

Long-Lived Room-Temperature Phosphorescence for Oxygen

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Hydrogen Bonding-Induced Morphology Dependence of Long-Lived Organic Room-Temperature Phosphorescence: A Computational Study. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6948-6954.	2.1	76
2	Organic Room-Temperature Phosphorescence with Strong Circularly Polarized Luminescence Based on Paracyclophanes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17220-17225.	7.2	97
3	Organic Room-Temperature Phosphorescence with Strong Circularly Polarized Luminescence Based on Paracyclophanes. <i>Angewandte Chemie</i> , 2019, 131, 17380-17385.	1.6	27
4	Room-Temperature Phosphorescence from Encapsulated Pyrene Induced by Xenon. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9123-9131.	1.1	12
5	Room-temperature phosphorescent polymers with excitation-wavelength and delay-time emission dependencies. <i>RSC Advances</i> , 2019, 9, 36287-36292.	1.7	5
6	Tuning phosphorescence features of triphenylamines by varying functional groups and intermolecular interactions. <i>Dyes and Pigments</i> , 2020, 173, 107931.	2.0	13
7	Visible-Light-Excited Room-Temperature Phosphorescence in Water by Cucurbit[8]uril-Mediated Supramolecular Assembly. <i>Angewandte Chemie</i> , 2020, 132, 10014-10019.	1.6	178
8	Visible-Light-Excited Room-Temperature Phosphorescence in Water by Cucurbit[8]uril-Mediated Supramolecular Assembly. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9928-9933.	7.2	273
9	Ligand engineering to achieve enhanced ratiometric oxygen sensing in a silver cluster-based metal-organic framework. <i>Nature Communications</i> , 2020, 11, 3678.	5.8	122
10	Smartphone-Based Luminescent Thermometry via Temperature-Sensitive Delayed Fluorescence from $Gd_{2}O_{2}S:Eu^{3+}$. <i>Advanced Optical Materials</i> , 2020, 8, 2000507.	3.6	35
11	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
12	Monochromophore-Based Phosphorescence and Fluorescence from Pure Organic Assemblies for Ratiometric Hypoxia Detection. <i>Angewandte Chemie</i> , 2020, 132, 23662-23666.	1.6	7
13	Hexanuclear Zn(II)-Induced Dense π -Stacking in a Metal-Organic Framework Featuring Long-Lasting Room Temperature Phosphorescence. <i>Inorganic Chemistry</i> , 2020, 59, 10395-10399.	1.9	80
14	Alternating Vinylarene-Carbon Monoxide Copolymers: Simple and Efficient Nonconjugated Luminescent Macromolecules. <i>Macromolecules</i> , 2020, 53, 9337-9344.	2.2	30
15	Room-temperature phosphorescence from organic aggregates. <i>Nature Reviews Materials</i> , 2020, 5, 869-885.	23.3	786
16	Room temperature phosphorescence from heavy atom free benzophenone boronic ester derivatives. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	0.8	5
17	Nonconventional luminophores with unprecedented efficiencies and color-tunable afterglows. <i>Materials Horizons</i> , 2020, 7, 2105-2112.	6.4	80
18	Color-tunable ultralong organic phosphorescence materials for visual UV-light detection. <i>Science China Chemistry</i> , 2020, 63, 1443-1448.	4.2	52

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19	A long persistent phosphorescent metal-organic framework for multi-level sensing of oxygen. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9916-9922.	2.7	27
20	Stimuli-Responsive Purely Organic Room-Temperature Phosphorescence Materials. <i>Chemistry - A European Journal</i> , 2020, 26, 11914-11930.	1.7	76
21	Stimulus-responsive room temperature phosphorescence in purely organic luminogens. <i>Informa Materials</i> , 2020, 2, 791-806.	8.5	100
22	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
23	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
24	Time-Dependent Afterglow Color in a Single-Component Organic Molecular Crystal. <i>Angewandte Chemie</i> , 2020, 132, 10118-10122.	1.6	103
25	Time-Dependent Afterglow Color in a Single-Component Organic Molecular Crystal. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10032-10036.	7.2	144
26	Thermally activated triplet exciton release for highly efficient tri-mode organic afterglow. <i>Nature Communications</i> , 2020, 11, 842.	5.8	194
27	Dual Emission from Precious Metal-Free Luminophores Consisting of C, H, O, Si, and S/P at Room Temperature. <i>Chemistry - A European Journal</i> , 2020, 26, 5162-5167.	1.7	19
28	Hydrophilic Ultralong Organic Nanophosphors. <i>Small</i> , 2020, 16, e1906733.	5.2	30
29	Room-Temperature Phosphorescence-Active Boronate Particles: Characterization and Ratiometric Afterglow Sensing Behavior by Surface Grafting of Rhodamine B. <i>Chemistry - an Asian Journal</i> , 2020, 15, 787-795.	1.7	14
30	π -Type halogen bonding enhanced the long-lasting room temperature phosphorescence of Zn coordination polymers for photoelectron response applications. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 2224-2230.	3.0	59
31	Multicolor ultralong room-temperature phosphorescence from pure organic emitters by structural isomerism. <i>Chemical Engineering Journal</i> , 2021, 408, 127309.	6.6	16
32	A Multi-Stimuli-Responsive Molecule with Responses to Light, Oxygen, and Mechanical Stress through Flexible Tuning of Triplet Excitons. <i>Advanced Optical Materials</i> , 2021, 9, 2001550.	3.6	32
33	Robust White-Light Emitting and Multi-Responsive Luminescence of a Dual-Mode Phosphorescence Molecule. <i>Advanced Optical Materials</i> , 2021, 9, 2001685.	3.6	44
34	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
35	Room-temperature white and color-tunable afterglow by manipulating multi-mode triplet emissions. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3257-3263.	2.7	17
36	A color-tunable single-component luminescent molecule with multiple emission centers. <i>Chemical Science</i> , 2021, 12, 9201-9206.	3.7	32

#	ARTICLE	IF	CITATIONS
37	Transformable fluorescent nanoparticles (TFNs) of amphiphilic block copolymers for visual detection of aromatic amines in water. <i>Polymer Chemistry</i> , 2021, 12, 5467-5476.	1.9	6
38	Organic phosphorescent polymorphs induced by various halogen bonds with stimuli-responsive single/dual phosphorescence switching. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2738-2743.	2.7	16
39	Imaging the oxygen wave with a single bioluminescent bacterium. <i>Chemical Science</i> , 2021, 12, 12400-12406.	3.7	9
40	A positively charged aggregation-induced emission (AIE) luminogen as an ultra-sensitive mechanochromic luminescent material: design, synthesis and versatile applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2849-2859.	3.2	16
41	A highly efficient purely organic room-temperature phosphorescence film based on a selenium-containing emitter for sensitive oxygen detection. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9907-9913.	2.7	25
42	Living supramolecular polymerization of an AIE-active Ir(III) complex with irregular emission. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7808-7816.	3.2	11
43	Organic dye assemblies with aggregation-induced photophysical changes and their bioapplications. <i>Aggregate</i> , 2021, 2, e39.	5.2	79
44	Highly Efficient Room-Temperature Phosphorescence Based on Single-Benzene Structure Molecules and Photoactivated Luminescence with Afterglow. <i>Advanced Functional Materials</i> , 2021, 31, 2010659.	7.8	140
45	Metal-Free Organic Luminophores that Exhibit Dual Fluorescence and Phosphorescence Emission at Room Temperature. <i>ChemPlusChem</i> , 2021, 86, 446-459.	1.3	19
46	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
47	Room-Temperature Phosphorescence of Thiophene Boronate Ester-Cross Linked Polyvinyl Alcohol; A Triplet-to-Singlet FRET-Induced Multi-Color Afterglow Luminescence with Sulforhodamine B. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1204-1209.	2.0	15
48	Force-Induced Turn-On Persistent Room-Temperature Phosphorescence in Purely Organic Luminogen. <i>Angewandte Chemie</i> , 2021, 133, 12443-12448.	1.6	24
49	Michael Polyaddition Approach Towards Sulfur Enriched Nonaromatic Polymers with Fluorescence-Phosphorescence Dual Emission. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100036.	2.0	10
50	Force-Induced Turn-On Persistent Room-Temperature Phosphorescence in Purely Organic Luminogen. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12335-12340.	7.2	98
51	Endowing Phosphor Materials with Long-Afterglow Circularly Polarized Phosphorescence via Ball Milling. <i>Advanced Optical Materials</i> , 2021, 9, 2100452.	3.6	15
52	Two-Photon Ionization Induced Stable White Organic Long Persistent Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16984-16988.	7.2	48
53	Two-Photon Ionization Induced Stable White Organic Long Persistent Luminescence. <i>Angewandte Chemie</i> , 2021, 133, 17121-17125.	1.6	30
54	Modulating Room-Temperature Phosphorescence through the Synergistic Effect of Heavy-Atom Effect and Halogen Bonding. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16350-16357.	1.5	21

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55	Stimulus-Responsive Room Temperature Phosphorescence Materials: Internal Mechanism, Design Strategy, and Potential Application. <i>Accounts of Materials Research</i> , 2021, 2, 644-654.	5.9	131
56	Deep-Blue Ultralong Room-Temperature Phosphorescence from Halogen-Free Organic Materials through Cage Effect for Various Applications. <i>Advanced Optical Materials</i> , 2021, 9, 2100959.	3.6	13
57	Persistent Room-Temperature Phosphorescence from Purely Organic Molecules and Multi-Component Systems. <i>Advanced Optical Materials</i> , 2021, 9, 2100411.	3.6	81
58	Achieving long lifetime of pure organic room-temperature phosphorescence via constructing hydrogen-bonded organic frameworks. <i>Journal of Luminescence</i> , 2021, 236, 118120.	1.5	4
59	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
60	Multistage Stimulus-Responsive Room Temperature Phosphorescence Based on Host-Guest Doping Systems. <i>Angewandte Chemie</i> , 2021, 133, 20421-20425.	1.6	17
61	A miniaturized apparatus based on a smartphone for microsecond-resolved luminescence lifetime imaging. <i>Sensors and Actuators B: Chemical</i> , 2021, 343, 130086.	4.0	11
62	Sustainable afterglow materials from lignin inspired by wood phosphorescence. <i>Cell Reports Physical Science</i> , 2021, 2, 100542.	2.8	21
63	Luminescent halogen clusters. <i>Cell Reports Physical Science</i> , 2022, 3, 100593.	2.8	11
64	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
65	Cucurbit[8]uril mediated ultralong purely organic phosphorescence and excellent mechanical strength performance in double-network supramolecular hydrogels. <i>Dyes and Pigments</i> , 2021, 195, 109725.	2.0	10
66	Regulating force-resistance and acid-responsiveness of pure organics with persistent phosphorescence via simple isomerization. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5227-5233.	2.7	12
67	Full-type photoluminescence from a single organic molecule for multi-signal temperature sensing. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2261-2270.	3.2	22
68	Room-temperature phosphorescent organic materials for optical waveguides. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14115-14132.	2.7	18
69	Photoinduced versus spontaneous host-guest electron transfer within a MOF and chromic/luminescent response. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4828-4837.	3.0	16
70	Nonconventional luminophores: characteristics, advancements and perspectives. <i>Chemical Society Reviews</i> , 2021, 50, 12616-12655.	18.7	203
71	A metal-free 2D layered organic ammonium halide framework realizing full-color persistent room-temperature phosphorescence. <i>Chemical Science</i> , 2021, 12, 14451-14458.	3.7	29
72	The same molecule but a different molecular conformation results in a different room temperature phosphorescence in phenothiazine derivatives. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15375-15380.	2.7	25

#	ARTICLE	IF	CITATIONS
73	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. <i>Journal of the American Chemical Society</i> , 2021, 143, 18527-18535.	6.6	132
74	Manipulation of Organic Afterglow by Thermodynamic and Kinetic Control. <i>Chemistry - A European Journal</i> , 2021, 27, 16735-16743.	1.7	6
75	The Synthesis and Properties of TIPA-Dominated Porous Metal-Organic Frameworks. <i>Nanomaterials</i> , 2021, 11, 2791.	1.9	3
76	Recent Advances on Host-Guest Material Systems toward Organic Room Temperature Phosphorescence. <i>Small</i> , 2022, 18, e2104073.	5.2	170
77	Bathochromic-Shifted Emissions by Postfunctionalization of Nonconjugated Polyketones. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59288-59297.	4.0	14
78	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
79	Robust and color-tunable afterglows from guanidine derivatives. <i>Chemical Communications</i> , 2022, 58, 545-548.	2.2	17
80	Light emission of organic luminogens: Generation, mechanism and application. <i>Progress in Materials Science</i> , 2022, 125, 100914.	16.0	69
81	Efficient Room-Temperature Phosphorescence from Discrete Molecules Based on Thianthrene Derivatives for Oxygen Sensing and Detection. <i>Frontiers in Chemistry</i> , 2021, 9, 810304.	1.8	15
82	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
83	Achieving two things at one stroke: crystal engineering simultaneously optimizes the emission and mechanical compliance of organic crystals. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3894-3900.	2.7	8
84	Halogen Bonding: A New Platform for Achieving Multi-Stimuli-Responsive Persistent Phosphorescence. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	20
85	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
86	Halogen Bonding: A New Platform for Achieving Multi-Stimuli-Responsive Persistent Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	111
87	Dual-color dynamic anti-counterfeiting labels with persistent emission after visible excitation allowing smartphone authentication. <i>Scientific Reports</i> , 2022, 12, 2100.	1.6	14
88	Endowing matrix-free carbon dots with color-tunable ultralong phosphorescence by self-doping. <i>Chemical Science</i> , 2022, 13, 4406-4412.	3.7	51
89	Efficient and tunable purely organic room temperature phosphorescence films from selenium-containing emitters achieved by structural isomerism. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5141-5146.	2.7	10
90	Strain-Responsive Persistent Room-Temperature Phosphorescence from Halogen-Free Polymers for Early Damage Reporting through Phosphorescence Lifetime and Image Analysis. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	14

#	ARTICLE	IF	CITATIONS
91	A Highly Efficient Phosphorescence/Fluorescence Supramolecular Switch Based on a Bromoisoquinoline Cascaded Assembly in Aqueous Solution. <i>Advanced Science</i> , 2022, 9, e2200524.	5.6	30
92	Resonance-Induced Stimuli-Responsive Capacity Modulation of Organic Ultralong Room Temperature Phosphorescence. <i>Journal of the American Chemical Society</i> , 2022, 144, 6946-6953.	6.6	68
93	Crosslink-enhanced strategy to achieve multicolor long-lived room temperature phosphorescent films with excellent photostability. <i>Chinese Chemical Letters</i> , 2022, 33, 4238-4242.	4.8	16
94	Enhancing Persistent Luminescence of Cellulose by Dehydration for Label-Free Time-Resolved Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 17420-17426.	3.2	17
96	Dual-Emission of Fluorescence and Room-Temperature Phosphorescence for Ratiometric and Colorimetric Oxygen Sensing and Detection Based on Dispersion of Pure Organic Thianthrene Dimer in Polymer Host. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	24
98	Regulation of Irradiation-Dependent Long-Lived Room Temperature Phosphorescence by Controlling Molecular Structures of Chromophores and Matrix. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	11
99	Four-in-One Stimulus-Responsive Long-Lived Luminescent Systems Based on Pyrene-Doped Amorphous Polymers. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	12
100	Near-Infrared Room-Temperature Phosphorescence in Arylselanyl BODIPY-Doped Materials. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	4
101	Four-in-One Stimulus-Responsive Long-Lived Luminescent Systems Based on Pyrene-Doped Amorphous Polymers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	76
102	AIE-active rare-metal-free phosphorescent materials. , 2022, , 253-274.		1
103	Multimode stimuli responsive dual-state organic room temperature phosphorescence from a phenanthrene derivative. <i>Chemical Engineering Journal</i> , 2022, 444, 136629.	6.6	32
104	Fast photostimulus-responsive ultralong room-temperature phosphorescence behaviour of benzoic acid derivatives@boric acid. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8806-8814.	2.7	6
105	Halogen-doped phosphorescent carbon dots for grayscale patterning. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	27
106	Molecular Uniting Set Identified Characteristic (<scp>MUSIC</scp>) of Organic Optoelectronic Material. <i>Chinese Journal of Chemistry</i> , 2022, 40, 2356-2370.	2.6	42
107	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
108	Achieving diversified emissive behaviors of AIE, TADF, RTP, dual-RTP and mechanoluminescence from simple organic molecules by positional isomerism. <i>Journal of Materials Chemistry C</i> , 2022, 10, 10009-10016.	2.7	11
109	Accessing Excitation- and Time-Responsive Afterglows from Aqueous Processable Amorphous Polymer Films through Doping and Energy Transfer. <i>Advanced Materials</i> , 2022, 34, .	11.1	52
110	Thermally Activated and Aggregation-Regulated Excitonic Coupling Enable Emissive High-Lying Triplet Excitons**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	25

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111	Thermally Activated and Aggregation-Regulated Excitonic Coupling Enable Emissive High-Lying Triplet Excitons**. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
112	Microsecond-resolved smartphone time-gated luminescence spectroscopy. <i>Optics Letters</i> , 2022, 47, 3427.	1.7	3
113	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
114	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
115	Organic Hollow Microstructures with Room Temperature Phosphorescence. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	3
116	Room-Temperature Phosphorescence Enhanced by Narrowing Down $\hat{\nu}^n E_{ST}$ through Tuning Excited States Energy Levels. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	4
117	Photoelectron Storages in Functionalized Carbon Nitrides for Colorimetric Sensing of Oxygen. <i>ACS Sensors</i> , 2022, 7, 2328-2337.	4.0	11
118	Accurate Wavelength Tracking by Exciton Spin Mixing. <i>Advanced Materials</i> , 2022, 34, .	11.1	3
119	Ultralong organic phosphorescence from isolated molecules with repulsive interactions for multifunctional applications. <i>Nature Communications</i> , 2022, 13, .	5.8	61
120	Promoting the transfer of phosphorescence from the solid state to aqueous phase and establishing the universal real-time detection based on the smartphone imaging. <i>Sensors and Actuators B: Chemical</i> , 2022, 371, 132529.	4.0	13
121	Multi-stimuli-responsive aryl-sulfone derivatives with room-temperature phosphorescence and mechanoluminescence properties. <i>Journal of Luminescence</i> , 2022, 251, 119223.	1.5	1
122	Thermally activated delayed fluorescence (TADF) emitters: sensing and boosting spin-flipping by aggregation. <i>Beilstein Journal of Organic Chemistry</i> , 0, 18, 1177-1187.	1.3	3
123	Aggregation effects on the one- and two-photon excited fluorescence performance of regioisomeric anthraquinone-substituted perylene diimide. <i>Journal of Materials Chemistry C</i> , 2023, 11, 8037-8044.	2.7	6
124	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
125	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
126	Limitation of room temperature phosphorescence efficiency in metal organic frameworks due to triplet-triplet annihilation. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	1
127	Molecular insight into the polymorphism-dependent organic phosphorescence. <i>Dyes and Pigments</i> , 2023, 208, 110853.	2.0	3
128	From single molecule to molecular aggregation science. <i>Coordination Chemistry Reviews</i> , 2023, 475, 214872.	9.5	29

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129	The Effect of Molecular Conformations and Simulated "Self-Doping" in Phenothiazine Derivatives on Room-Temperature Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	25
130	Regulating Phosphorescence Lifetime of Organic Cocrystals by Alkyl Engineering. <i>Crystal Growth and Design</i> , 2023, 23, 31-36.	1.4	4
131	A Class of Organic Units Featuring Matrix-Controlled Color-Tunable Ultralong Organic Room Temperature Phosphorescence. <i>Advanced Science</i> , 2023, 10, .	5.6	27
132	Efficient Persistent Luminescence from Cellulose-Halide Mixtures for Optical Encryption. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 16752-16759.	3.2	8
133	The Effect of Molecular Conformations and Simulated "Self-Doping" in Phenothiazine Derivatives on Room-Temperature Phosphorescence. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	5
134	Color-tunable and ultralong organic room temperature phosphorescence from poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 1960-1970.	2.7	3
135	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
136	Enabling long-lived polymeric room temperature phosphorescence material in "abominable" solvent. <i>Chemistry - A European Journal</i> , 0, , .	1.7	1
137	Modulating room temperature phosphorescence through intermolecular halogen bonding. <i>Journal of Materials Chemistry C</i> , 2023, 11, 4203-4209.	2.7	3
138	Organic Host-Guest Materials with Bright Red Room-Temperature Phosphorescence for Persistent Bioimaging. <i>Chinese Journal of Chemistry</i> , 2023, 41, 1575-1582.	2.6	9
139	Five-in-one: Dual-mode ultralong persistent luminescence with multiple responses from amorphous polymer films. <i>Chemical Engineering Journal</i> , 2023, 463, 142506.	6.6	16
140	New non-conjugated luminescent glycol-terephthalate oligomers bearing aryl Schiff bases: Chemical functionalization, chemical-optical characterization, thermal behavior and fluorescent sensing properties. <i>Optical Materials</i> , 2023, 137, 113516.	1.7	2
141	Sonication-Responsive Organic Afterglow Emulsions. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	6
142	Fluorescence Sensing of Physical Parameters and Chemical Composition in Gases and Condensed Media. , 2023, , 237-294.		0
143	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
144	Recent progress with the application of organic room-temperature phosphorescent materials. , 2023, 1, 582-594.		20
145	Utilizing morpholine for purely organic room temperature phosphors. <i>Science China Chemistry</i> , 2023, 66, 1132-1138.	4.2	2
146	Selective Expression of Organic Phosphorescence Units: When <i>H</i> -Benzo[f]indole Meets <i>H</i> -Benzo[c]carbazole. <i>Chemistry of Materials</i> , 2023, 35, 2624-2634.	3.2	6

#	ARTICLE	IF	CITATIONS
147	Efficient Purely Organic Room-Temperature Phosphorescence from Selenium-Containing Conjugated Polymers for Signal-Amplified Oxygen Detection. <i>Macromolecules</i> , 2023, 56, 2972-2979.	2.2	5
148	Achieving Tunable Organic Afterglow and UV-Irradiation-Responsive Ultralong Room-Temperature Phosphorescence from Pyridine-Substituted Triphenylamine Derivatives. <i>Advanced Materials</i> , 2023, 35, .	11.1	37
149	Photoactivated organic phosphorescence by stereo-hindrance engineering for mimicking synaptic plasticity. <i>Light: Science and Applications</i> , 2023, 12, .	7.7	4
150	Highly Efficient Room-Temperature Phosphorescence Promoted via Intramolecular-Space Heavy-Atom Effect. <i>Advanced Optical Materials</i> , 2023, 11, .	3.6	8
158	Switching Singlet Exciton to Triplet for Efficient Pure Organic Room-Temperature Phosphorescence by Rational Molecular Design. <i>Jacs Au</i> , 2023, 3, 1835-1842.	3.6	3
161	A narrow-band deep-blue MRTADF-type organic afterglow emitter. <i>Chemical Communications</i> , 2023, 59, 12302-12305.	2.2	1
169	Afterglow bio-applications by utilizing triplet excited states of organic materials. <i>Science China Chemistry</i> , 2023, 66, 2930-2940.	4.2	6
181	Recent Advances in Pure-Organic Host-Guest Room-Temperature Phosphorescence Systems Toward Bioimaging. <i>Transactions of Tianjin University</i> , 0, , .	3.3	0