

Lin Kong

List of Publications by Year in descending order

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60
papers

1,236
citations

331670

21
h-index

395702

33
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61
all docs

61
docs citations

61
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	An AIE active probe for specific sensing of Hg ²⁺ based on linear conjugated bis-Schiff base. <i>Sensors and Actuators B: Chemical</i> , 2016, 229, 338-346.	7.8	86
2	Complex Formation-Enhanced Fluorescence Quenching Effect for Efficient Detection of Picric Acid. <i>Chemistry - A European Journal</i> , 2014, 20, 12215-12222.	3.3	78
3	Aggregation-induced emission enhancement and mechanofluorochromic properties of $\hat{\pm}$ -cyanostilbene functionalized tetraphenyl imidazole derivatives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2971-2978.	5.5	75
4	Synthesis of two novel indolo[3,2-b]carbazole derivatives with aggregation-enhanced emission property. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7092.	5.5	62
5	Electrically switchable photoluminescence of fluorescent-molecule-dispersed liquid crystals prepared via photoisomerization-induced phase separation. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1386.	5.5	52
6	A $\hat{\pm}$ -shaped cyanostilbene derivative: multi-stimuli responsive fluorescence sensors, rewritable information storage and colour converter for w-LEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9269-9276.	5.5	47
7	A small-molecule chemosensor for the selective detection of 2,4,6-trinitrophenol (TNP). <i>RSC Advances</i> , 2015, 5, 191-195.	3.6	42
8	Multi-stimuli-responsive fluorescence of a highly emissive difluoroboron complex in both solution and solid states. <i>CrystEngComm</i> , 2017, 19, 1294-1303.	2.6	42
9	Branched triphenylamine luminophores: Aggregation-induced fluorescence emission, and tunable near-infrared solid-state fluorescence characteristics via external mechanical stimuli. <i>Dyes and Pigments</i> , 2018, 151, 140-148.	3.7	40
10	Twisted Donor-Acceptor Carbazole Luminophores with Substituent-Dependent Properties of Aggregated Behavior (Aggregation-Caused Quenching to Aggregation-Enhanced Emission) and Mechanoresponsive Luminescence. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19793-19800.	3.1	40
11	Design of turn-on fluorescent probe for effective detection of Hg ²⁺ by combination of AIEE-active fluorophore and binding site. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 730-739.	7.8	36
12	Synthesis and characterization of a novel cyanostilbene derivative and its initiated polymers: aggregation-induced emission enhancement behaviors and light-emitting diode applications. <i>Polymer Chemistry</i> , 2014, 5, 2282.	3.9	34
13	Two novel AIEE-active imidazole/ $\hat{\pm}$ -cyanostilbene derivatives: photophysical properties, reversible fluorescence switching, and detection of explosives. <i>CrystEngComm</i> , 2018, 20, 1237-1244.	2.6	34
14	AIE-active luminogen for highly sensitive and selective detection of picric acid in water samples: Pyridyl as an effective recognition group. <i>Dyes and Pigments</i> , 2019, 163, 1-8.	3.7	31
15	The locations of triphenylamine and tetraphenylethene on a cyclohexyl ring define a luminogen as an AIEgen or a DSEgen. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6078-6084.	5.5	27
16	Self-assembly of metal ion induced highly emissive fluorophore-triphenylamine nanostructures: enhanced two-photon action cross-section for bioimaging applications. <i>Journal of Materials Chemistry C</i> , 2015, 3, 570-581.	5.5	25
17	Molecular Packing-Controlled Mechanical-Induced Emission Enhancement of Tetraphenylethene-Functionalised Pyrazoline Derivatives. <i>Chemistry - A European Journal</i> , 2020, 26, 3834-3842.	3.3	25
18	Fusing rigid planar units to engineer twisting molecules as dual-state emitters. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1261-1268.	5.9	23

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19	Synthesis, photophysical properties and TD-DFT calculation of four two-photon absorbing triphenylamine derivatives. <i>Science China Chemistry</i> , 2013, 56, 106-116.	8.2	22
20	A water-soluble "turn-on" fluorescent probe for specifically imaging mitochondria viscosity in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 127-131.	3.9	22
21	Anion-controlled dimer distance induced unique solid-state fluorescence of cyano substituted styrene pyridinium. <i>Scientific Reports</i> , 2016, 6, 37609.	3.3	21
22	Two AIEE-active β -cyanostilbene derivatives containing BF ₂ unit for detecting explosive picric acid in aqueous medium. <i>RSC Advances</i> , 2019, 9, 26043-26050.	3.6	21
23	Aggregation-induced emission-active tetraphenylethylene derivatives containing arylimidazole unit for reversible mechanofluorochromism and selective detection of picric acid. <i>Dyes and Pigments</i> , 2020, 181, 108574.	3.7	21
24	Dual-state emission difluoroboron derivatives for selective detection of picric acid and reversible acid/base fluorescence switching. <i>Analytical Methods</i> , 2021, 13, 2830-2835.	2.7	21
25	High dual-state blue emission of a functionalized pyrazoline derivative for picric acid detection. <i>CrystEngComm</i> , 2021, 23, 221-226.	2.6	19
26	A novel carbazole derivative containing fluorobenzene unit: aggregation-induced fluorescence emission, polymorphism, mechanochromism and non-reversible thermo-stimulus fluorescence. <i>CrystEngComm</i> , 2018, 20, 2772-2779.	2.6	18
27	Tuning the optical properties of fluorophore-hexylcarbazole organic nanoribbons with dispersed inorganic nanocrystals (AgNCs). <i>Journal of Materials Chemistry</i> , 2010, 20, 7372.	6.7	17
28	Mechanoresponsive Material of AIE-Active 1,4-Dihydropyrrolo[3,2-b]pyrrole Luminophores Bearing Tetraphenylethylene Group with Rewritable Data Storage. <i>Molecules</i> , 2018, 23, 3255.	3.8	17
29	D ⁴ -structured triphenylamine fluorophore with bright dual-state emission for reversible mechanofluorochromism and trace water detection. <i>Molecular Systems Design and Engineering</i> , 2022, 7, 963-968.	3.4	17
30	Regulation of luminescence band and exploration of antibacterial activity of a nanohybrid composed of fluorophore-phenothiazine nanoribbons dispersed with Ag nanoparticles. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5047.	5.5	16
31	A simple pyridine-based colorimetric chemosensor for highly sensitive and selective mercury(II) detection with the naked eye. <i>Chemical Papers</i> , 2015, 69, .	2.2	16
32	Alkyl-Engineered Dual-State Luminogens with Pronounced Odd-Even Effects: Quantum Yields with up to 48% Difference and Crystallochromy with up to 22 nm Difference. <i>Journal of Physical Chemistry B</i> , 2022, 126, 2921-2929.	2.6	14
33	Molecular engineering of carbazole-acrylonitrile fluorophores: substituent-dependent optical properties and mechanochromism. <i>CrystEngComm</i> , 2021, 23, 2289-2296.	2.6	13
34	A facile strategy to realize a single/double photon excitation-dependent photosensitizer for imaging-guided phototherapy against HeLa cancer cells at separate irradiation channels. <i>Chemical Communications</i> , 2020, 56, 571-574.	4.1	12
35	A novel fluorophore-cyano-carboxylic-Ag microhybrid: Enhanced two photon absorption for two-photon photothermal therapy of HeLa cancer cells by targeting mitochondria. <i>Biosensors and Bioelectronics</i> , 2018, 108, 14-19.	10.1	11
36	Rational molecular design: functional quinoline derivatives for PA detection, gaseous acid/base switching and anion-controlled fluorescence. <i>CrystEngComm</i> , 2019, 21, 94-101.	2.6	11

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37	Dynamic cyclic behaviors of lipid droplets monitored by two-photon fluorescence probe with high photostability. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117766.	3.9	11
38	A Self-Assembled Nanohybrid Composed of Fluorophore-Phenylamine Nanorods and Ag Nanocrystals: Energy Transfer, Wavelength Shift of Fluorescence and TPEF Applications for Live-Cell Imaging. <i>Chemistry - A European Journal</i> , 2013, 19, 16625-16633.	3.3	9
39	<i>In vivo</i> two-photon imaging/excited photothermal therapy strategy of a silver-nanohybrid. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7377-7386.	5.8	9
40	A novel tetraphenylethylene-functionalized arylimidazole AIEgen for detections of picric acid and Cu ²⁺ . <i>Chemical Papers</i> , 2021, 75, 6297-6306.	2.2	9
41	A multi-stimuli-responsive tetraphenylethene derivative with high fluorescent emission in solid state. <i>Dyes and Pigments</i> , 2022, 197, 109909.	3.7	9
42	A specific HeLa cell-labelled and lysosome-targeted upconversion fluorescent probe: PEG-modified Sr ₂ YbF ₇ :Tm ³⁺ . <i>Nanoscale</i> , 2017, 9, 18861-18866.	5.6	8
43	A novel Schiff base derivative: Synthesis, two-photon absorption properties and application for bioimaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 198, 304-308.	3.9	8
44	Conformation of a Molecular with Functional Imidazole Group: Achieving High Color Contrast Mechanochromic Behavior and Selectively Detection of Picric Acid in Aqueous Medium. <i>ChemistrySelect</i> , 2019, 4, 7380-7387.	1.5	8
45	Formation and nonlinear optical properties of Ag nanocrystals capped with the conjugated ligand carbazolyl styryl terpyridine. <i>New Journal of Chemistry</i> , 2015, 39, 6830-6835.	2.8	7
46	Effect of solvent, pH and metal ions on the self-assembly process and optical properties of an A type triphenylamine carboxylic acid derivative. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2990-3001.	5.5	7
47	Coordination coupling enhanced two-photon absorption of a ZnS-based microhybrid for two-photon microscopy imaging in HepG2. <i>Nanoscale</i> , 2017, 9, 7901-7910.	5.6	6
48	Multi-stimuli responsive properties and structure-property studies of tetraphenylethylene functionalized arylimidazole derivatives. <i>New Journal of Chemistry</i> , 2021, 45, 21327-21333.	2.8	6
49	Time-dependent morphology evolution and density functional theory calculations to study crystal growth process of a triphenylamine nanorod. <i>Journal of Molecular Structure</i> , 2014, 1059, 144-149.	3.6	5
50	Tunable aggregation-induced emission, solid-state fluorescence, and mechanochromic behaviors of tetraphenylethene-based luminophores by slight modulation of substituent structure. <i>Journal of Solid State Chemistry</i> , 2022, 305, 122706.	2.9	5
51	The self-aggregation of fluorophore-triphenylamine nanostructures with tunable luminescent properties: the effect of acidity and rare earth ions. <i>RSC Advances</i> , 2014, 4, 18981-18988.	3.6	4
52	Blue-shift of photoluminescence induced by coupling effect of a nanohybrid composed of fluorophore-phenothiazine derivative and gold nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	3
53	Small lanthanide-doped Sr ₂ YbF ₇ nanocrystals: Upconversion fluorescence and upconversion-driven photodegradation. <i>Optical Materials</i> , 2018, 86, 537-544.	3.6	3
54	Regulation of optical properties for fluorescent triphenylamine-silver hybrid based on SPR effect. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117338.	3.9	3

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55	A computational and experimental investigation of donor-acceptor BODIPY based near-infrared fluorophore for in vivo imaging. <i>Bioorganic Chemistry</i> , 2021, 110, 104789.	4.1	3
56	Water soluble fluorophore-carbazole-Au-DNA nanohybrid: enhanced two-photon absorption for living cell imaging application. <i>RSC Advances</i> , 2015, 5, 94446-94455.	3.6	2
57	A unique bifunctional probe for detecting silicate anions and cupric cations: the modified silica nanoparticles and their coordination. <i>Analytical Methods</i> , 2018, 10, 5480-5485.	2.7	2
58	Understanding the molecular orientation growth on a nanometer scale and adjustable electron transition performance of a terpyridyl derivative under different external environments. <i>CrystEngComm</i> , 2019, 21, 2736-2746.	2.6	1
59	Synthesis, nonlinear optical properties and cellular imaging of hybrid ZnS nanoparticles capped with conjugated terpyridine derivatives. <i>Journal of Materials Science</i> , 2018, 53, 1791-1800.	3.7	0
60	Preparation and linear/nonlinear optical properties of a gold-terpyridine nanohybrid constructed through thiocyanate coordinating bridge. <i>Optical Materials</i> , 2021, 118, 111289.	3.6	0