

Yongyang Gong

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44
papers

2,784
citations

19
h-index

45
g-index

45
ext. papers

3,248
ext. citations

6.2
avg. IF

4.93
L-index

#	Paper	IF	Citations
44	Achieving Persistent Room Temperature Phosphorescence and Remarkable Mechanochromism from Pure Organic Luminogens. <i>Advanced Materials</i> , 2015 , 27, 6195-201	24	422
43	Efficient Solid Emitters with Aggregation-Induced Emission and Intramolecular Charge Transfer Characteristics: Molecular Design, Synthesis, Photophysical Behaviors, and OLED Application. <i>Chemistry of Materials</i> , 2012 , 24, 1518-1528	9.6	418
42	Synergy between twisted conformation and effective intermolecular interactions: strategy for efficient mechanochromic luminogens with high contrast. <i>Advanced Materials</i> , 2013 , 25, 2837-43	24	366
41	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. <i>Chemical Science</i> , 2015 , 6, 4438-4444	9.4	266
40	Twisted D-πA solid emitters: efficient emission and high contrast mechanochromism. <i>Chemical Communications</i> , 2013 , 49, 4009-11	5.8	212
39	Clustering-Triggered Emission of Nonconjugated Polyacrylonitrile. <i>Small</i> , 2016 , 12, 6586-6592	11	183
38	Room temperature phosphorescence from natural products: Crystallization matters. <i>Science China Chemistry</i> , 2013 , 56, 1178-1182	7.9	142
37	DπA Solid Emitter with Crowded and Remarkably Twisted Conformations Exhibiting Multifunctionality and Multicolor Mechanochromism. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 10998-11005	13.8	108
36	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12667-12673	16.4	93
35	Crystallization-induced phosphorescence of benzils at room temperature. <i>Science China Chemistry</i> , 2013 , 56, 1183-1186	7.9	61
34	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10472		59
33	AIE-active, highly thermally and morphologically stable, mechanochromic and efficient solid emitters for low color temperature OLEDs. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 7552-7560	7.1	52
32	Clustering-triggered Emission of Cellulose and Its Derivatives. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019 , 37, 409-415	3.5	51
31	Superhydrophobic Melamine Sponge Coated with Striped Polydimethylsiloxane by Thiol-Ene Click Reaction for Efficient Oil/Water Separation. <i>ACS Omega</i> , 2018 , 3, 5222-5228	3.9	35
30	Mechanical and Water-Resistant Properties of Eco-Friendly Chitosan Membrane Reinforced with Cellulose Nanocrystals. <i>Polymers</i> , 2019 , 11,	4.5	34
29	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	7.1	25
28	Crystallization-Induced Red Phosphorescence and Grinding-Induced Blue-Shifted Emission of a Benzobis(1,2,5-thiadiazole)-Thiophene Conjugate. <i>ACS Omega</i> , 2019 , 4, 344-351	3.9	25

27	Cellulose nanofiber-assisted dispersion of cellulose nanocrystals@polyaniline in water and its conductive films. <i>RSC Advances</i> , 2016 , 6, 10168-10174	3.7	24
26	Crystallization-induced phosphorescence, remarkable mechanochromism, and grinding enhanced emission of benzophenone-aromatic amine conjugates. <i>Chinese Chemical Letters</i> , 2018 , 29, 1533-1536	8.1	19
25	Achieving Hybridized Local and Charge-Transfer Excited State and Excellent OLED Performance Through Facile Doping. <i>Advanced Optical Materials</i> , 2017 , 5, 1700466	8.1	18
24	A gelable pure organic luminogen with fluorescence-phosphorescence dual emission. <i>Science China Chemistry</i> , 2017 , 60, 806-812	7.9	16
23	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie</i> , 2019 , 131, 12797-12803	3.6	15
22	High efficiency D-A structured luminogen with aggregation-induced emission and mechanochromic characteristics. <i>Science Bulletin</i> , 2013 , 58, 2719-2722		15
21	Efficient persistent room temperature phosphorescence achieved through Zn ²⁺ doped sodium carboxymethyl cellulose composites. <i>Composites Communications</i> , 2018 , 8, 106-110	6.7	15
20	Efficient dispersion of carbon nanotube by synergistic effects of sisal cellulose nano-fiber and graphene oxide. <i>Composite Interfaces</i> , 2017 , 24, 291-305	2.3	14
19	One-pot synthesis of hydroxypropyl-β-cyclodextrin capped fluorescent sulfur quantum dots for highly sensitive and selective recognition of tartrazine. <i>Microchemical Journal</i> , 2021 , 164, 106031	4.8	14
18	Fluorene- and benzimidazole-based blue light-emitting copolymers: Synthesis, photophysical properties, and PLED applications. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 2172-2181	2.5	13
17	Boosting the humidity resistance of nonconventional luminogens with room temperature phosphorescence via enhancing the strength of hydrogen bonds. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 8515-8523	7.1	13
16	Intrinsic emission and tunable phosphorescence of perfluorosulfonate ionomers with evolved ionic clusters. <i>Science China Chemistry</i> , 2020 , 63, 833-840	7.9	9
15	A novel triphenylacrylonitrile based AIEgen for high contrast mechanochromism and bicolor electroluminescence.. <i>RSC Advances</i> , 2018 , 8, 710-716	3.7	9
14	AIE-active polyanetholesulfonic acid sodium salts with room-temperature phosphorescence characteristics for Fe detection.. <i>RSC Advances</i> , 2018 , 8, 31231-31236	3.7	9
13	Triphenylacrylonitrile decorated N-phenylcarbazole: Isomeric effect on photophysical properties. <i>Dyes and Pigments</i> , 2018 , 154, 113-120	4.6	5
12	Molecular design for organic luminogens with efficient emission in solution and solid-state. <i>Dyes and Pigments</i> , 2022 , 198, 109958	4.6	5
11	Preparation and Properties of a High-Performance EOEOEA-Based Gel-Polymer-Electrolyte Lithium Battery. <i>Polymers</i> , 2019 , 11,	4.5	4
10	Room-temperature phosphorescent polymers with excitation-wavelength and delay-time emission dependencies.. <i>RSC Advances</i> , 2019 , 9, 36287-36292	3.7	4

9	High-Voltage Sulfolane Plasticized UV-Curable Gel Polymer Electrolyte. <i>Polymers</i> , 2019 , 11,	4.5	3
8	Synthesis and characterization of thermotropic liquid crystalline polyurethanes from 4,4'-bis(6-hydroxyhexoxy) biphenyl and aliphatic diols. <i>Polymers for Advanced Technologies</i> , 2009 , 20, 1006-1009	3.2	2
7	Preparation and properties of MNSiO ₂ /CN40/PF nanocomposites. <i>Polymer Composites</i> , 2019 , 40, 179-186		2
6	Effects of preparation methods on the mechanical and thermal properties of graphene-modified HNBR composites. <i>E-Polymers</i> , 2018 , 18, 57-65	2.7	1
5	Studies on Mechanical Properties and Morphology of Sisal Pulp Reinforced Phenolic Composites. <i>Advances in Polymer Technology</i> , 2016 , 35, 353-360	1.9	1
4	Metal-Organic Framework for Efficient Electron Injection. <i>Advanced Optical Materials</i> , 2021 , 9, 2002053	8.1	1
3	Ionic Rigid Organic Dual-State Emission Compound With Rod-Shaped and Conjugated Structure for Sensitive Al Detection.. <i>Frontiers in Chemistry</i> , 2022 , 10, 807088	5	1
2	Room Temperature Phosphorescence Emission From Multi-States.. <i>Frontiers in Chemistry</i> , 2021 , 9, 810458	5	0
1	SYNTHESIS AND CHARACTERIZATION OF A RODLIKE LIQUID CRYSTALLINE POLYURETHANE OLIGOMER. <i>Functional Materials Letters</i> , 2010 , 03, 169-172	1.2	