

Yongyang Gong

List of Publications by Year in descending order

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45
papers

3,688
citations

257101

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving Persistent Room Temperature Phosphorescence and Remarkable Mechanochromism from Pure Organic Luminogens. <i>Advanced Materials</i> , 2015, 27, 6195-6201.	11.1	513
2	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.	3.2	472
3	Synergy between Twisted Conformation and Effective Intermolecular Interactions: Strategy for Efficient Mechanochromic Luminogens with High Contrast. <i>Advanced Materials</i> , 2013, 25, 2837-2843.	11.1	422
4	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
5	Clustering-triggered Emission of Nonconjugated Polyacrylonitrile. <i>Small</i> , 2016, 12, 6586-6592.	5.2	293
6	Twisted π - π A solid emitters: efficient emission and high contrast mechanochromism. <i>Chemical Communications</i> , 2013, 49, 4009.	2.2	239
7	Room temperature phosphorescence from natural products: Crystallization matters. <i>Science China Chemistry</i> , 2013, 56, 1178-1182.	4.2	236
8	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12667-12673.	7.2	154
9	π -A Solid Emitter with Crowded and Remarkably Twisted Conformations Exhibiting Multifunctionality and Multicolor Mechanochromism. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10998-11005.	1.5	120
10	Clustering-triggered Emission of Cellulose and Its Derivatives. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 409-415.	2.0	96
11	Crystallization-induced phosphorescence of benzils at room temperature. <i>Science China Chemistry</i> , 2013, 56, 1183-1186.	4.2	85
12	Mechanical and Water-Resistant Properties of Eco-Friendly Chitosan Membrane Reinforced with Cellulose Nanocrystals. <i>Polymers</i> , 2019, 11, 166.	2.0	65
13	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. <i>Journal of Materials Chemistry</i> , 2012, 22, 10472.	6.7	62
14	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.	2.7	56
15	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.	1.6	50
16	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
17	Cellulose nanofiber-assisted dispersion of cellulose nanocrystals@polyaniline in water and its conductive films. <i>RSC Advances</i> , 2016, 6, 10168-10174.	1.7	40
18	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.	1.6	39

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19	Crystallization-induced phosphorescence, remarkable mechanochromism, and grinding enhanced emission of benzophenone-aromatic amine conjugates. <i>Chinese Chemical Letters</i> , 2018, 29, 1533-1536.	4.8	36
20	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.	2.3	36
21	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
22	Molecular design for organic luminogens with efficient emission in solution and solid-state. <i>Dyes and Pigments</i> , 2022, 198, 109958.	2.0	31
23	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. <i>Angewandte Chemie</i> , 2019, 131, 12797-12803.	1.6	30
24	Achieving Hybridized Local and Charge-Transfer Excited State and Excellent OLED Performance Through Facile Doping. <i>Advanced Optical Materials</i> , 2017, 5, 1700466.	3.6	25
25	Efficient persistent room temperature phosphorescence achieved through Zn ²⁺ doped sodium carboxymethyl cellulose composites. <i>Composites Communications</i> , 2018, 8, 106-110.	3.3	20
26	Efficient dispersion of carbon nanotube by synergistic effects of sisal cellulose nano-fiber and graphene oxide. <i>Composite Interfaces</i> , 2017, 24, 291-305.	1.3	19
27	High efficiency D-A structured luminogen with aggregation-induced emission and mechanochromic characteristics. <i>Science Bulletin</i> , 2013, 58, 2719-2722.	1.7	18
28	A gelable pure organic luminogen with fluorescence-phosphorescence dual emission. <i>Science China Chemistry</i> , 2017, 60, 806-812.	4.2	18
29	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	14
30	Intrinsic emission and tunable phosphorescence of perfluorosulfonate ionomers with evolved ionic clusters. <i>Science China Chemistry</i> , 2020, 63, 833-840.	4.2	14
31	AIE-active polyanetholesulfonic acid sodium salts with room-temperature phosphorescence characteristics for Fe ³⁺ detection. <i>RSC Advances</i> , 2018, 8, 31231-31236.	1.7	11
32	Triphenylacrylonitrile decorated N-phenylcarbazole: Isomeric effect on photophysical properties. <i>Dyes and Pigments</i> , 2018, 154, 113-120.	2.0	9
33	A novel triphenylacrylonitrile based AIEgen for high contrast mechanochromism and bicolor electroluminescence. <i>RSC Advances</i> , 2018, 8, 710-716.	1.7	9
34	Ionic Rigid Organic Dual-State Emission Compound With Rod-Shaped and Conjugated Structure for Sensitive Al ³⁺ Detection. <i>Frontiers in Chemistry</i> , 2022, 10, 807088.	1.8	7
35	High-Voltage Sulfolane Plasticized UV-Curable Gel Polymer Electrolyte. <i>Polymers</i> , 2019, 11, 1306.	2.0	6
36	Room Temperature Phosphorescence Emission From Multi-States. <i>Frontiers in Chemistry</i> , 2021, 9, 810458.	1.8	6

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37	Room-temperature phosphorescent polymers with excitation-wavelength and delay-time emission dependencies. RSC Advances, 2019, 9, 36287-36292.	1.7	5
38	Preparation and Properties of a High-Performance EOEOEA-Based Gel-Polymer-Electrolyte Lithium Battery. Polymers, 2019, 11, 1296.	2.0	4
39	Studies on Mechanical Properties and Morphology of Sisal Pulp Reinforced Phenolic Composites. Advances in Polymer Technology, 2016, 35, 353-360.	0.8	3
40	Preparation and properties of $\text{MNSiO}_2/\text{CN40}/\text{PF}$ nanocomposites. Polymer Composites, 2019, 40, 179-186.	2.3	3
41	Synthesis and characterization of thermotropic liquid crystalline polyurethanes from 4,4'-bis(6-hydroxyhexoxy) biphenyl and aliphatic diols. Polymers for Advanced Technologies, 2009, 20, 1006-1009.	1.6	2
42	Effects of preparation methods on the mechanical and thermal properties of graphene-modified HNBR composites. E-Polymers, 2018, 18, 57-65.	1.3	2
43	Metal-Organic Framework for Efficient Electron Injection. Advanced Optical Materials, 2021, 9, 2002053.	3.6	2
44	Rheological, Dynamic Mechanical and Thermal Properties of Thermotropic Liquid Crystalline Polymer/Unsaturated Polyester/Glass Fiber Hybrid Composites. Journal of Computational and Theoretical Nanoscience, 2008, 5, 1651-1655.	0.4	0
45	SYNTHESIS AND CHARACTERIZATION OF A RODLIKE LIQUID CRYSTALLINE POLYURETHANE OLIGOMER. Functional Materials Letters, 2010, 03, 169-172.	0.7	0