Shayu Li

List of Publications by Year in descending order

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30 papers	1,490 citations	430874 18 h-index	454955 30 g-index
33 all docs	33 docs citations	33 times ranked	2162 citing authors

#	Article	IF	Citations
1	Photorheological fluids of azobenzene polymers for lubrication regulation. Friction, 2022, 10, 1078-1090.	6.4	7
2	Triarylboron-Based High Photosensitive Probes for Apoptosis Detection, Tumor-Targeted Imaging, and Selectively Inducing Apoptosis of Tumor Cells by Photodynamics. Analytical Chemistry, 2022, 94, 8483-8488.	6.5	7
3	Ratiometric dual fluorescence tridurylboron thermometers with tunable measurement ranges and colors. Talanta, 2020, 210, 120630.	5.5	12
4	Insights into the Luminescence Thermochromism of a Triarylboron Derivative: The Role of Intramolecular Group Interaction. Journal of Physical Chemistry A, 2020, 124, 889-897.	2.5	1
5	Strong Near-Infrared Solid Emission and Enhanced N-Type Mobility for Poly(naphthalene Diimide) Vinylene by a Random Polymerization Strategy. Macromolecules, 2019, 52, 8332-8338.	4.8	8
6	Molecular Glass Resists Based on 9,9â€²-Spirobifluorene Derivatives: Pendant Effect and Comprehensive Evaluation in Extreme Ultraviolet Lithography. ACS Applied Polymer Materials, 2019, 1, 526-534.	4.4	16
7	Ultrasensitive reversible chromophore reaction of BODIPY functions as high ratio double turn on probe. Nature Communications, 2018, 9, 362.	12.8	48
8	A hydrophilicity-based fluorescent strategy to differentiate cysteine/homocysteine over glutathione both in vivo and in vitro. RSC Advances, 2017, 7, 5549-5553.	3.6	7
9	Thermally populated â€œbrightâ€•states for wide-range and high temperature sensing in air. Chemical Communications, 2017, 53, 5702-5705.	4.1	54
10	Novel Reaction-Based Fluorescence Probes for the Detection of Hydrogen Sulfide in Living Cells. ChemistrySelect, 2016, 1, 2581-2585.	1.5	16
11	Molecular Engineering of Aqueous Soluble Triarylboron-Compound-Based Two-Photon Fluorescent Probe for Mitochondria H₂S with Analyte-Induced Finite Aggregation and Excellent Membrane Permeability. Analytical Chemistry, 2016, 88, 1052-1057.	6.5	98
12	Sensing for intracellular thiols by water-insoluble two-photon fluorescent probe incorporating nanogel. Analytica Chimica Acta, 2015, 869, 81-88.	5.4	34
13	Intracellular Fluorescent Temperature Probe Based on Triarylboron Substituted Poly N-Isopropylacrylamide and Energy Transfer. Analytical Chemistry, 2015, 87, 3694-3698.	6.5	78
14	Intramolecular aggregation and optical limiting properties of triazine-linked mono-, bis- and tris-phthalocyanines. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 426-433.	3.9	20
15	In vivo observation of the pH alternation in mitochondria for various external stimuli. Chemical Communications, 2015, 51, 17324-17327.	4.1	48
16	Two photon absorption energy transfer in the light-harvesting complex of photosystem II (LHC-II) modified with organic boron dye. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 295-299.	3.9	4
17	A triarylboron-based fluorescent temperature indicator: sensitive both in solid polymers and in liquid solvents. Chemical Communications, 2014, 50, 2778-2780.	4.1	77
18	Outgassing analysis of molecular glass photoresists under EUV irradiation. Science China Chemistry, 2014, 57, 1746-1750.	8.2	11

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19	Novel fluorescent probes based on intramolecular charge- and proton-transfer compounds. Pure and Applied Chemistry, 2013, 85, 1465-1478.	1.9	14
20	Fluorescent Temperature Sensing Using Triarylboron Compounds and Microcapsules for Detection of a Wide Temperature Range on the Microâ€•and Macroscale. Advanced Functional Materials, 2013, 23, 340-345.	14.9	122
21	Water-phase synthesis of ordered hierarchical copper tetranitrophthalocyanine bundles with desirable superhydrophobicity. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	0
22	A nonpolymeric highly emissive ESIPT organogelator with neither dendritic structures nor long alkyl/alkoxy chains. Soft Matter, 2012, 8, 757-764.	2.7	37
23	Biomedical Applications: Multifunctional Cationic Poly(pâ€phenylene vinylene) Polyelectrolytes for Selective Recognition, Imaging, and Killing of Bacteria Over Mammalian Cells (Adv. Mater. 41/2011). Advanced Materials, 2011, 23, 4804-4804.	21.0	0
24	A Triarylboronâ€Based Fluorescent Thermometer: Sensitive Over a Wide Temperature Range. Angewandte Chemie - International Edition, 2011, 50, 8072-8076.	13.8	317
25	1-Vinylpyrrole-2-carbaldehyde oximes: synthesis, isomerization, and spectral properties. Monatshefte FÃ¼r Chemie, 2009, 140, 1475-1480.	1.8	7
26	Tunable Fluorescence Emission and Efficient Energy Transfer in Doped Organic Nanoparticles. Journal of Physical Chemistry C, 2009, 113, 3862-3868.	3.1	33
27	Pressureâ€Induced Emission Enhancement of a Series of Dicyanovinylâ€Substituted Aromatics: Pressure Tuning of the Molecular Population with Different Conformations. ChemPhysChem, 2008, 9, 1146-1152.	2.1	24
28	Understanding the Pressure-Induced Emission Enhancement for Triple Fluorescent Compound with Excited-State Intramolecular Proton Transfer. Journal of Physical Chemistry A, 2007, 111, 11793-11800.	2.5	65
29	Enhanced Fluorescent Emission of Organic Nanoparticles of an Intramolecular Proton Transfer Compound and Spontaneous Formation of One-Dimensional Nanostructures. Journal of Physical Chemistry B, 2004, 108, 10887-10892.	2.6	171
30	Organic cross-linker-reinforced small-sized CsPbBr3 @silica nanoparticles for fluorescence detection of copper and sulfide ions. Journal of Materials Science, 0, , .	3.7	1