17209-17216.	4.0	57
35	Halogen Bonding in Supramolecular Chemistry. <i>Chemical Reviews</i> , 2015, 115, 7118-7195.	23.0	1,073
36	Deuteration of Perylene Enhances Photochemical Upconversion Efficiency. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3061-3066.	2.1	21
37	Visible room-temperature phosphorescence of pure organic crystals via a radical-ion-pair mechanism. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 15989-15995.	1.3	108
38	Aggregation-induced phosphorescence enhancement (AIPE) based on transition metal complexesâ€œAn overview. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2015, 23, 25-44.	5.6	97

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39	Reversible Luminescence Switching of an Organic Solid: Controllable On/Off Persistent Room Temperature Phosphorescence and Stimulated Multiple Fluorescence Conversion. <i>Advanced Optical Materials</i> , 2015, 3, 1184-1190.	3.6	173
40	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. <i>Chemical Science</i> , 2015, 6, 4438-4444.	3.7	335
41	Linearly Tunable Emission Colors Obtained from a Fluorescent/Phosphorescent Dual-Emission Compound by Mechanical Stimuli. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6270-6273.	7.2	315
42	Stabilizing triplet excited states for ultralong organic phosphorescence. <i>Nature Materials</i> , 2015, 14, 685-690.	13.3	1,404
43	Aggregation-Induced Emission: Together We Shine, United We Soar!. <i>Chemical Reviews</i> , 2015, 115, 11718-11940.	23.0	6,279
44	Photochemical upconversion of light for renewable energy and more. <i>Proceedings of SPIE</i> , 2015, , .	0.8	3
45	Room temperature triplet state spectroscopy of organic semiconductors. <i>Scientific Reports</i> , 2014, 4, 3797.	1.6	180
46	Triple-Mode Emission of Carbon Dots: Applications for Advanced Anti-Counterfeiting. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7231-7235.	7.2	625
47	Room-temperature phosphorescence from purely organic materials. <i>Chinese Chemical Letters</i> , 2016, 27, 1231-1240.	4.8	84
48	Room-Temperature Phosphorescence of Crystalline 1,4-Bis(aryl)-2,5-dibromobenzenes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 467-473.	1.2	36
49	Strongly Enhanced Long-Lived Persistent Room Temperature Phosphorescence Based on the Formation of Metal-Organic Hybrids. <i>Advanced Optical Materials</i> , 2016, 4, 897-905.	3.6	241
50	Long-Lived Room-Temperature Phosphorescence of Coronene in Zeolitic Imidazolate Framework ZIF-8. <i>Advanced Optical Materials</i> , 2016, 4, 1015-1021.	3.6	209
51	Triple-Mode Emission of Carbon Dots: Applications for Advanced Anti-Counterfeiting. <i>Angewandte Chemie</i> , 2016, 128, 7347-7351.	1.6	467
52	Siloxy Group-Induced Highly Efficient Room Temperature Phosphorescence with Long Lifetime. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11631-11639.	1.5	95
53	Red Phosphorescence from Benzo[2,1,3]thiadiazoles at Room Temperature. <i>Journal of Organic Chemistry</i> , 2016, 81, 4789-4796.	1.7	43
54	Circularly Polarized Persistent Room-Temperature Phosphorescence from Metal-Free Chiral Aromatics in Air. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1539-1545.	2.1	98
55	Rational Molecular Design for Achieving Persistent and Efficient Pure Organic Room-Temperature Phosphorescence. <i>CheM</i> , 2016, 1, 592-602.	5.8	610
56	Room-Temperature Phosphorescence of Crystalline Metal-Free Organoboron Complex. <i>ChemPhysChem</i> , 2016, 17, 4033-4036.	1.0	25

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57	(NHC)Cu-Catalyzed Mild C-H Amidation of (Hetero)arenes with Deprotectable Carbamates: Scope and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2016, 138, 12605-12614.	6.6	58
58	Excited State Modulation for Organic Afterglow: Materials and Applications. <i>Advanced Materials</i> , 2016, 28, 9920-9940.	11.1	616
59	Conformation controlled turn on/off phosphorescence in a metal-free biluminophore: thriving the paradox that exists for organic compounds. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27910-27920.	1.3	20
60	Electrostatic Interaction-Induced Room-Temperature Phosphorescence in Pure Organic Molecules from QM/MM Calculations. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2893-2898.	2.1	126
61	Amorphous, Efficient, Room-Temperature Phosphorescent Metal-Free Polymers and Their Applications as Encryption Ink. <i>Advanced Optical Materials</i> , 2016, 4, 1397-1401.	3.6	183
62	Induction of Strong Long-Lived Room-Temperature Phosphorescence of <i>N</i> -Phenyl-2-naphthylamine Molecules by Confinement in a Crystalline Dibromobiphenyl Matrix. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15589-15593.	7.2	265
63	Induction of Strong Long-Lived Room-Temperature Phosphorescence of <i>N</i> -Phenyl-2-naphthylamine Molecules by Confinement in a Crystalline Dibromobiphenyl Matrix. <i>Angewandte Chemie</i> , 2016, 128, 15818-15822.	1.6	71
64	Efficient Room-Temperature Phosphorescence from Nitrogen-Doped Carbon Dots in Composite Matrices. <i>Chemistry of Materials</i> , 2016, 28, 8221-8227.	3.2	270
65	Polyimides with Heavy Halogens Exhibiting Room-Temperature Phosphorescence with Very Large Stokes Shifts. <i>ACS Macro Letters</i> , 2016, 5, 1301-1305.	2.3	87
66	Pure Organic Luminogens with Room Temperature Phosphorescence. <i>ACS Symposium Series</i> , 2016, , 1-26.	0.5	5
67	Large Transmittance Change Induced by Exciton Accumulation under Weak Continuous Photoexcitation. <i>Advanced Optical Materials</i> , 2016, 4, 297-305.	3.6	15
68	Intermolecular Electronic Coupling of Organic Units for Efficient Persistent Room-Temperature Phosphorescence. <i>Angewandte Chemie</i> , 2016, 128, 2221-2225.	1.6	156
69	Intermolecular Electronic Coupling of Organic Units for Efficient Persistent Room-Temperature Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2181-2185.	7.2	548
70	Afterglow Organic Light-Emitting Diode. <i>Advanced Materials</i> , 2016, 28, 655-660.	11.1	417
71	Protection of densely populated excited triplet state ensembles against deactivation by molecular oxygen. <i>Chemical Society Reviews</i> , 2016, 45, 4668-4689.	18.7	105
72	Crystallization-induced phosphorescence of pure organic luminogens. <i>Chinese Chemical Letters</i> , 2016, 27, 1184-1192.	4.8	86
73	Enhanced room-temperature phosphorescence of triphenylphosphine derivatives without metal and heavy atoms in their crystal phase. <i>RSC Advances</i> , 2016, 6, 51683-51686.	1.7	22
74	Near-Infrared Phosphorescent Iridium(III) Benzenorrole Complexes Possessing Pyridine-based Axial Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 6223-6230.	1.9	23

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75	Extremely condensing triplet states of DPEPO-type hosts through constitutional isomerization for high-efficiency deep-blue thermally activated delayed fluorescence diodes. <i>Chemical Science</i> , 2016, 7, 2870-2882.	3.7	92
76	Enhancing Organic Phosphorescence by Manipulating Heavy-Atom Interaction. <i>Crystal Growth and Design</i> , 2016, 16, 808-813.	1.4	122
77	Rate-limited effect of reverse intersystem crossing process: the key for tuning thermally activated delayed fluorescence lifetime and efficiency roll-off of organic light emitting diodes. <i>Chemical Science</i> , 2016, 7, 4264-4275.	3.7	212
78	Long persistent phosphors from fundamentals to applications. <i>Chemical Society Reviews</i> , 2016, 45, 2090-2136.	18.7	943
79	Multi-luminescent switching of metal-free organic phosphors for luminometric detection of organic solvents. <i>Chemical Science</i> , 2016, 7, 2359-2363.	3.7	56
80	Bright persistent luminescence from pure organic molecules through a moderate intermolecular heavy atom effect. <i>Chemical Science</i> , 2017, 8, 6060-6065.	3.7	135
81	Molecular stacking dependent phosphorescence-fluorescence dual emission in a single luminophore for self-recoverable mechanoconversion of multicolor luminescence. <i>Chemical Communications</i> , 2017, 53, 2661-2664.	2.2	90
82	Rigidification or interaction-induced phosphorescence of organic molecules. <i>Chemical Communications</i> , 2017, 53, 2081-2093.	2.2	298
83	Unveiling a New Aspect of Simple Arylboronic Esters: Long-Lived Room-Temperature Phosphorescence from Heavy-Atom-Free Molecules. <i>Journal of the American Chemical Society</i> , 2017, 139, 2728-2733.	6.6	269
84	Phosphorescence in Bromobenzaldehyde Can Be Enhanced through Intramolecular Heavy Atom Effect. <i>Journal of Physical Chemistry C</i> , 2017, 121, 3771-3777.	1.5	49
85	How the Molecular Packing Affects the Room Temperature Phosphorescence in Pure Organic Compounds: Ingenious Molecular Design, Detailed Crystal Analysis, and Rational Theoretical Calculations. <i>Advanced Materials</i> , 2017, 29, 1606829.	11.1	351
86	White Afterglow Room-Temperature Emission from an Isolated Single Aromatic Unit under Ambient Condition. <i>Advanced Optical Materials</i> , 2017, 5, 1600996.	3.6	88
87	Room-temperature phosphorescence from small organic systems containing a thiocarbonyl moiety. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8896-8901.	1.3	17
88	Long Life-time Room-temperature Phosphorescence of Carbon Dots in Aluminum Sulfate. <i>ChemistrySelect</i> , 2017, 2, 4058-4062.	0.7	31
89	Switching between Phosphorescence and Fluorescence Controlled by Chiral Self-Assembly. <i>Advanced Science</i> , 2017, 4, 1700021.	5.6	34
90	Interplay of Fluorescence and Phosphorescence in Organic Biluminescent Emitters. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14946-14953.	1.5	43
91	The contributions of molecular vibrations and higher triplet levels to the intersystem crossing mechanism in metal-free organic emitters. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6269-6280.	2.7	83
92	Room temperature phosphorescence from moisture-resistant and oxygen-barred carbon dot aggregates. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6243-6250.	2.7	91

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93	Protonation-Induced Room-Temperature Phosphorescence in Fluorescent Polyurethane. <i>Journal of Physical Chemistry A</i> , 2017, 121, 4225-4232.	1.1	31
94	Recent Advances in Materials with Room-Temperature Phosphorescence: Photophysics for Triplet Exciton Stabilization. <i>Advanced Optical Materials</i> , 2017, 5, 1700116.	3.6	565
95	Room temperature phosphorescence lifetime and spectrum tuning of substituted thianthrenes. <i>Dyes and Pigments</i> , 2017, 142, 315-322.	2.0	35
96	Photophysical behavior of systematically substituted (di-2-pyridylaminomethyl) benzene ligands and its Re(I) complexes: A combined experimental and theoretical approach. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 341, 115-126.	2.0	8
97	Amorphous 2-Bromocarbazole Copolymers with Efficient Room-Temperature Phosphorescent Emission and Applications as Encryption Ink. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 3123-3128.	1.8	55
98	Long Persistent Phosphorescence of Crystalline Phenylboronic Acid Derivatives: Photophysics and a Mechanistic Study. <i>ChemPhotoChem</i> , 2017, 1, 102-106.	1.5	62
99	Highly Efficient Room-Temperature Phosphorescence from Halogen-Bonding-Assisted Doped Organic Crystals. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8652-8658.	1.1	67
100	Synthesis of Arylamines via Aminium Radicals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14948-14952.	7.2	107
101	Optimization of coupled plasmonic effects for viable phosphorescence of metal-free purely organic phosphor. <i>Journal of Applied Physics</i> , 2017, 122, 153103.	1.1	8
102	Organic Afterglow Phosphors. <i>SpringerBriefs in Materials</i> , 2017, , 117-151.	0.1	0
103	Confinement of Long-Lived Triplet Excitons in Organic Semiconducting Host-Guest Systems. <i>Advanced Functional Materials</i> , 2017, 27, 1703902.	7.8	107
104	Afterglow Luminescence in Wet-Chemically Synthesized Inorganic Materials: Ultra-Long Room Temperature Phosphorescence Instead of Persistent Luminescence. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4735-4739.	2.1	16
105	Meta-Alkoxy-Substituted Difluoroboron Dibenzoylmethane Complexes as Environment-Sensitive Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 32008-32017.	4.0	45
106	Visible-Light-Excited Ultralong Organic Phosphorescence by Manipulating Intermolecular Interactions. <i>Advanced Materials</i> , 2017, 29, 1701244.	11.1	320
107	Large Reverse Saturable Absorption at the Sunlight Power Level Using the Ultralong Lifetime of Triplet Excitons. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3683-3689.	2.1	25
108	Room-Temperature-Phosphorescence-Based Dissolved Oxygen Detection by Core-Shell Polymer Nanoparticles Containing Metal-Free Organic Phosphors. <i>Angewandte Chemie</i> , 2017, 129, 16425-16429.	1.6	40
109	Room-Temperature-Phosphorescence-Based Dissolved Oxygen Detection by Core-Shell Polymer Nanoparticles Containing Metal-Free Organic Phosphors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16207-16211.	7.2	155
110	Ultralong Phosphorescence of Water-Soluble Organic Nanoparticles for In Vivo Afterglow Imaging. <i>Advanced Materials</i> , 2017, 29, 1606665.	11.1	419

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111	Probing the nature of peripheral boryl groups within luminescent tellurophenes. <i>Faraday Discussions</i> , 2017, 196, 255-268.	1.6	28
112	Color-tunable phosphorescence of 1,10-phenanthrolines by 4,7-methyl-/diphenyl-/dichloro substituents in cocrystals assembled via bifurcated $\pi$ -N halogen bonds using 1,4-diiodotetrafluorobenzene as a bonding donor. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 247-254.	0.5	20
113	White light emission from a single organic molecule with dual phosphorescence at room temperature. <i>Nature Communications</i> , 2017, 8, 416.	5.8	621
114	Halogen-Bonded Cocrystals. , 2017, , 49-72.		1
115	Induction of long-lived room temperature phosphorescence of carbon dots by water in hydrogen-bonded matrices. <i>Nature Communications</i> , 2018, 9, 734.	5.8	314
116	Construction and multifunctional applications of carbon dots/PVA nanofibers with phosphorescence and thermally activated delayed fluorescence. <i>Chemical Engineering Journal</i> , 2018, 347, 505-513.	6.6	84
117	Thermally activated delayed fluorescence with a narrow emission spectrum and organic room temperature phosphorescence by controlling spin-orbit coupling and phosphorescence lifetime of metal-free organic molecules. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5434-5443.	2.7	56
118	Metal free room temperature phosphorescence from molecular self-interactions in the solid state. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4603-4626.	2.7	239
119	Facile, Quick, and Gram-Scale Synthesis of Ultralong-Lifetime Room-Temperature Phosphorescent Carbon Dots by Microwave Irradiation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6216-6220.	7.2	474
120	Facile, Quick, and Gram-Scale Synthesis of Ultralong-Lifetime Room-Temperature Phosphorescent Carbon Dots by Microwave Irradiation. <i>Angewandte Chemie</i> , 2018, 130, 6324-6328.	1.6	35
121	Ultralong Room-Temperature Phosphorescence from Amorphous Polymer Poly(Styrene Sulfonic Acid) in Air in the Dry Solid State. <i>Advanced Functional Materials</i> , 2018, 28, 1707369.	7.8	167
122	Enhancing Ultralong Organic Phosphorescence by Effective $\pi$ -Type Halogen Bonding. <i>Advanced Functional Materials</i> , 2018, 28, 1705045.	7.8	244
123	Multicolor Photoluminescence of a Hybrid Film via the Dual-Emitting Strategy of an Inorganic Fluorescent Au Nanocluster and an Organic Room-Temperature Phosphorescent Copolymer. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 2866-2872.	1.8	33
124	Hydrogen-Bonded Organic Aromatic Frameworks for Ultralong Phosphorescence by Intralayer $\pi$ - $\pi$ Interactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4005-4009.	7.2	207
125	Design of Metal-Free Polymer Carbon Dots: A New Class of Room-Temperature Phosphorescent Materials. <i>Angewandte Chemie</i> , 2018, 130, 2417-2422.	1.6	55
126	Design of Metal-Free Polymer Carbon Dots: A New Class of Room-Temperature Phosphorescent Materials. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2393-2398.	7.2	429
127	Ultralong Phosphorescence from Organic Ionic Crystals under Ambient Conditions. <i>Angewandte Chemie</i> , 2018, 130, 686-690.	1.6	33
128	Twisted Molecular Structure on Tuning Ultralong Organic Phosphorescence. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 335-339.	2.1	72



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129	Amorphous Metal-Free Room-Temperature Phosphorescent Small Molecules with Multicolor Photoluminescence via a Host-Guest and Dual-Emission Strategy. <i>Journal of the American Chemical Society</i> , 2018, 140, 1916-1923.	6.6	481
130	Amorphous Pure Organic Polymers for Heavy-Atom-Free Efficient Room-Temperature Phosphorescence Emission. <i>Angewandte Chemie</i> , 2018, 130, 11020-11024.	1.6	94
131	Amorphous Pure Organic Polymers for Heavy-Atom-Free Efficient Room-Temperature Phosphorescence Emission. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10854-10858.	7.2	373
132	Ultralong room temperature phosphorescence from amorphous organic materials toward confidential information encryption and decryption. <i>Science Advances</i> , 2018, 4, eaas9732.	4.7	515
133	An organic-inorganic hybrid zinc phosphite framework with room temperature phosphorescence. <i>Chemical Communications</i> , 2018, 54, 3712-3714.	2.2	123
134	Clustering-Triggered Emission and Persistent Room Temperature Phosphorescence of Sodium Alginate. <i>Biomacromolecules</i> , 2018, 19, 2014-2022.	2.6	248
135	Hydrogen-Bonded Organic Aromatic Frameworks for Ultralong Phosphorescence by Intralayer $\pi$ - $\pi$ Interactions. <i>Angewandte Chemie</i> , 2018, 130, 4069-4073.	1.6	61
136	Journey of Aggregation-Induced Emission Research. <i>ACS Omega</i> , 2018, 3, 3267-3277.	1.6	234
137	Prevalent intrinsic emission from nonaromatic amino acids and poly(amino acids). <i>Science China Chemistry</i> , 2018, 61, 351-359.	4.2	214
138	Use of silyl methoxy groups as inducers of efficient room temperature phosphorescence from precious-metal-free organic luminophores. <i>Materials Chemistry Frontiers</i> , 2018, 2, 347-354.	3.2	21
139	Ultralong Phosphorescence from Organic Ionic Crystals under Ambient Conditions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 678-682.	7.2	176
140	Facile Synthesis of Photoluminescent Graphitic Carbon Nitride Quantum Dots for Hg <sup>2+</sup> Detection and Room Temperature Phosphorescence. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1732-1743.	3.2	87
141	Prolonging the lifetime of ultralong organic phosphorescence through dihydrogen bonding. <i>Journal of Materials Chemistry C</i> , 2018, 6, 226-233.	2.7	92
142	Wavelength conversion of Yb <sup>3+</sup> -activated Y <sub>4</sub> CdMo <sub>3</sub> O <sub>16</sub> from near UV-region to IR emission. <i>Materials Chemistry and Physics</i> , 2018, 204, 216-221.	2.0	2
143	Layered Hybrid Zincophosphites for Room Temperature Phosphorescent Emission. <i>Inorganic Chemistry</i> , 2018, 57, 14497-14500.	1.9	10
144	Defect-Stabilized Triplet State Excitons: Toward Ultralong Organic Room-Temperature Phosphorescence. <i>Advanced Functional Materials</i> , 2018, 28, 1804961.	7.8	70
145	Highly efficient room-temperature phosphorescence and afterglow luminescence from common organic fluorophores in 2D hybrid perovskites. <i>Chemical Science</i> , 2018, 9, 8975-8981.	3.7	119
146	Observation of Dual Room Temperature Fluorescence-Phosphorescence in Air, in the Crystal Form of a Thianthrene Derivative. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24958-24966.	1.5	31

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147	Matrix-Free and Highly Efficient Room-Temperature Phosphorescence of Nitrogen-Doped Carbon Dots. <i>Langmuir</i> , 2018, 34, 12845-12852.	1.6	69
148	Aggregation-Induced Enhancement of Molecular Phosphorescence Lifetime: A First-Principle Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 25796-25803.	1.5	29
149	Unexpected room-temperature phosphorescence from a non-aromatic, low molecular weight, pure organic molecule through the intermolecular hydrogen bond. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2124-2129.	3.2	138
150	Cluster-Based Metal-Organic Frameworks: Modulated Singlet-Triplet Excited States and Temperature-Responsive Phosphorescent Switch. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 34377-34384.	4.0	103
151	Insight into chirality on molecular stacking for tunable ultralong organic phosphorescence. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10179-10183.	2.7	18
152	A Simple Strategy to Construct Amorphous Metal-Free Room Temperature Phosphorescent and Multi-Color Materials. <i>ChemPhysChem</i> , 2018, 19, 2131-2133.	1.0	2
153	Large refractive index variations induced by accumulating triplet excitons under photoexcitation at low power. <i>Chemical Physics Letters</i> , 2018, 704, 5-10.	1.2	3
154	Mechano-responsive room temperature luminescence variations of boron conjugated pyrene in air. <i>Chemical Communications</i> , 2018, 54, 6028-6031.	2.2	42
155	Dynamic Ultralong Organic Phosphorescence by Photoactivation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8425-8431.	7.2	241
156	Pure Organic Persistent Room-Temperature Phosphorescence at both Crystalline and Amorphous States. <i>ChemPhysChem</i> , 2018, 19, 2389-2396.	1.0	41
157	Biluminescence via Fluorescence and Persistent Phosphorescence in Amorphous Organic Donor(D <sub>4</sub> )-Acceptor(A) Conjugates and Application in Data Security Protection. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3808-3813.	2.1	44
158	Ultralong Room-Temperature Phosphorescence from Supramolecular Behavior via Intermolecular Electronic Coupling in Pure Organic Crystals. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3939-3945.	2.1	47
159	High pH-induced efficient room-temperature phosphorescence from carbon dots in hydrogen-bonded matrices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7890-7895.	2.7	72
160	Ultralong-lived room temperature triplet excitons: molecular persistent room temperature phosphorescence and nonlinear optical characteristics with continuous irradiation. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11785-11794.	2.7	48
161	Dynamic Ultralong Organic Phosphorescence by Photoactivation. <i>Angewandte Chemie</i> , 2018, 130, 8561-8567.	1.6	47
162	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
163	Simultaneously Enhancing Efficiency and Lifetime of Ultralong Organic Phosphorescence Materials by Molecular Self-Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 10734-10739.	6.6	399
164	Boosting the Heavy Atom Effect by Cavitand Encapsulation: Room Temperature Phosphorescence of Pyrene in the Presence of Oxygen. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6578-6584.	1.1	16

#	ARTICLE	IF	CITATIONS
165	Self-Protective Room-Temperature Phosphorescence of Fluorine and Nitrogen Codoped Carbon Dots. <i>Advanced Functional Materials</i> , 2018, 28, 1800791.	7.8	290
166	A facile strategy for realizing room temperature phosphorescence and single molecule white light emission. <i>Nature Communications</i> , 2018, 9, 2963.	5.8	339
167	Chalcogen atom modulated persistent room-temperature phosphorescence through intramolecular electronic coupling. <i>Chemical Communications</i> , 2018, 54, 9226-9229.	2.2	76
168	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
169	<i>N</i> -Alkylcarbazoles: homolog manipulating long-lived room-temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8984-8989.	2.7	23
170	Intrinsic Analysis of Radiative and Room-Temperature Nonradiative Processes Based on Triplet State Intramolecular Vibrations of Heavy Atom-Free Conjugated Molecules toward Efficient Persistent Room-Temperature Phosphorescence. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4251-4259.	2.1	49
171	Designing Efficient and Ultralong Pure Organic Room-Temperature Phosphorescent Materials by Structural Isomerism. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7997-8001.	7.2	224
172	Covalent organic frameworks: a platform for the experimental establishment of the influence of intermolecular distance on phosphorescence. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5369-5374.	2.7	43
173	Dual Emission through Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence, and Their Thermal Enhancement via Solid-State Structural Change in a Carbazole-Quinoline Conjugate. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2733-2738.	2.1	81
174	Designing Efficient and Ultralong Pure Organic Room-Temperature Phosphorescent Materials by Structural Isomerism. <i>Angewandte Chemie</i> , 2018, 130, 8129-8133.	1.6	72
175	Molecular cocrystals: design, charge-transfer and optoelectronic functionality. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 6009-6023.	1.3	143
176	Efficient room-temperature phosphorescence based on a pure organic sulfur-containing heterocycle: folding-induced spin-orbit coupling enhancement. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1853-1858.	3.2	63
177	Fluorescence of Nonaromatic Organic Systems and Room Temperature Phosphorescence of Organic Luminogens: The Intrinsic Principle and Recent Progress. <i>Small</i> , 2018, 14, e1801560.	5.2	204
178	Organometallic Fluorophores of d 8 Metals (Pd, Pt, Au). <i>Advances in Organometallic Chemistry</i> , 2018, 69, 73-134.	0.5	14
179	One-step synthesis of cyclic compounds towards easy room-temperature phosphorescence and deep blue thermally activated delayed fluorescence. <i>Chemical Communications</i> , 2018, 54, 7850-7853.	2.2	32
180	Aggregation-Induced Emission with Long-Lived Room-Temperature Phosphorescence from Methylene-Linked Organic Donor-Acceptor Structures. <i>Chemistry - an Asian Journal</i> , 2019, 14, 751-754.	1.7	37
181	Use of Dimeric Excited States of the Donors in D <sub>4</sub> -A Systems for Accessing White Light Emission, Afterglow, and Invisible Security Ink. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22104-22113.	1.5	33
182	Excited-State Modulation for Controlling Fluorescence and Phosphorescence Pathways toward White-Light Emission. <i>Advanced Optical Materials</i> , 2019, 7, 1900767.	3.6	34

#	ARTICLE	IF	CITATIONS
183	Metal-free and purely organic phosphorescent light-emitting diodes using phosphorescence harvesting hosts and organic phosphorescent emitters. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11500-11506.	2.7	23
184	Purely Organic Crystals Exhibit Bright Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie</i> , 2019, 131, 13656-13665.	1.6	24
185	Recent progress on pure organic room temperature phosphorescence materials based on host-guest interactions. <i>Chinese Chemical Letters</i> , 2019, 30, 1809-1814.	4.8	105
186	Manipulating the Stacking of Triplet Chromophores in the Crystal Form for Ultralong Organic Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14140-14145.	7.2	98
187	Manipulating the Stacking of Triplet Chromophores in the Crystal Form for Ultralong Organic Phosphorescence. <i>Angewandte Chemie</i> , 2019, 131, 14278-14283.	1.6	27
188	Purely Organic Crystals Exhibit Bright Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13522-13531.	7.2	72
189	Hydrogen bonding boosted the persistent room temperature phosphorescence of pure organic compounds for multiple applications. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9095-9101.	2.7	46
190	Achieving Dual Persistent Room-Temperature Phosphorescence from Polycyclic Luminophores via Inter- and Intramolecular Charge Transfer. <i>Advanced Optical Materials</i> , 2019, 7, 1900511.	3.6	60
191	Controllable Multiemission with Ultralong Organic Phosphorescence in Crystal by Isomerization. <i>Advanced Optical Materials</i> , 2019, 7, 1901076.	3.6	24
192	Amorphous Ionic Polymers with Color-Tunable Ultralong Organic Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18776-18782.	7.2	129
193	Controllably realizing elastic/plastic bending based on a room-temperature phosphorescent waveguiding organic crystal. <i>Chemical Science</i> , 2019, 10, 227-232.	3.7	112
194	Amorphous Ionic Polymers with Color-Tunable Ultralong Organic Phosphorescence. <i>Angewandte Chemie</i> , 2019, 131, 18952-18958.	1.6	36
195	Regioisomerism effect (RIE) on optimizing ultralong organic phosphorescence lifetimes. <i>Chinese Chemical Letters</i> , 2019, 30, 1974-1978.	4.8	11
196	Aqueous phase and amorphous state room temperature phosphorescence from a small aromatic carbonyl derivative. <i>Materials Research Express</i> , 2019, 6, 124003.	0.8	8
197	Synergistic Intra- and Intermolecular Noncovalent Interactions for Ultralong Organic Phosphorescence. <i>Small</i> , 2019, 15, e1903270.	5.2	30
198	Enabling long-lived organic room temperature phosphorescence in polymers by subunit interlocking. <i>Nature Communications</i> , 2019, 10, 4247.	5.8	199
199	Highly efficient room-temperature phosphorescence achieved by gadolinium complexes. <i>Dalton Transactions</i> , 2019, 48, 14958-14961.	1.6	11
200	In Situ Green Synthesis of Nitrogen-Doped Carbon-Dot-Based Room-Temperature Phosphorescent Materials for Visual Iron Ion Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18801-18809.	3.2	52

#	ARTICLE	IF	CITATIONS
201	Revealing Insight into Long-Lived Room-Temperature Phosphorescence of Host-Guest Systems. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6019-6025.	2.1	90
202	Emission mechanism understanding and tunable persistent room temperature phosphorescence of amorphous nonaromatic polymers. <i>Materials Chemistry Frontiers</i> , 2019, 3, 257-264.	3.2	150
203	Evaluating the Impact of Fluorination on the Electro-optical Properties of Cross-Conjugated Benzobisoxazoles. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1343-1352.	1.1	6
204	Achieving Dual-Emissive and Time-Dependent Evolutive Organic Afterglow by Bridging Molecules with Weak Intermolecular Hydrogen Bonding. <i>Advanced Optical Materials</i> , 2019, 7, 1801593.	3.6	101
205	Highly Efficient Ultralong Organic Phosphorescence through Intramolecular-Space Heavy-Atom Effect. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 595-600.	2.1	130
206	A novel metal-free amorphous room-temperature phosphorescent polymer without conjugation. <i>Science China Chemistry</i> , 2019, 62, 430-433.	4.2	49
207	Programmable transparent organic luminescent tags. <i>Science Advances</i> , 2019, 5, eaau7310.	4.7	138
208	Blue-Light-Absorbing Thin Films Showing Ultralong Room-Temperature Phosphorescence. <i>Advanced Materials</i> , 2019, 31, e1807887.	11.1	167
209	Thermally activated delayed fluorescence and room-temperature phosphorescence in naphthyl appended carbazole-quinoline conjugates, and their mechanical regulation. <i>Chemical Communications</i> , 2019, 55, 1899-1902.	2.2	34
210	A colorless semi-aromatic polyimide derived from a sterically hindered bromine-substituted dianhydride exhibiting dual fluorescence and phosphorescence emission. <i>Materials Chemistry Frontiers</i> , 2019, 3, 39-49.	3.2	38
211	Crucial Breakthrough of Functional Persistent Luminescence Materials for Biomedical and Information Technological Applications. <i>Frontiers in Chemistry</i> , 2019, 7, 387.	1.8	43
212	Room temperature phosphorescence of Mn(II) and Zn(II) coordination polymers for photoelectron response applications. <i>Dalton Transactions</i> , 2019, 48, 10785-10789.	1.6	83
213	Achievement of persistent and efficient organic room-temperature phosphorescence with temperature-response by adjusting the proportion of excited-state configurations in coupled molecules. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8250-8254.	2.7	20
214	Bipolar thianthrene derivatives exhibiting room temperature phosphorescence for oxygen sensing. <i>Dyes and Pigments</i> , 2019, 170, 107605.	2.0	19
215	Roles of Localized Electronic Structures Caused by $\pi$ -Degeneracy Due to Highly Symmetric Heavy Atom-Free Conjugated Molecular Crystals Leading to Efficient Persistent Room-Temperature Phosphorescence. <i>Advanced Science</i> , 2019, 6, 1900410.	5.6	24
216	Enhancing the performance of pure organic room-temperature phosphorescent luminophores. <i>Nature Communications</i> , 2019, 10, 2111.	5.8	525
217	Advancement in science and technology of carbon dot-polymer hybrid composites: a review. <i>Functional Composites and Structures</i> , 2019, 1, 022001.	1.6	99
218	Metal-Free Room-Temperature Phosphorescent Systems for Pure White-Light Emission and Latent Fingerprint Visualization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 7778-7785.	1.8	34

#	ARTICLE	IF	CITATIONS
219	A Highly Efficient Red Metal-free Organic Phosphor for Time-Resolved Luminescence Imaging and Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18103-18110.	4.0	74
220	Pure Organic Room Temperature Phosphorescence from Excited Dimers in Self-Assembled Nanoparticles under Visible and Near-Infrared Irradiation in Water. <i>Journal of the American Chemical Society</i> , 2019, 141, 5045-5050.	6.6	285
221	Invoking ultralong room temperature phosphorescence of purely organic compounds through H-aggregation engineering. <i>Materials Horizons</i> , 2019, 6, 1259-1264.	6.4	131
222	Intramolecular electronic coupling for persistent room-temperature luminescence for smartphone based time-gated fingerprint detection. <i>Materials Horizons</i> , 2019, 6, 1215-1221.	6.4	45
223	Isophthalate-Based Room Temperature Phosphorescence: From Small Molecule to Side-Chain Jacketed Liquid Crystalline Polymer. <i>Macromolecules</i> , 2019, 52, 2495-2503.	2.2	33
224	17 Photocatalytic Carbon-Heteroatom Bond Formation. , 2019, , .		0
225	Colour-tunable ultra-long organic phosphorescence of a single-component molecular crystal. <i>Nature Photonics</i> , 2019, 13, 406-411.	15.6	579
226	Room-Temperature Phosphorescence in Metal-Free Organic Materials. <i>Annalen Der Physik</i> , 2019, 531, 1800482.	0.9	79
227	Multi-emissive room temperature phosphorescence of a two-dimensional metal-organic framework. <i>Inorganic Chemistry Communication</i> , 2019, 104, 119-123.	1.8	6
228	Prolonging Ultralong Organic Phosphorescence Lifetime to 2.5 s through Confining Rotation in Molecular Rotor. <i>Advanced Optical Materials</i> , 2019, 7, 1800820.	3.6	53
229	Assembling-Induced Emission: An Efficient Approach for Amorphous Metal-Free Organic Emitting Materials with Room-Temperature Phosphorescence. <i>Accounts of Chemical Research</i> , 2019, 52, 738-748.	7.6	512
230	Room-Temperature Phosphorescence from Metal-Free Organic Materials in Solution: Origin and Molecular Design. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1037-1042.	2.1	34
231	Ultralong UV/mechano-excited room temperature phosphorescence from purely organic cluster excitons. <i>Nature Communications</i> , 2019, 10, 5161.	5.8	216
232	Tunable afterglow luminescence and triple-mode emissions of thermally activated carbon dots confined within nanoclays. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13640-13646.	2.7	44
233	One-dimensional $\pi$ - $\pi$ stacking induces highly efficient pure organic room-temperature phosphorescence and ternary-emission single-molecule white light. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12502-12508.	2.7	81
234	Effect of Carbazolyl Groups on Photophysical Properties of Cyanuric Chloride. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 47162-47169.	4.0	24
235	Aqueous Photon Upconversion by Anionic Acceptors Self-Assembled on Cationic Bilayer Membranes with a Long Triplet Lifetime. <i>Organic Materials</i> , 2019, 01, 043-049.	1.0	3
236	Room-temperature phosphorescent polymers with excitation-wavelength and delay-time emission dependencies. <i>RSC Advances</i> , 2019, 9, 36287-36292.	1.7	5

#	ARTICLE	IF	CITATIONS
237	Anion-regulated transient and persistent phosphorescence and size-dependent ultralong afterglow of organic ionic crystals. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14535-14542.	2.7	33
238	Subtle structure tailoring of metal-free triazine luminogens for highly efficient ultralong organic phosphorescence. <i>Chinese Chemical Letters</i> , 2019, 30, 1935-1938.	4.8	9
239	Polymorphic Pure Organic Luminogens with Through-Space Conjugation and Persistent Room-Temperature Phosphorescence. <i>Chemistry - an Asian Journal</i> , 2019, 14, 884-889.	1.7	28
240	Ultralong Organic Phosphorescence in the Solid State: The Case of Triphenylene Cocrystals with Halo- and Dihalo-penta/tetrafluorobenzene. <i>Crystal Growth and Design</i> , 2019, 19, 336-346.	1.4	33
241	Intermolecular Singlet Fission in Unsymmetrical Derivatives of Pentacene in Solution. <i>Advanced Energy Materials</i> , 2019, 9, 1802221.	10.2	20
242	Activating room temperature phosphorescence by organic materials using synergistic effects. <i>Journal of Materials Chemistry C</i> , 2019, 7, 230-236.	2.7	43
243	Suppressed Triplet Exciton Diffusion Due to Small Orbital Overlap as a Key Design Factor for Ultralong-Lived Room-Temperature Phosphorescence in Molecular Crystals. <i>Advanced Materials</i> , 2019, 31, e1807268.	11.1	99
244	Controlling the fluorescence and room-temperature phosphorescence behaviour of carbon nanodots with inorganic crystalline nanocomposites. <i>Nature Communications</i> , 2019, 10, 206.	5.8	128
245	Achieving Amorphous Ultralong Room Temperature Phosphorescence by Coassembling Planar Small Organic Molecules with Polyvinyl Alcohol. <i>Advanced Functional Materials</i> , 2019, 29, 1807243.	7.8	147
246	Persistent luminescence instead of phosphorescence: History, mechanism, and perspective. <i>Journal of Luminescence</i> , 2019, 205, 581-620.	1.5	425
247	Aphen-derived N-doped white-emitting carbon dots with room temperature phosphorescence for versatile applications. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127344.	4.0	26
248	New Wine in Old Bottles: Prolonging Room-Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. <i>Angewandte Chemie</i> , 2020, 132, 9379-9384.	1.6	14
249	Excitation-Dependent Long-Life Luminescent Polymeric Systems under Ambient Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9967-9971.	7.2	242
250	New Wine in Old Bottles: Prolonging Room-Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9293-9298.	7.2	105
251	Excitation-Dependent Long-Life Luminescent Polymeric Systems under Ambient Conditions. <i>Angewandte Chemie</i> , 2020, 132, 10053-10057.	1.6	49
252	Tunable Fluorescence and Room-Temperature Phosphorescence from Multiresponsive Pure Organic Copolymers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 1578-1583.	1.8	27
253	Dissecting Tetra- <i>N</i> -phenylbenzidine: Biphenyl as the Origin of Room Temperature Phosphorescence. <i>Journal of Physical Chemistry A</i> , 2020, 124, 479-485.	1.1	9
254	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.	2.1	36

#	ARTICLE	IF	CITATIONS
255	Eight Cd( <sup>II</sup> ) coordination polymers with persistent room-temperature phosphorescence: intriguing dual emission and time-resolved afterglow modulation. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 777-785.	3.0	34
256	Molecular Engineering for Metal-Free Amorphous Materials with Room-Temperature Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11206-11216.	7.2	322
257	Molecular Engineering for Metal-Free Amorphous Materials with Room-Temperature Phosphorescence. <i>Angewandte Chemie</i> , 2020, 132, 11302-11312.	1.6	65
258	Biocompatible metal-free organic phosphorescent nanoparticles for efficiently multidrug-resistant bacteria eradication. <i>Science China Materials</i> , 2020, 63, 316-324.	3.5	20
259	Clustering-Triggered Efficient Room-Temperature Phosphorescence from Nonconventional Luminophores. <i>ChemPhysChem</i> , 2020, 21, 36-42.	1.0	39
260	Highly Efficient Organic Afterglow from a 2D Layered Lead-Free Metal Halide in Both Crystals and Thin Films under an Air Atmosphere. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 1419-1426.	4.0	48
261	Metallacycle Transfer and its Link to Light-Emitting Materials and Conjugated Polymers. <i>Chemical Record</i> , 2020, 20, 640-648.	2.9	13
262	Manipulating the Ultralong Organic Phosphorescence of Small Molecular Crystals. <i>Chemistry - A European Journal</i> , 2020, 26, 4437-4448.	1.7	92
263	Orange Organic Long-persistent Luminescence from an Electron Donor/Acceptor Binary System. <i>Chemistry Letters</i> , 2020, 49, 203-206.	0.7	9
264	Design of highly efficient deep-blue organic afterglow through guest sensitization and matrices rigidification. <i>Nature Communications</i> , 2020, 11, 4802.	5.8	148
265	Color-Tunable, Excitation-Dependent, and Time-Dependent Afterglows from Pure Organic Amorphous Polymers. <i>Advanced Materials</i> , 2020, 32, e2004768.	11.1	181
266	Organic Long-Persistent Luminescence from a Thermally Activated Delayed Fluorescence Compound. <i>Advanced Materials</i> , 2020, 32, e2003911.	11.1	86
267	Phosphorus-containing amorphous pure organic room-temperature phosphorescent materials. <i>European Polymer Journal</i> , 2020, 141, 110072.	2.6	4
268	Room-temperature phosphorescence from a purely organic tetraphenylmethane derivative with formyl groups in both solution and crystalline states. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14360-14364.	2.7	15
269	Ultralong and High-Efficiency Room Temperature Phosphorescence of Organic-Phosphors-Doped Polymer Films Enhanced by 3D Network. <i>Advanced Optical Materials</i> , 2020, 8, 2001192.	3.6	47
270	Non-noble-metal-based organic emitters for OLED applications. <i>Materials Science and Engineering Reports</i> , 2020, 142, 100581.	14.8	55
271	The Substituent-Induced Symmetry-Forbidden Electronic Transition Allows Significant Optical Limiting under Weak Sky-Blue Irradiance. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8675-8681.	2.1	10
272	Persistent Organic Room-Temperature Phosphorescence in Cyclohexane- <i>trans</i> -1,2-Bisphthalimide Derivatives: The Dramatic Impact of Heterochiral vs Homochiral interactions. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6426-6434.	2.1	20



#	ARTICLE	IF	CITATIONS
273	A Synergistic Enhancement Strategy for Realizing Ultralong and Efficient Room-Temperature Phosphorescence. <i>Angewandte Chemie</i> , 2020, 132, 18907-18913.	1.6	22
274	Pure-organic phosphine oxide luminescent materials. <i>Journal of Information Display</i> , 2020, 21, 149-172.	2.1	8
275	A Synergistic Enhancement Strategy for Realizing Ultralong and Efficient Room-Temperature Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18748-18754.	7.2	148
276	Anchoring Carbon Nanodots onto Nanosilica for Phosphorescence Enhancement and Delayed Fluorescence Nascence in Solid and Liquid States. <i>Small</i> , 2020, 16, e2005228.	5.2	61
277	Conformation-Dependent Phosphorescence of Galactose-Decorated Phosphors and Assembling-Induced Phosphorescence Enhancement. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 52059-52069.	4.0	18
278	Monochromophore-Based Phosphorescence and Fluorescence from Pure Organic Assemblies for Ratiometric Hypoxia Detection. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23456-23460.	7.2	62
279	Monochromophore-Based Phosphorescence and Fluorescence from Pure Organic Assemblies for Ratiometric Hypoxia Detection. <i>Angewandte Chemie</i> , 2020, 132, 23662-23666.	1.6	7
280	All-Organic, Temporally Pure White Afterglow in Amorphous Films Using Complementary Blue and Greenish-Yellow Ultralong Room Temperature Phosphors. <i>Advanced Functional Materials</i> , 2020, 30, 2003693.	7.8	108
281	Structure-lock induced phosphorescence lifetime enhancing of (9H-carbazol-9-yl)(phenyl)methanone: An organic phosphorescent materials. <i>Journal of Luminescence</i> , 2020, 227, 117587.	1.5	13
282	Organic Luminophores Exhibiting Bimodal Emissions of Fluorescence and Room-Temperature Phosphorescence for Versatile Applications. <i>ChemistrySelect</i> , 2020, 5, 12770-12776.	0.7	7
283	Phosphorescence Quenching of Heavy-Atom-Free Dopant Chromophores Triggered by Thermally Activated Triplet Exciton Diffusion of a Conjugated Crystalline Host. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25121-25132.	1.5	10
284	Chiral lanthanide lumino-glass for a circularly polarized light security device. <i>Communications Chemistry</i> , 2020, 3, .	2.0	45
285	Achieving Purely-Organic Room-Temperature Aqueous Phosphorescence via a Two-Component Macromolecular Self-Assembly Strategy. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3469-3474.	1.7	3
286	Elucidation of distinct fluorescence and room-temperature phosphorescence of organic polymorphs from benzophenone-borate derivatives. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21445-21452.	1.3	11
287	Breaking Kasha's Rule as a Mechanism for Solution-Phase Room-Temperature Phosphorescence from High-Lying Triplet Excited State. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8246-8251.	2.1	23
288	Room-temperature phosphorescence from organic aggregates. <i>Nature Reviews Materials</i> , 2020, 5, 869-885.	23.3	786
289	Room temperature phosphorescence from heavy atom free benzophenone boronic ester derivatives. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	0.8	5
290	Nonconventional luminophores with unprecedented efficiencies and color-tunable afterglows. <i>Materials Horizons</i> , 2020, 7, 2105-2112.	6.4	80

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291	Large-scale preparation for efficient polymer-based room-temperature phosphorescence via click chemistry. <i>Science Advances</i> , 2020, 6, eaaz6107.	4.7	101
292	Room Temperature Phosphorescent Crystals Consisting of Cyclized Guests and Their Uncyclized Mother Host Molecules. <i>Chemistry Letters</i> , 2020, 49, 921-924.	0.7	7
293	Tuning molecular emission of organic emitters from fluorescence to phosphorescence through push-pull electronic effects. <i>Nature Communications</i> , 2020, 11, 2617.	5.8	117
294	Persistent Room Temperature Phosphorescence from Triarylboranes: A Combined Experimental and Theoretical Study. <i>Angewandte Chemie</i> , 2020, 132, 17285-17292.	1.6	22
295	Persistent Room Temperature Phosphorescence from Triarylboranes: A Combined Experimental and Theoretical Study. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17137-17144.	7.2	82
296	Wide-Range Color-Tunable Organic Phosphorescence Materials for Printable and Writable Security Inks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16054-16060.	7.2	340
297	Wide-Range Color-Tunable Organic Phosphorescence Materials for Printable and Writable Security Inks. <i>Angewandte Chemie</i> , 2020, 132, 16188-16194.	1.6	40
298	The Effect of Electron Donation and Intermolecular Interactions on Ultralong Phosphorescence Lifetime of 4-Carboxyl Phenylboronic Acids. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2746-2754.	1.1	18
299	Stimuli-Responsive Purely Organic Room-Temperature Phosphorescence Materials. <i>Chemistry - A European Journal</i> , 2020, 26, 11914-11930.	1.7	76
300	Aromatic Phosphonates: A Novel Group of Emitters Showing Blue Ultralong Room Temperature Phosphorescence. <i>Advanced Materials</i> , 2020, 32, e2000880.	11.1	118
301	Heavy Atom Effect of Selenium for Metal-Free Phosphorescent Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2020, 32, 2583-2592.	3.2	86
302	Highly Efficient Persistent Room-Temperature Phosphorescence from Heavy Atom-Free Molecules Triggered by Hidden Long Phosphorescent Antenna. <i>Advanced Materials</i> , 2020, 32, e2001348.	11.1	113
303	Organic Room-Temperature Phosphorescent Materials: From Static to Dynamic. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6191-6200.	2.1	71
304	Accessing Tunable Afterglows from Highly Twisted Nonaromatic Organic AIEgens via Effective Through-Space Conjugation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10018-10022.	7.2	120
305	Structural change of trans-azobenzene crystal and powder under high pressure. <i>Journal of Molecular Structure</i> , 2020, 1206, 127745.	1.8	3
306	Color-tunable ultralong organic room temperature phosphorescence from a multicomponent copolymer. <i>Nature Communications</i> , 2020, 11, 944.	5.8	278
307	Room temperature phosphorescence from organic luminogens in a non-crystalline state. <i>Supramolecular Chemistry</i> , 2020, 32, 287-311.	1.5	4
308	Accessing Tunable Afterglows from Highly Twisted Nonaromatic Organic AIEgens via Effective Through-Space Conjugation. <i>Angewandte Chemie</i> , 2020, 132, 10104-10108.	1.6	12

#	ARTICLE	IF	CITATIONS
309	New route to strong, long-lived room-temperature phosphorescence using organic phosphor guest-friendly matrices [Al(DMSO) <sub>6</sub> ]X <sub>3</sub> (X=Cl <sup>-</sup> , Br <sup>-</sup> ). <i>Dyes and Pigments</i> , 2020, 177, 108323.	2.0	5
310	A clustering-triggered emission strategy for tunable multicolor persistent phosphorescence. <i>Chemical Science</i> , 2020, 11, 2926-2933.	3.7	127
311	Quinoline-containing diarylethenes: bridging between turn-on fluorescence, RGB switching and room temperature phosphorescence. <i>Chemical Science</i> , 2020, 11, 2729-2734.	3.7	26
312	Pure Organic Room Temperature Phosphorescence from Unique Micelle-Assisted Assembly of Nanocrystals in Water. <i>Advanced Functional Materials</i> , 2020, 30, 1907282.	7.8	75
313	Two-Coordinate Copper(I)/NHC Complexes: Dual Emission Properties and Ultralong Room-Temperature Phosphorescence. <i>Angewandte Chemie</i> , 2020, 132, 8287-8294.	1.6	15
314	Two-Coordinate Copper(I)/NHC Complexes: Dual Emission Properties and Ultralong Room-Temperature Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8210-8217.	7.2	72
315	Insights on aggregation induced room temperature phosphorescence properties: A QM/MM study. <i>Journal of Luminescence</i> , 2020, 221, 117046.	1.5	11
316	Effect of the Tris(trimethylsilyl)silyl Group on the Fluorescence and Triplet Yields of Oligothiophenes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 3277-3286.	1.5	20
317	Proton-Activated Amorphous Room-Temperature Phosphorescence for Humidity Sensing and High-Level Data Encryption. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1088-1093.	1.7	10
318	Organic Room Temperature Phosphorescence Materials for Biomedical Applications. <i>Chemistry - an Asian Journal</i> , 2020, 15, 947-957.	1.7	101
319	Tunable dual emission of fluorescence-phosphorescence at room temperature based on pure organic supramolecular gels. <i>Dyes and Pigments</i> , 2020, 181, 108506.	2.0	5
320	Tuning Multimode Luminescence in Lanthanide(III) and Manganese(II) Co-Doped CaZnOS Crystals. <i>Advanced Optical Materials</i> , 2020, 8, 2000274.	3.6	42
321	Ultrastable and colorful afterglow from organic luminophores in amorphous nanocomposites: advanced anti-counterfeiting and in vivo imaging application. <i>Nano Research</i> , 2020, 13, 1035-1043.	5.8	42
322	Activating Intersystem Crossing and Aggregation Coupling by CN-Substitution for Efficient Organic Ultralong Room Temperature Phosphorescence. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10129-10134.	1.5	24
323	Many Exciplex Systems Exhibit Organic Long-Persistent Luminescence. <i>Advanced Functional Materials</i> , 2020, 30, 2000795.	7.8	64
324	High contrast temperature-responsive luminescence materials from purely organic molecule with persistent room-temperature phosphorescence. <i>Journal of Luminescence</i> , 2021, 230, 117731.	1.5	5
325	Producing long afterglow by cellulose confinement effect: A wood-inspired design for sustainable phosphorescent materials. <i>Carbon</i> , 2021, 171, 946-952.	5.4	41
326	Multi-Mode Color-Tunable Long Persistent Luminescence in Single-Component Coordination Polymers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2526-2533.	7.2	64

#	ARTICLE	IF	CITATIONS
327	Ïfa€Conjugation and Hâ€Bondâ€Directed Supramolecular Selfâ€Assembly: Key Features for Efficient Longâ€Lived Room Temperature Phosphorescent Organic Molecular Crystals. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2446-2454.	7.2	29
328	Multicolor ultralong room-temperature phosphorescence from pure organic emitters by structural isomerism. <i>Chemical Engineering Journal</i> , 2021, 408, 127309.	6.6	16
329	Benzo[1,2-b:4,5-b']dithiophene as a weak donor component for push-pull materials displaying thermally activated delayed fluorescence or room temperature phosphorescence. <i>Dyes and Pigments</i> , 2021, 186, 109022.	2.0	11
330	Persistent room temperature blue phosphorescence from racemic crystals of 1,1-diphenylmethanol derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 407, 113043.	2.0	2
331	A color-tunable single molecule white light emitter with high luminescence efficiency and ultra-long room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 727-735.	2.7	33
332	Five lead(II) coordinated polymers assembled from asymmetric azoles carboxylate ligands: Synthesis, structures and fluorescence properties. <i>Inorganica Chimica Acta</i> , 2021, 514, 120035.	1.2	6
333	Ïfa€Conjugation and Hâ€Bondâ€Directed Supramolecular Selfâ€Assembly: Key Features for Efficient Longâ€Lived Room Temperature Phosphorescent Organic Molecular Crystals. <i>Angewandte Chemie</i> , 2021, 133, 2476-2484.	1.6	9
334	Multiâ€Mode Colorâ€Tunable Long Persistent Luminescence in Singleâ€Component Coordination Polymers. <i>Angewandte Chemie</i> , 2021, 133, 2556-2563.	1.6	19
335	Highly efficient room-temperature organic afterglow achieved by collaboration of luminescent dimeric TADF dopants and rigid matrices. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3939-3947.	2.7	31
336	Recent advances in persistent luminescence based on molecular hybrid materials. <i>Chemical Society Reviews</i> , 2021, 50, 5564-5589.	18.7	331
337	Purely organic phosphorescent organic light emitting diodes using alkyl modified phenoselenazine. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8233-8238.	2.7	19
338	Unexpected long room-temperature phosphorescence lifetimes of up to 1.0 s observed in iodinated molecular systems. <i>Chemical Communications</i> , 2021, 57, 8794-8797.	2.2	36
339	Vibrational Radiationless Transition from Triplet States of Chromophores at Room Temperature. <i>Journal of Physical Chemistry A</i> , 2021, 125, 885-894.	1.1	11
340	Recent Advances of Pure Organic Room Temperature Phosphorescence Materials for Bioimaging Applications. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 73-82.	1.3	23
341	Efficient metal-free organic room temperature phosphors. <i>Chemical Science</i> , 2021, 12, 4216-4236.	3.7	117
342	Boosting purely organic room-temperature phosphorescence performance through a hostâ€guest strategy. <i>Chemical Science</i> , 2021, 12, 13580-13587.	3.7	27
343	Boosting the humidity resistance of nonconventional luminogens with room temperature phosphorescence <i>via</i> enhancing the strength of hydrogen bonds. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8515-8523.	2.7	35
344	The initial attempt to reveal the emission processes of both mechanoluminescence and room temperature phosphorescence with the aid of circular dichroism in solid state. <i>Science China Chemistry</i> , 2021, 64, 445-451.	4.2	46

#	ARTICLE	IF	CITATIONS
346	The Progress of Circularly Polarized Luminescence in Chiral Purely Organic Materials. <i>Advanced Photonics Research</i> , 2021, 2, 2000136.	1.7	51
347	Luminous Butterflies: Rational Molecular Design to Optimize Crystal Packing for Dramatically Enhanced Room-Temperature Phosphorescence. <i>Advanced Optical Materials</i> , 2021, 9, 2001549.	3.6	23
348	Recent progress on pure organic room temperature phosphorescent polymers. <i>Aggregate</i> , 2021, 2, e38.	5.2	119
349	Ultralong and Color-Tunable Room-Temperature Phosphorescence Based on Commercial Melamine for Anticounterfeiting and Information Recognition. <i>Analytical Chemistry</i> , 2021, 93, 4075-4083.	3.2	31
350	Simple Vanilla Derivatives for Long-Lived Room-Temperature Polymer Phosphorescence as Invisible Security Inks. <i>Research</i> , 2021, 2021, 8096263.	2.8	22
351	Luminescence lifetime imaging of ultra-long room temperature phosphorescence on a smartphone. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3291-3297.	1.9	11
352	Phenothiazine-Quinoline Conjugates Realizing Intrinsic Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence: Understanding the Mechanism and Electroluminescence Devices. <i>Advanced Photonics Research</i> , 2021, 2, 2000201.	1.7	11
353	Boosting Wide-Range Tunable Long-Afterglow in 1D Metal-Organic Halide Micro/Nanocrystals for Space/Time-Resolved Information Photonics. <i>Advanced Materials</i> , 2021, 33, e2007571.	11.1	138
354	Recent Progress in Pure Organic Room Temperature Phosphorescence of Small Molecular Host-Guest Systems. , 2021, 3, 379-397.		155
355	Room Temperature Phosphorescence from Organic Materials: Unravelling the Emissive Behaviour of Chloro-Substituted Derivatives of Cyclic Triimidazole. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2041-2049.	1.2	13
356	Triphenylamine-based trinuclear Pt(II) complexes for solution-processed OLEDs displaying efficient pure yellow and red emissions. <i>Organic Electronics</i> , 2021, 91, 106101.	1.4	9
357	Ultraviolet irradiation-responsive dynamic ultralong organic phosphorescence in polymeric systems. <i>Nature Communications</i> , 2021, 12, 2297.	5.8	196
358	Design Guidelines to Elongate Spin-Lattice Relaxation Times of Porphyrins with Large Triplet Electron Polarization. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4334-4340.	1.1	8
359	Achieving High Afterglow Brightness in Organic Dopant-Matrix Systems. <i>Advanced Optical Materials</i> , 2021, 9, 2100353.	3.6	54
360	Achieving Purely Organic Room-Temperature Phosphorescence Mediated by a Host-Guest Charge Transfer State. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 4600-4608.	2.1	47
361	Key of Suppressed Triplet Nonradiative Transition-Dependent Chemical Backbone for Spatial Self-Tunable Afterglow. <i>Jacs Au</i> , 2021, 1, 945-954.	3.6	20
362	Purely Organic Microparticles Showing Ultralong Room Temperature Phosphorescence. <i>ACS Omega</i> , 2021, 6, 13087-13093.	1.6	5
363	Significantly Enhanced Afterglow Brightness via Intramolecular Energy Transfer. , 2021, 3, 713-720.		20

#	ARTICLE	IF	CITATIONS
364	TADF-Type Organic Afterglow. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17138-17147.	7.2	115
365	Emission color management of dual emitting organic light-emitting diodes by selective switching of phosphorescence through host engineering. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 98, 270-274.	2.9	6
366	Wide-range lifetime-tunable and responsive ultralong organic phosphorescent multi-host/guest system. <i>Nature Communications</i> , 2021, 12, 3522.	5.8	161
367	TADF-Type Organic Afterglow. <i>Angewandte Chemie</i> , 2021, 133, 17275-17284.	1.6	17
368	Tailoring Noncovalent Interactions to Activate Persistent Room-Temperature Phosphorescence from Doped Polyacrylonitrile Films. <i>Advanced Functional Materials</i> , 2021, 31, 2101656.	7.8	83
369	Influence of Guest/Host Morphology on Room Temperature Phosphorescence Properties of Pure Organic Doped Systems. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7357-7364.	2.1	26
370	Organic composite materials: Understanding and manipulating excited states toward higher light-emitting performance. <i>Aggregate</i> , 2021, 2, e103.	5.2	7
371	Lifetime-tunable green room temperature phosphorescence of carbon dots by the multi-step modification. <i>Optics Express</i> , 2021, 29, 41014.	1.7	5
372	Modulating Room Temperature Phosphorescence by Oxidation of Thianthrene to Achieve Pure Organic Single-Molecule White-Light Emission. <i>CCS Chemistry</i> , 2021, 3, 1940-1948.	4.6	28
373	Tuning Organic Room-Temperature Phosphorescence through the Confinement Effect of Inorganic Micro/Nanostructures. <i>Small Structures</i> , 2021, 2, 2100044.	6.9	43
374	Persistent Room-Temperature Phosphorescence from Purely Organic Molecules and Multi-Component Systems. <i>Advanced Optical Materials</i> , 2021, 9, 2100411.	3.6	81
375	Developing Efficient Dinuclear Pt(II) Complexes Based on the Triphenylamine Core for High-Efficiency Solution-Processed OLEDs. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 36020-36032.	4.0	7
376	Large-Area, Flexible, Transparent, and Long-Lived Polymer-Based Phosphorescence Films. <i>Journal of the American Chemical Society</i> , 2021, 143, 13675-13685.	6.6	237
377	Synaptic Plasticity Powering Long-Afterglow Organic Light-Emitting Transistors. <i>Advanced Materials</i> , 2021, 33, e2103369.	11.1	23
378	Time-Dependent Afterglow from a Single Component Organic Luminogen. <i>Research</i> , 2021, 2021, 9757460.	2.8	9
379	Supramolecular Purely Organic Room-Temperature Phosphorescence. <i>Accounts of Chemical Research</i> , 2021, 54, 3403-3414.	7.6	179
380	Organic Persistent Luminescent Materials: Ultralong Room-Temperature Phosphorescence and Multicolor-Tunable Afterglow. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41131-41139.	4.0	35
381	Multistage Stimulus-Responsive Room Temperature Phosphorescence Based on Host-Guest Doping Systems. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20259-20263.	7.2	125

#	ARTICLE	IF	CITATIONS
382	Reduced Intrinsic Non-radiative Losses Allow Room-temperature Triplet Emission from Purely Organic Emitters. <i>Advanced Materials</i> , 2021, 33, e2101844.	11.1	28
383	Multistage Stimulus-responsive Room Temperature Phosphorescence Based on Host-guest Doping Systems. <i>Angewandte Chemie</i> , 2021, 133, 20421-20425.	1.6	17
384	Tunable Photoluminescence Properties of Microcrystalline Cellulose with Gradually Changing Crystallinity and Crystal Form. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100321.	2.0	25
385	Long-range Charge Transportation Induced Organic Host-guest Dual Color Long Persistent Luminescence. <i>Advanced Optical Materials</i> , 2021, 9, 2101337.	3.6	17
386	Modulation of red organic room-temperature phosphorescence in heavy atom-free phosphors. <i>Dyes and Pigments</i> , 2021, 193, 109505.	2.0	24
387	Ultralong Organic Phosphorescent Foams with High Mechanical Strength. <i>Journal of the American Chemical Society</i> , 2021, 143, 16256-16263.	6.6	84
388	A facile strategy to realize metal-free room-temperature phosphorescence by construct nitrogen doped carbon dots-based nanocomposite. <i>Microchemical Journal</i> , 2022, 172, 106878.	2.3	12
389	Color-Tunable Long-Lived Room-Temperature Phosphorescence in a Coordination Polymer Based on a Nonaromatic Ligand and Its Phosphor/Coordination Polymer-Doped Systems. <i>Chemistry of Materials</i> , 2021, 33, 7272-7282.	3.2	19
390	Oxygen sensing properties of thianthrene and phenothiazine derivatives exhibiting room temperature phosphorescence: Effect of substitution of phenothiazine moieties. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130369.	4.0	22
391	Switchable circularly polarized Room-Temperature phosphorescence based on pure organic amorphous binaphthyl polymer. <i>Chemical Engineering Journal</i> , 2021, 421, 129732.	6.6	56
392	Multiemission tunability with ultralong and time-dependent room-temperature phosphorescence from isophthalic acid-decorated carbazole by coordination-induced crystallization. <i>Dyes and Pigments</i> , 2021, 195, 109715.	2.0	8
393	Recent progress in organic color-tunable phosphorescent materials. <i>Journal of Materials Science and Technology</i> , 2022, 101, 264-284.	5.6	38
394	Excitation-dependent organic phosphors exhibiting different luminescence colors for information anti-counterfeiting. <i>Chemical Engineering Journal</i> , 2022, 429, 132288.	6.6	37
395	Dynamic adjustment of emission from both singlets and triplets: the role of excited state conformation relaxation and charge transfer in phenothiazine derivatives. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1378-1386.	2.7	22
396	White light employing luminescent engineered large (mega) Stokes shift molecules: a review. <i>RSC Advances</i> , 2021, 11, 13409-13445.	1.7	37
397	Heavy-Atom-Free Room-Temperature Phosphorescent Organic Light-Emitting Diodes Enabled by Excited States Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 2899-2907.	4.0	48
398	Room-temperature phosphorescent organic materials for optical waveguides. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14115-14132.	2.7	18
399	Biluminescence Under Ambient Conditions: Water-soluble Organic Emitter in High-oxygen-barrier Polymer. <i>Advanced Optical Materials</i> , 2020, 8, 2000427.	3.6	39

#	ARTICLE	IF	CITATIONS
400	Synthesis of Arylamines via Aminium Radicals. <i>Angewandte Chemie</i> , 2017, 129, 15144-15148.	1.6	29
401	Charge-Transfer and Arrangement Effects on Delayed Photoluminescence from Phthalimide Cocrystals. <i>ChemPhotoChem</i> , 2018, 2, 42-52.	1.5	14
402	Precious Metal-Free Organic Small Molecule Luminophores That Exhibit Room Temperature Phosphorescence. , 2019, , 43-76.		4
403	Synthesis of Insulated Heteroaromatic Platinum- $\sigma$ -Acetylide Complexes with Color-Tunable Phosphorescence in Solution and Solid States. <i>Journal of Organic Chemistry</i> , 2020, 85, 3082-3091.	1.7	8
404	Near-Infrared-Excitable Organic Ultralong Phosphorescence through Multiphoton Absorption. <i>Research</i> , 2020, 2020, 2904928.	2.8	10
405	Polymorphism-Dependent Dynamic Ultralong Organic Phosphorescence. <i>Research</i> , 2020, 2020, 8183450.	2.8	33
406	Converting molecular luminescence to ultralong room-temperature phosphorescence via the excited state modulation of sulfone-containing heteroaromatics. <i>Chemical Science</i> , 2021, 12, 14808-14814.	3.7	27
407	Synergetic enhancement of room-temperature phosphorescence via water molecules as a hydrogen bonding bridge. <i>Journal of Materials Chemistry C</i> , 2021, 9, 16581-16586.	2.7	16
408	Organic clusters with time-dependent color-tunable dual persistent room-temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15998-16005.	2.7	9
409	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. <i>Journal of the American Chemical Society</i> , 2021, 143, 18527-18535.	6.6	132
410	Manipulation of Organic Afterglow by Thermodynamic and Kinetic Control. <i>Chemistry - A European Journal</i> , 2021, 27, 16735-16743.	1.7	6
411	The Synthesis and Properties of TIPA-Dominated Porous Metal-Organic Frameworks. <i>Nanomaterials</i> , 2021, 11, 2791.	1.9	3
412	Color-Tunable Supramolecular Luminescent Materials. <i>Advanced Materials</i> , 2022, 34, e2105405.	11.1	74
414	Near Infrared Fluorescent Nanostructure Design for Organic/Inorganic Hybrid System. <i>Biomedicines</i> , 2021, 9, 1583.	1.4	6
415	High-Speed and Continuous-Wave Programmable Luminescent Tags Based on Exclusive Room Temperature Phosphorescence (RTP). <i>Advanced Science</i> , 2021, 8, e2102104.	5.6	28
416	Recent Advances on Host-Guest Material Systems toward Organic Room Temperature Phosphorescence. <i>Small</i> , 2022, 18, e2104073.	5.2	170
417	Unveiling the mechanisms of organic room-temperature phosphorescence in various surrounding environments: a computational study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26813-26821.	1.3	6
418	Lanthanide-containing persistent luminescence materials with superbright red afterglow and excellent solution processability. <i>Science China Chemistry</i> , 2021, 64, 2125-2133.	4.2	18



#	ARTICLE	IF	CITATIONS
419	Tailored Fabrication of Carbon Dot Composites with Full-Color Ultralong Room-Temperature Phosphorescence for Multidimensional Encryption. <i>Advanced Science</i> , 2022, 9, e2103833.	5.6	100
420	Thermo-Reversible Persistent Phosphorescence Modulation Reveals the Large Contribution Made by Rigidity to the Suppression of Endothermic Intermolecular Triplet Quenching. <i>Frontiers in Chemistry</i> , 2021, 9, 788577.	1.8	3
421	Two-Component Design Strategy: Achieving Intense Organic Afterglow and Diverse Functions in Coronene-Matrix Systems. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26986-26998.	1.5	30
422	Protic acids as third components improve the phosphorescence properties of the guest-host system through hydrogen bonds. <i>Chemical Engineering Journal</i> , 2022, 433, 133530.	6.6	25
423	Red-light emissive phosphorescent polymers based on X-shaped single benzene. <i>Dyes and Pigments</i> , 2022, 198, 110005.	2.0	9
424	Phase- and Halogen-Dependent Room-Temperature Phosphorescence Properties of Biphenylnitrile Derivatives. <i>Journal of Physical Chemistry C</i> , 2021, 125, 27489-27496.	1.5	4
425	Design Guidelines for Rigid Epoxy Resins with High Photon Upconversion Efficiency: Critical Role of Emitter Concentration. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 22771-22780.	4.0	6
426	Highly sensitive and quantitative biodetection with lipid-polymer hybrid nanoparticles having organic room-temperature phosphorescence. <i>Biosensors and Bioelectronics</i> , 2022, 199, 113889.	5.3	8
427	Two-component design strategy: TADF-Type organic afterglow for time-gated chemodosimeters. <i>Chemical Engineering Journal</i> , 2022, 431, 134197.	6.6	25
428	Matrix-free nitrogen-doped carbon dots with room temperature phosphorescence for information encryption and temperature detection. <i>Microchemical Journal</i> , 2022, 175, 107126.	2.3	14
429	Triplet exciton dynamics of pure organics with halogen substitution boosted two photon absorption and room temperature phosphorescence: A theoretical perspective. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120786.	2.0	9
430	Triplet harvesting aryl carbonyl-based luminescent materials: progress and prospective. <i>Journal of Materials Chemistry C</i> , 2021, 9, 17233-17264.	2.7	17
431	Unveiling the crucial contributions of electrostatic and dispersion interactions to the ultralong room-temperature phosphorescence of H-bond crosslinked poly(vinyl alcohol) films. <i>Materials Horizons</i> , 2022, 9, 1081-1088.	6.4	42
432	Vitrimer enhanced carbazole-based organic room-temperature phosphorescent materials. <i>New Journal of Chemistry</i> , 2021, 46, 276-281.	1.4	5
433	Rational Design of a Triplet Afterglow Sensitizer Allowing for Bright Long-Wavelength Afterglow Room-Temperature Emission. <i>Chemistry of Materials</i> , 2022, 34, 1627-1637.	3.2	16
434	Boosting organic afterglow efficiency via triplet-triplet annihilation and thermally-activated delayed fluorescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4795-4804.	2.7	7
435	Progress on Exploring the Luminescent Properties of Organic Molecular Aggregates by Multiscale Modeling. <i>Frontiers in Chemistry</i> , 2021, 9, 808957.	1.8	3
436	Persistent room temperature phosphorescence films based on star-shaped organic emitters. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1833-1838.	2.7	9

#	ARTICLE	IF	CITATIONS
437	Molecular physics of persistent room temperature phosphorescence and long-lived triplet excitons. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	66
438	Stepwise Energy Transfer: Near-Infrared Persistent Luminescence from Doped Polymeric Systems. <i>Advanced Materials</i> , 2022, 34, e2108333.	11.1	97
439	Folding-Induced Spin-Orbit Coupling Enhancement for Efficient Pure Organic Room-Temperature Phosphorescence. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1563-1570.	2.1	14
440	On-Demand Circularly Polarized Room-Temperature Phosphorescence in Chiral Nematic Nanoporous Silica Films. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	14
441	Single organic molecular systems for white light emission and their classification with associated emission mechanism. <i>Applied Materials Today</i> , 2022, 27, 101407.	2.3	9
442	Manipulation of Triplet Excited States for Long-Lived and Efficient Organic Afterglow. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	34
443	Room temperature tunable multicolor phosphorescent polymers for humidity detection and information encryption. <i>RSC Advances</i> , 2022, 12, 8145-8153.	1.7	5
444	From aggregation-induced emission to organic room temperature phosphorescence through suppression of molecular vibration. <i>Cell Reports Physical Science</i> , 2022, 3, 100771.	2.8	18
445	Stimulus-responsive room temperature phosphorescence materials with full-color tunability from pure organic amorphous polymers. <i>Science Advances</i> , 2022, 8, eabl8392.	4.7	143
446	ä%ä°šè<_ã&...¶ãé”®ãê•æ™¶ä½“çš,,èž°æ—<ç>“æž,,á’CEè¶...é•jã_ã½ã°æ,©ç£•ã...%. <i>Scientia Sinica Chimica</i> , 2022, .		0
447	Long-Lived Room Temperature Phosphorescence Crystals with Green Light Excitation. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 15706-15715.	4.0	36
448	Synergistic Generation and Accumulation of Triplet Excitons for Efficient Ultralong Organic Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	33
449	Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence in Asymmetric Phenoxazine-Quinoline (D2A) Conjugates and Dual Electroluminescence. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5649-5657.	1.5	15
450	Cross-Linked Polyphosphazene Nanospheres Boosting Long-Lived Organic Room-Temperature Phosphorescence. <i>Journal of the American Chemical Society</i> , 2022, 144, 6107-6117.	6.6	105
451	Synergistic Generation and Accumulation of Triplet Excitons for Efficient Ultralong Organic Phosphorescence. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
452	Long Persistent Luminescence of Melt-Grown Bulk-Sized Doped Organic Crystals. <i>Advanced Optical Materials</i> , 0, , 2102355.	3.6	1
453	Carbon Dots Confined in Silica Nanoparticles for Triplet-to-Singlet Förster Resonance Energy-Transfer-Induced Delayed Fluorescence. <i>ACS Applied Nano Materials</i> , 2022, 5, 5168-5175.	2.4	11
454	Aggregation-Induced Dual Phosphorescence from (<i>o</i>)-Bromophenyl)-Bis(2,6-Dimethylphenyl)Borane at Room Temperature. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	7

#	ARTICLE	IF	CITATIONS
455	A host-guest organic afterglow system with significant guest induced enhancement of phosphorescence. <i>Dyes and Pigments</i> , 2022, 201, 110196.	2.0	8
456	Tunable Second-Level Room-Temperature Phosphorescence of Solid Supramolecules between Acrylamide-Phenylpyridium Copolymers and Cucurbit[7]uril. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	57
457	White Emissions Containing Room Temperature Phosphorescence from Different Excited States of a Dâ€“A Molecule Depending on the Aggregate States. <i>Advanced Science</i> , 2022, 9, e2104539.	5.6	21
458	Tunable Second-Level Room-Temperature Phosphorescence of Solid Supramolecules between Acrylamide-Phenylpyridium Copolymers and Cucurbit[7]uril. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	9
459	Highly Efficient TADF-Type Organic Afterglow of Long Emission Wavelengths. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	50
460	Intense Organic Afterglow Enabled by Molecular Engineering in Dopant-Matrix Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 1587-1600.	4.0	26
461	Modulation of the intramolecular hydrogen bonding and push-pull electron effects toward realizing highly efficient organic room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 13797-13804.	2.7	19
463	Chorioretinal Hypoxia Detection Using Lipid-Polymer Hybrid Organic Room-Temperature Phosphorescent Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 18182-18193.	4.0	6
464	Manipulation of Triplet Excited States in Two-Component Systems for High-Performance Organic Afterglow Materials. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	26
465	Crystallization induced room-temperature phosphorescence and chiral photoluminescence properties of phosphoramides. <i>Chemical Science</i> , 2022, 13, 5893-5901.	3.7	21
466	Modulation of triplet-mediated emission from selenoxanthen-9-one-based Dâ€“D type emitters through tuning the twist angle to realize electroluminescence efficiency over 25%. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7437-7442.	2.7	9
467	Manipulating room-temperature phosphorescence via lone-pair electrons and empty-orbital arrangements and hydrogen bond adjustment. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8854-8859.	2.7	5
468	Modulating the triplet chromophore environment to prolong the emission lifetime of ultralong organic phosphorescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 13747-13752.	2.7	5
469	Impact of Fabrication Processes of Small-Molecule-Doped Polymer Thin-Films on Room-Temperature Phosphorescence. <i>Frontiers in Physics</i> , 2022, 10, .	1.0	2
470	A facile and green strategy to obtain organic room-temperature phosphorescence from natural lignin. <i>Science China Chemistry</i> , 2022, 65, 1100-1104.	4.2	26
471	Recent advances of room temperature phosphorescence and long persistent luminescence by doping system of purely organic molecules. <i>Dyes and Pigments</i> , 2022, 204, 110400.	2.0	12
472	Phenoxazine-Quinoline Conjugates: Impact of Halogenation on Charge Transfer Triplet Energy Harvesting via Aggregate Induced Phosphorescence. <i>ACS Omega</i> , 2022, 7, 16827-16836.	1.6	6
473	Clustering and halogen effects enabled red/near-infrared room temperature phosphorescence from aliphatic cyclic imides. <i>Nature Communications</i> , 2022, 13, 2658.	5.8	92

#	ARTICLE	IF	CITATIONS
474	Metal and halogen-free purely organic room temperature phosphorescence material using heavy atom effect of phenoselenazine. <i>Organic Electronics</i> , 2022, 106, 106534.	1.4	7
475	Control of photoluminescence quantum yield and long-lived triplet emission lifetime in organic alloys. <i>Chemical Science</i> , 2022, 13, 6882-6887.	3.7	2
476	Boosting Organic Afterglow Performance via a Two-Component Design Strategy Extracted from Macromolecular Self-Assembly. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5030-5039.	2.1	8
477	Efficient monomolecular white emission of phenothiazine boronic ester derivatives with room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 10347-10355.	2.7	8
478	Enhancing room-temperature phosphorescence <i>via</i> intermolecular charge transfer in dopant-matrix systems. <i>Chemical Communications</i> , 2022, 58, 8137-8140.	2.2	9
479	A "Flexible" Purely Organic Molecule Exhibiting Strong Spin-Orbital Coupling: Toward Nondoped Room-Temperature Phosphorescence OLEDs. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 4971-4980.	2.1	14
480	Thermally Activated and Aggregation-Regulated Excitonic Coupling Enable Emissive High-Lying Triplet Excitons**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	25
481	Thermally Activated and Aggregation-Regulated Excitonic Coupling Enable Emissive High-Lying Triplet Excitons**. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
482	Poly(arylene piperidine) Quaternary Ammonium Salts Promoting Stable Long-Lived Room-Temperature Phosphorescence in Aqueous Environment. <i>Advanced Materials</i> , 2022, 34, .	11.1	50
483	Ratiometric hypoxia detection by bright organic room temperature phosphorescence of uniformed silica nanoparticles in water. <i>Aggregate</i> , 2023, 4, .	5.2	14
484	Dynamic room-temperature phosphorescence by reversible transformation of photo-induced free radicals. <i>Science China Chemistry</i> , 2022, 65, 1538-1543.	4.2	17
485	A Benzene Ring-Linked Dimethylamino and Borate Ester-Based Molecule and Organic Crystal: Efficient Dual Room-Temperature Phosphorescence with Responsive Property. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	3
486	Evoking ultra-long molecular room temperature phosphorescence of pure carbazole derivatives. <i>Chemical Engineering Journal</i> , 2022, 447, 137458.	6.6	13
487	Binding model-tuned room-temperature phosphorescence of the bromo-naphthol derivatives based on cyclodextrins. <i>RSC Advances</i> , 2022, 12, 19313-19316.	1.7	1
488	In-Situ Grafting N-Arylcarbazoles Enables More Ultra-Long Room Temperature Phosphorescence Polymers. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
489	Achieving redox-responsive organic afterglow materials <i>via</i> a dopant-matrix design strategy. <i>Journal of Materials Chemistry C</i> , 2022, 10, 11634-11641.	2.7	8
490	Nearly Unity Quantum Yield Persistent Room Temperature Phosphorescence from Heavy Atom-Free Rigid Inorganic/Organic Hybrid Frameworks. <i>Angewandte Chemie</i> , 0, , .	1.6	0
491	Nearly Unity Quantum Yield Persistent Room-Temperature Phosphorescence from Heavy Atom-Free Rigid Inorganic/Organic Hybrid Frameworks. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	41

#	ARTICLE	IF	CITATIONS
492	Organic phosphorescent scintillation from copolymers by X-ray irradiation. <i>Nature Communications</i> , 2022, 13, .	5.8	55
493	Achieving purely organic room temperature phosphorescence in aqueous solution. <i>Aggregate</i> , 2023, 4, .	5.2	36
494	Theoretical insights into room temperature phosphorescence emission with anti-Kasha behavior in aggregate. <i>Dyes and Pigments</i> , 2022, 205, 110560.	2.0	8
495	AI-active Pt(II) complexes based on a three-ligand molecular framework for high performance solution-processed OLEDs. <i>Chemical Engineering Journal</i> , 2022, 449, 137457.	6.6	5
496	Cascade Synthesis of Luminescent Difluoroboron Diketonate Compounds for Room-Temperature Organic Afterglow Materials. <i>Chinese Journal of Chemistry</i> , 2022, 40, 2507-2515.	2.6	18
497	Photo-thermo-induced room-temperature phosphorescence through solid-state molecular motion. <i>Nature Communications</i> , 2022, 13, .	5.8	25
498	Identification of Lithocholic Acid as a Molecular Glass Host for Room-Temperature Phosphorescent Materials. <i>ChemPhotoChem</i> , 0, , .	1.5	0
499	Accurate Wavelength Tracking by Exciton Spin Mixing. <i>Advanced Materials</i> , 2022, 34, .	11.1	3
500	Purely Organic Blue Room-Temperature Phosphorescence Activated by Acrylamide In Situ Photopolymerization. <i>Advanced Optical Materials</i> , 0, , 2201330.	3.6	6
501	Enhanced Red Persistent Room-Temperature Phosphorescence Induced by Orthogonal Structure Disruption during Electronic Relaxation. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 7788-7796.	2.1	10
502	Ultralong organic phosphorescence from isolated molecules with repulsive interactions for multifunctional applications. <i>Nature Communications</i> , 2022, 13, .	5.8	61
503	Boosting organic phosphorescence in pure organics by mixed heavy atoms management. <i>Dyes and Pigments</i> , 2022, 207, 110741.	2.0	3
504	In-situ grafting N-arylcarbazoles enables more ultra-long room temperature phosphorescence polymers. <i>Chemical Engineering Journal</i> , 2023, 452, 139385.	6.6	14
505	Reexamining the heavy-atom-effect: The universal heavy-atom-induced fluorescence enhancement principle for through-space conjugated AIEgens. <i>Chemical Engineering Journal</i> , 2023, 451, 139030.	6.6	13
506	Merging photoinitiated bulk polymerization and the dopant-matrix design strategy for polymer-based organic afterglow materials. <i>Polymer Chemistry</i> , 2022, 13, 4641-4649.	1.9	5
507	Boosting Blue Emission of Organic Cations in a Sn(IV)-Based Perovskite by Constructing Intermolecular Interactions. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 8717-8724.	2.1	11
508	Organic Afterglow Emulsions Exhibiting 2.4 s Phosphorescence Lifetimes and Specific Protein Binding Property. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	18
509	A UV and X-ray dual photochromic Zn (II) metal-organic framework based on viologen: Photo-controlled luminescence and temperature-dependent phosphorescence. <i>Dyes and Pigments</i> , 2023, 208, 110812.	2.0	3

#	ARTICLE	IF	CITATIONS
510	Ultralong room-temperature phosphorescence from polycyclic aromatic hydrocarbons by accelerating intersystem crossing within a rigid polymer network. <i>Journal of Materials Chemistry C</i> , 2022, 10, 17620-17627.	2.7	17
511	A processable, scalable, and stable full-color ultralong afterglow system based on heteroatom-free hydrocarbon doped polymers. <i>Materials Horizons</i> , 2023, 10, 197-208.	6.4	21
512	H-Bonding Room Temperature Phosphorescence Materials via Facile Preparation for Water-Stimulated Photoluminescent Ink. <i>Molecules</i> , 2022, 27, 6482.	1.7	2
513	Activating Organic Phosphorescence via Heavy Metal-Induced Intersystem Crossing. <i>Advanced Materials</i> , 2022, 34, .	11.1	14
514	Dynamic B/N Lewis Pairs: Insights into the Structural Variations and Photochromism via Light-Induced Fluorescence to Phosphorescence Switching. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
515	Dynamic B/N Lewis Pairs: Insights into the Structural Variations and Photochromism via Light-Induced Fluorescence to Phosphorescence Switching. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
516	Distinguishing the Quantum Yield and Lifetime of Carbazole-Based Room-Temperature Phosphorescence Materials: QM/MM Study. <i>Annalen Der Physik</i> , 2022, 534, .	0.9	1
517	Efficient room-temperature phosphorescence of covalent organic frameworks through covalent halogen doping. <i>Nature Chemistry</i> , 2023, 15, 83-90.	6.6	52
518	External Heavy-Atom Activated Phosphorescence of Organic Luminophores in a Rigid Fluid Matrix. , 2022, 4, 2555-2561.		20
519	Conformational isomeric thermally activated delayed fluorescence (TADF) emitters: mechanism, applications, and perspectives. <i>Physical Chemistry Chemical Physics</i> , 2023, 25, 2729-2741.	1.3	8
520	Achieving long-lived room-temperature phosphorescence via charge transfer technology and dopant-matrix design strategy. <i>Dyes and Pigments</i> , 2023, 210, 110984.	2.0	4
521	Polymer-Based TADF-Type Organic Afterglow. <i>Journal of Physical Chemistry C</i> , 2022, 126, 20728-20738.	1.5	5
522	New Phthalic Anhydride-Based Room-Temperature Phosphorescence Emitter with Lifetime Longer Than One Second. <i>Advanced Optical Materials</i> , 2023, 11, .	3.6	3
523	Efficient Persistent Luminescence from Cellulose-Halide Mixtures for Optical Encryption. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 16752-16759.	3.2	8
524	A Twisted Phosphor: Breaking T <sub>1</sub> Energy Conservation in Dopant-Matrix Organic Phosphorescence Systems. <i>Advanced Optical Materials</i> , 2023, 11, .	3.6	4
525	Ultralong room temperature phosphorescence via the charge transfer-separation-recombination mechanism based on organic small molecule doping strategy. <i>Chinese Chemical Letters</i> , 2023, 34, 108062.	4.8	3
526	Recent advances in room-temperature phosphorescent materials by manipulating intermolecular interactions. <i>Science China Chemistry</i> , 2023, 66, 304-314.	4.2	42
527	Aqueous Room-Temperature Phosphorescence from Assembled Phosphors for Analytical Detection. <i>Chinese Journal of Chemistry</i> , 2023, 41, 979-990.	2.6	6

#	ARTICLE	IF	CITATIONS
528	Advanced charge transfer technology for highly efficient and long-lived TADF-type organic afterglow with near-infrared light-excitable property. <i>Science China Chemistry</i> , 2023, 66, 1120-1131.	4.2	18
529	Wide-range color-tunable afterglow emission by the modulation of triplet exciton transition processes based on buckybowl structure. <i>Aggregate</i> , 2023, 4, .	5.2	7
530	Benzophenone-containing phosphors with an unprecedented long lifetime of 1.8 s under ambient conditions. <i>Chemical Communications</i> , 2023, 59, 1525-1528.	2.2	10
531	The Halogen Bond in Weakly Bonded Complexes and the Consequences for Aromaticity and Spin-Orbit Coupling. <i>Molecules</i> , 2023, 28, 772.	1.7	13
532	Manipulation of Organic Afterglow in Fluoranthene-Containing Dopant-Matrix Systems: From Conventional Room-Temperature Phosphorescence to Efficient Red TADF-Type Organic Afterglow. <i>Chemistry - A European Journal</i> , 2023, 29, .	1.7	7
533	The unexpected mechanism of transformation from conventional room-temperature phosphorescence to TADF-type organic afterglow triggered by simple chemical modification. <i>Journal of Materials Chemistry C</i> , 2023, 11, 2291-2301.	2.7	5
534	Molecular Persistent Room-Temperature Phosphorescence from Tetraarylamino-boranes. <i>Inorganic Chemistry</i> , 2023, 62, 1122-1134.	1.9	4
535	Selective Triplet-Singlet Förster Resonance Energy Transfer for Bright Red Afterglow Emission. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	13
536	Enabling long-lived polymeric room temperature phosphorescence material in a biocompatible solvent. <i>Chemistry - A European Journal</i> , 0, .	1.7	1
537	Recent advances in metal-free phosphorescent materials for organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2023, 11, 3143-3161.	2.7	17
538	Adsorption of indole[3, 2-b]carbazole derivatives in the filter paper matrix to realize long-lived room temperature phosphorescence emission. <i>Journal of Luminescence</i> , 2023, 257, 119720.	1.5	0
539	Intermolecular arrangement facilitated broadband blue emission in group-12 metal (Zn, Cd) hybrid halides and their applications. <i>Materials Today Chemistry</i> , 2023, 30, 101502.	1.7	5
540	D-O-A based organic phosphors for both aggregation-induced electrophosphorescence and host-free sensitization. <i>Nature Communications</i> , 2023, 14, .	5.8	6
541	Stimuli-responsive room-temperature phosphorescence regulation based on molecular packing mode conversion. <i>Dyes and Pigments</i> , 2023, 215, 111272.	2.0	2
542	Sonication-Responsive Organic Afterglow Emulsions. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	6
543	Manipulating intermolecular interactions for ultralong organic phosphorescence. <i>Aggregate</i> , 2023, 4, .	5.2	22
544	Role of Carbonyl Distortions Facilitating Persistent Room-Temperature Phosphorescence. <i>Journal of Physical Chemistry C</i> , 2023, 127, 3861-3871.	1.5	3
545	Stimulus-Responsive Organic Phosphorescence Materials Based on Small Molecular Host-Guest Doped Systems. <i>Journal of Physical Chemistry Letters</i> , 2023, 14, 1794-1807.	2.1	17

#	ARTICLE	IF	CITATIONS
546	Long-Lived Luminescence Emitted from Imide Compounds Dispersed in Polymer Matrices after Continuous Ultraviolet Irradiation and its Relation to Oxygen Quenching. <i>ChemPhotoChem</i> , 2023, 7, .	1.5	1
547	Merging thermally activated delayed fluorescence and two-photon ionization mechanisms for highly efficient and ultralong-lived organic afterglow. <i>Chemical Engineering Journal</i> , 2023, 460, 141916.	6.6	7
548	Circularly polarized organic room temperature phosphorescence activated by liquid crystalline polymer networks. <i>Journal of Materials Chemistry C</i> , 2023, 11, 4104-4111.	2.7	9
549	Structural and mechanistic studies of excitation- and temperature-tunable multicolor luminescence of triarylborane. <i>CrystEngComm</i> , 2023, 25, 2204-2212.	1.3	1
550	Recent advances in room temperature phosphorescence of chiral organic materials. <i>Chirality</i> , 2023, 35, 390-410.	1.3	7
551	Achieving Stimuli-Responsive Amorphous Organic Afterglow in Single-Component Copolymer through Self-Doping. <i>Journal of the American Chemical Society</i> , 2023, 145, 7343-7351.	6.6	30
552	A double heterohelicene composed of two benzo[ <i>b</i> ]phenothiazine exhibiting intense room-temperature circularly polarized phosphorescence. <i>Journal of Materials Chemistry C</i> , 2023, 11, 4846-4854.	2.7	1
553	Phosphine-Manipulated <i>p</i> - and <i>i</i> -Synergy Enables Efficient Ultralong Organic Room-Temperature Phosphorescence. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	1
554	Phosphine-Manipulated <i>p</i> - and <i>i</i> -Synergy Enables Efficient Ultralong Organic Room-Temperature Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	20
555	Cage-Like Sodalite-Type Porous Organic Salts Enabling Luminescent Molecule's Incorporation and Room-Temperature Phosphorescence Induction in Air. <i>Small</i> , 2023, 19, .	5.2	4
556	Necessary and Sufficient Condition for Organic Room-Temperature Phosphorescence from Host-Guest Doped Crystalline Systems. <i>Advanced Optical Materials</i> , 2023, 11, .	3.6	5
557	Recent advances in long-persistent luminescence materials based on host-guest architecture. <i>Chinese Chemical Letters</i> , 2024, 35, 108385.	4.8	2
558	Dependence of Amplified Spontaneous Emission Threshold on Atmosphere in Whispering Gallery Mode Resonators Including 1,3-Diphenylisobenzofuran as a Singlet Fission Material. <i>Chemistry Letters</i> , 2023, 52, 280-283.	0.7	0
559	Unveiling One-to-One Correspondence Between Excited Triplet States and Determinate Interactions by Temperature-Controllable Blue-Green-Yellow Afterglow. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	0
560	Unveiling One-to-One Correspondence Between Excited Triplet States and Determinate Interactions by Temperature-Controllable Blue-Green-Yellow Afterglow. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	10
561	Highly Efficient Room-Temperature Phosphorescence Promoted via Intramolecular-Space Heavy-Atom Effect. <i>Advanced Optical Materials</i> , 2023, 11, .	3.6	8
564	Photoinduced Triplet Depletion Allowing Higher-Resolution Afterglow. , 2023, 5, 1649-1655.		4
575	A red ambient afterglow material with lifetime of 0.5 s and efficiency over 12%. <i>Chemical Communications</i> , 2023, 59, 7036-7039.	2.2	4



#	ARTICLE	IF	CITATIONS
585	Visible-light-excitable aqueous afterglow exhibiting long emission wavelength and ultralong afterglow lifetime of 7.64 s. <i>Chemical Communications</i> , 2023, 59, 10500-10503.	2.2	6
588	A narrow-band deep-blue MRTADF-type organic afterglow emitter. <i>Chemical Communications</i> , 2023, 59, 12302-12305.	2.2	1
589	Room-temperature phosphorescent materials derived from natural resources. <i>Nature Reviews Chemistry</i> , 2023, 7, 800-812.	13.8	10
612	Translating efficient fluorescence into persistent room-temperature phosphorescence by doping bipolar fluorophore into polar polymer matrix. <i>Journal of Materials Chemistry C</i> , 0, , .	2.7	0
618	Stimuli-fluorochromic smart organic materials. <i>Chemical Society Reviews</i> , 2024, 53, 1090-1166.	18.7	0