Yongyang Gong

List of Publications by Year in Descending Order

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	Molecular design for organic luminogens with efficient emission in solution and solid-state. *Dyes and Pigments*, **2022**, 198, 109958	4.6	5
43	Ionic Rigid Organic Dual-State Emission Compound With Rod-Shaped and Conjugated Structure for Sensitive Al Detection.. *Frontiers in Chemistry*, **2022**, 10, 807088	5	1
42	Room Temperature Phosphorescence Emission From Multi-States.. *Frontiers in Chemistry*, **2021**, 9, 810458	5	0
41	One-pot synthesis of hydroxypropyl-β-cyclodextrin capped fluorescent sulfur quantum dots for highly sensitive and selective recognition of tartrazine. *Microchemical Journal*, **2021**, 164, 106031	4.8	14
40	Boosting the humidity resistance of nonconventional luminogens with room temperature phosphorescence via enhancing the strength of hydrogen bonds. *Journal of Materials Chemistry C*, **2021**, 9, 8515-8523	7.1	13
39	Metal–Organic Framework for Efficient Electron Injection. *Advanced Optical Materials*, **2021**, 9, 2002053	8.1	1
38	Intrinsic emission and tunable phosphorescence of perfluorosulfonate ionomers with evolved ionic clusters. *Science China Chemistry*, **2020**, 63, 833-840	7.9	9
37	Clustering-triggered Emission of Cellulose and Its Derivatives. *Chinese Journal of Polymer Science (English Edition)*, **2019**, 37, 409-415	3.5	51
36	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. *Angewandte Chemie - International Edition*, **2019**, 58, 12667-12673	16.1	93
35	Mechanical and Water-Resistant Properties of Eco-Friendly Chitosan Membrane Reinforced with Cellulose Nanocrystals. *Polymers*, **2019**, 11,	4.5	34
34	Preparation and Properties of a High-Performance EOEOEA-Based Gel-Polymer-Electrolyte Lithium Battery. *Polymers*, **2019**, 11,	4.5	4
33	High-Voltage Sulfolane Plasticized UV-Curable Gel Polymer Electrolyte. *Polymers*, **2019**, 11,	4.5	3
32	Reevaluating Protein Photoluminescence: Remarkable Visible Luminescence upon Concentration and Insight into the Emission Mechanism. *Angewandte Chemie*, **2019**, 131, 12797-12803	3.6	15
31	Hydrogen bonding boosted the persistent room temperature phosphorescence of pure organic compounds for multiple applications. *Journal of Materials Chemistry C*, **2019**, 7, 9095-9101	7.1	25
30	Room-temperature phosphorescent polymers with excitation-wavelength and delay-time emission dependencies.. *RSC Advances*, **2019**, 9, 36287-36292	3.7	4
29	Crystallization-Induced Red Phosphorescence and Grinding-Induced Blue-Shifted Emission of a Benzobis(1,2,5-thiadiazole)-Thiophene Conjugate. *ACS Omega*, **2019**, 4, 344-351	3.9	25
28	Preparation and properties of MNSiO2/CN40/PF nanocomposites. *Polymer Composites*, **2019**, 40, 179-186	3	2

27	Triphenylacrylonitrile decorated N-phenylcarbazole: Isomeric effect on photophysical properties. *Dyes and Pigments*, **2018**, 154, 113-120	4.6	5
26	A novel triphenylacrylonitrile based AIEgen for high contrast mechanchromism and bicolor electroluminescence.. *RSC Advances*, **2018**, 8, 710-716	3.7	9
25	Effects of preparation methods on the mechanical and thermal properties of graphene-modified HNBR composites. *E-Polymers*, **2018**, 18, 57-65	2.7	1
24	Crystallization-induced phosphorescence, remarkable mechanochromism, and grinding enhanced emission of benzophenone-aromatic amine conjugates. *Chinese Chemical Letters*, **2018**, 29, 1533-1536	8.1	19
23	AIE-active polyanetholesulfonic acid sodium salts with room-temperature phosphorescence characteristics for Fe detection.. *RSC Advances*, **2018**, 8, 31231-31236	3.7	9
22	Superhydrophobic Melamine Sponge Coated with Striped Polydimethylsiloxane by Thiol-Ene Click Reaction for Efficient Oil/Water Separation. *ACS Omega*, **2018**, 3, 5222-5228	3.9	35
21	Efficient persistent room temperature phosphorescence achieved through Zn 2+ doped sodium carboxymethyl cellulose composites. *Composites Communications*, **2018**, 8, 106-110	6.7	15
20	A gelable pure organic luminogen with fluorescence-phosphorescence dual emission. *Science China Chemistry*, **2017**, 60, 806-812	7.9	16
19	Achieving Hybridized Local and Charge-Transfer Excited State and Excellent OLED Performance Through Facile Doping. *Advanced Optical Materials*, **2017**, 5, 1700466	8.1	18
18	Efficient dispersion of carbon nanotube by synergistic effects of sisal cellulose nano-fiber and graphene oxide. *Composite Interfaces*, **2017**, 24, 291-305	2.3	14
17	Cellulose nanofiber-assisted dispersion of cellulose nanocrystals@polyaniline in water and its conductive films. *RSC Advances*, **2016**, 6, 10168-10174	3.7	24
16	Studies on Mechanical Properties and Morphology of Sisal Pulp Reinforced Phenolic Composites. *Advances in Polymer Technology*, **2016**, 35, 353-360	1.9	1
15	Clustering-Triggered Emission of Nonconjugated Polyacrylonitrile. *Small*, **2016**, 12, 6586-6592	11	183
14	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. *Chemical Science*, **2015**, 6, 4438-4444	9.4	266
13	Achieving Persistent Room Temperature Phosphorescence and Remarkable Mechanochromism from Pure Organic Luminogens. *Advanced Materials*, **2015**, 27, 6195-201	24	422
12	D-A Solid Emitter with Crowded and Remarkably Twisted Conformations Exhibiting Multifunctionality and Multicolor Mechanochromism. *Journal of Physical Chemistry C*, **2014**, 118, 10998-11005	3.8	108
11	AIE-active, highly thermally and morphologically stable, mechanochromic and efficient solid emitters for low color temperature OLEDs. *Journal of Materials Chemistry C*, **2014**, 2, 7552-7560	7.1	52
10	Room temperature phosphorescence from natural products: Crystallization matters. *Science China Chemistry*, **2013**, 56, 1178-1182	7.9	142

9	Crystallization-induced phosphorescence of benzils at room temperature. *Science China Chemistry*, **2013**, 56, 1183-1186	7.9	61
8	High efficiency D-A structured luminogen with aggregation-induced emission and mechanochromic characteristics. *Science Bulletin*, **2013**, 58, 2719-2722		15
7	Twisted D-A solid emitters: efficient emission and high contrast mechanochromism. *Chemical Communications*, **2013**, 49, 4009-11	5.8	212
6	Synergy between twisted conformation and effective intermolecular interactions: strategy for efficient mechanochromic luminogens with high contrast. *Advanced Materials*, **2013**, 25, 2837-43	24	366
5	Efficient Solid Emitters with Aggregation-Induced Emission and Intramolecular Charge Transfer Characteristics: Molecular Design, Synthesis, Photophysical Behaviors, and OLED Application. *Chemistry of Materials*, **2012**, 24, 1518-1528	9.6	418
4	Fluorene- and benzimidazole-based blue light-emitting copolymers: Synthesis, photophysical properties, and PLED applications. *Journal of Polymer Science Part A*, **2012**, 50, 2172-2181	2.5	13
3	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. *Journal of Materials Chemistry*, **2012**, 22, 10472		59
2	SYNTHESIS AND CHARACTERIZATION OF A RODLIKE LIQUID CRYSTALLINE POLYURETHANE OLIGOMER. *Functional Materials Letters*, **2010**, 03, 169-172	1.2	
1	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	3.2	2