

Guoqiang Yang

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114
papers

3,256
citations

27
h-index

53
g-index

122
ext. papers

3,656
ext. citations

6
avg, IF

5.06
L-index

#	Paper	IF	Citations
114	A rapid aqueous fluoride ion sensor with dual output modes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4915-8	16.4	467
113	A triarylboron-based fluorescent thermometer: sensitive over a wide temperature range. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8072-6	16.4	270
112	Aggregation-induced emission enhancement of 2-(2'-hydroxyphenyl)benzothiazole-based excited-state intramolecular proton-transfer compounds. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 5861-8	3.4	200
111	Enhanced Fluorescent Emission of Organic Nanoparticles of an Intramolecular Proton Transfer Compound and Spontaneous Formation of One-Dimensional Nanostructures. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 10887-10892	3.4	165
110	Fluorescent Temperature Sensing Using Triarylboron Compounds and Microcapsules for Detection of a Wide Temperature Range on the Micro- and Macroscale. <i>Advanced Functional Materials</i> , 2013 , 23, 340-345	15.6	102
109	Water-soluble triarylboron compound for ATP imaging in vivo using analyte-induced finite aggregation. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7809-13	16.4	97
108	Exceptional dendrimer-based mimics of diiron hydrogenase for the photochemical production of hydrogen. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5631-5	16.4	88
107	Molecular Engineering of Aqueous Soluble Triarylboron-Compound-Based Two-Photon Fluorescent Probe for Mitochondria H ₂ S with Analyte-Induced Finite Aggregation and Excellent Membrane Permeability. <i>Analytical Chemistry</i> , 2016 , 88, 1052-7	7.8	82
106	Enhancement of energy utilization in light-harvesting dendrimers by the pseudorotaxane formation at periphery. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9100-6	16.4	79
105	Anion Control of the Self-Assembly of One-Dimensional Molecular Ladders vs Three-Dimensional Cross-like Arrays Based on a Bidentate Schiff Base Ligand. <i>Crystal Growth and Design</i> , 2006 , 6, 1897-1902 ³⁻⁵	3.5	70
104	Intracellular fluorescent temperature probe based on triarylboron substituted poly N-isopropylacrylamide and energy transfer. <i>Analytical Chemistry</i> , 2015 , 87, 3694-8	7.8	68
103	A triarylboron-based fluorescent temperature indicator: sensitive both in solid polymers and in liquid solvents. <i>Chemical Communications</i> , 2014 , 50, 2778-80	5.8	64
102	A novel nanogel-based fluorescent probe for ratiometric detection of intracellular pH values. <i>Chemical Communications</i> , 2014 , 50, 8787-90	5.8	64
101	Sensing in 15 s for aqueous fluoride anion by water-insoluble fluorescent probe incorporating hydrogel. <i>Analytical Chemistry</i> , 2013 , 85, 4113-9	7.8	63
100	Highly sensitive and selective turn-on fluorescent chemosensors for Hg based on thioacetal modified pyrene. <i>Talanta</i> , 2018 , 178, 663-669	6.2	52
99	Advances in Photofunctional Dendrimers for Solar Energy Conversion. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 2340-50	6.4	49
98	Label-free and pH-sensitive colorimetric materials for the sensing of urea. <i>Nanoscale</i> , 2016 , 8, 4458-62	7.7	43

97	Thermally populated "bright" states for wide-range and high temperature sensing in air. <i>Chemical Communications</i> , 2017 , 53, 5702-5705	5.8	39
96	In vivo observation of the pH alternation in mitochondria for various external stimuli. <i>Chemical Communications</i> , 2015 , 51, 17324-7	5.8	39
95	The effects of central metals and peripheral substituents on the photophysical properties and optical limiting performance of phthalocyanines with axial chloride ligand. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009 , 207, 58-65	4.7	38
94	A nonpolymeric highly emissive ESIPT organogelator with neither dendritic structures nor long alkyl/alkoxy chains. <i>Soft Matter</i> , 2012 , 8, 757-764	3.6	36
93	A water-soluble two-photon ratiometric triarylboron probe with nucleolar targeting by preferential RNA binding. <i>Chemical Communications</i> , 2017 , 53, 11476-11479	5.8	34
92	Ultrasensitive reversible chromophore reaction of BODIPY functions as high ratio double turn on probe. <i>Nature Communications</i> , 2018 , 9, 362	17.4	34
91	Molecular Supramolecular Light Harvesting for Photochemical Energy Conversion: Making Every Photon Count. <i>ACS Energy Letters</i> , 2017 , 2, 357-363	20.1	33
90	Bio-inspired controlled release through compression/relaxation cycles of microcapsules. <i>NPG Asia Materials</i> , 2015 , 7, e148-e148	10.3	32
89	Tunable Fluorescence Emission and Efficient Energy Transfer in Doped Organic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 3862-3868	3.8	31
88	Sensing for intracellular thiols by water-insoluble two-photon fluorescent probe incorporating nanogel. <i>Analytica Chimica Acta</i> , 2015 , 869, 81-8	6.6	29
87	Carboxyl-conjugated phthalocyanines used as novel electrode materials with high specific capacity for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 1285-1294	2.6	27
86	Third-order nonlinear optical properties of a series of porphyrin-appended europium(III) bis(phthalocyaninato) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 105, 577-81	4.4	26
85	Patterning and pixelation of colloidal photonic crystals for addressable integrated photonics. <i>Journal of Materials Chemistry</i> , 2011 , 21, 11330		26
84	Artificial photosynthesis dendrimers integrating light-harvesting, electron delivery and hydrogen production. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 12965-12971	13	23
83	Pd-Porphyrin Oligomers Sensitized for Green-to-Blue Photon Upconversion: The More the Better?. <i>Chemistry - A European Journal</i> , 2016 , 22, 8654-62	4.8	23
82	A colorimetric and ratiometric fluorescence sensor for sensitive detection of fluoride ions in water and toothpaste. <i>RSC Advances</i> , 2016 , 6, 49158-49163	3.7	22
81	Light-Harvesting Organic Nanocrystals Capable of Photon Upconversion. <i>ChemSusChem</i> , 2017 , 10, 4610-4615	8.5	21
80	Pressure-induced emission enhancement of a series of dicyanovinyl-substituted aromatics: pressure tuning of the molecular population with different conformations. <i>ChemPhysChem</i> , 2008 , 9, 1146-52	3.2	21

79	Photophysics and Triplet-Triplet Annihilation Analysis for Axially Substituted Gallium Phthalocyanine Doped in Solid Matrix. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 11943-11951	3.8	20
78	Luminescent properties of benzothiazole derivatives and their application in white light emission. <i>RSC Advances</i> , 2017 , 7, 4196-4202	3.7	19
77	Endowing a triarylboron compound showing ACQ with AIE characteristics by transforming its emissive TICT state to be dark. <i>RSC Advances</i> , 2017 , 7, 14511-14515	3.7	19
76	Highly Emissive Nanoparticles Based on AIE-Active Molecule and PAMAM Dendritic "Molecular Glue". <i>Langmuir</i> , 2015 , 31, 4386-93	4	19
75	Intramolecular triplet-triplet energy transfer enhanced triplet-triplet annihilation upconversion with a short-lived triplet state platinum(II) terpyridyl acetylide photosensitizer. <i>RSC Advances</i> , 2015 , 5, 70640-70648	3.7	19
74	Kinetic Effect on Pressure-Induced Phase Transitions of Room Temperature Ionic Liquid, 1-Ethyl-3-methylimidazolium Trifluoromethanesulfonate. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 14245-51	4.5	19
73	A Breathing Dendritic molecule Conformational fluctuation induced by external stimuli. <i>Polymer Chemistry</i> , 2014 , 5, 5978-5984	4.9	19
72	Specific Imaging of Tyrosinase in Vivo with 3-Hydroxybenzyl Caged D-Luciferins. <i>Analytical Chemistry</i> , 2018 , 90, 9296-9300	7.8	19
71	Nanogel-loading a triarylboron-based AIE fluorophore to achieve ratiometric sensing for hydrogen peroxide and sequential response for pH. <i>New Journal of Chemistry</i> , 2017 , 41, 4733-4737	3.6	18
70	Strong reverse saturable absorption effect of a nonaggregated phthalocyanine-grafted MAOA polymer. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9767-9777	7.1	18
69	Nanofibers of 1,3-Diphenyl-2-pyrazoline Induced by Cetyltrimethylammonium Bromide Micelles. <i>Angewandte Chemie</i> , 2003 , 115, 2989-2992	3.6	17
68	A Stable Trinuclear Zinc Cluster Assembled from a Thiazolylazo Dye and Zinc Acetate: Preparation, Structural Characterization and Spectroscopic Studies. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4186-4192	2.3	17
67	Photophysical, G-quadruplex DNA binding and cytotoxic properties of terpyridine complexes with a naphthalimide ligand. <i>RSC Advances</i> , 2016 , 6, 36923-36931	3.7	17
66	Triplet-Triplet Annihilation Upconversion for Photocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2019 , 25, 16270-16276	4.8	16
65	Visual detection of carbonate ions by inverse opal photonic crystal polymers in aqueous solution. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 9524-9527	7.1	16
64	An ultrasensitive bioluminogenic probe of β -Glutamyltranspeptidase in vivo and in human serum for tumor diagnosis. <i>Biosensors and Bioelectronics</i> , 2017 , 98, 325-329	11.8	16
63	Discovery of carbon-based strongest and hardest amorphous material.. <i>National Science Review</i> , 2022 , 9, nwab140	10.8	16
62	Intramolecular aggregation and optical limiting properties of triazine-linked mono-, bis- and tris-phthalocyanines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 149, 426-33	4.4	15

61	Fabrication and directed assembly of magnetic Janus rods. <i>New Journal of Chemistry</i> , 2016 , 40, 6541-6545	4.56	15
60	Combined Raman Scattering and X-ray Diffraction Study of Phase Transition of the Ionic Liquid [BMIM][TFSI] Under High Pressure. <i>Journal of Solution Chemistry</i> , 2015 , 44, 2106-2116	1.8	15
59	Easily fixed simple small ESIPT molecule with aggregation induced emission for fast and photostable turn-on bioimaging. <i>RSC Advances</i> , 2015 , 5, 7789-7793	3.7	14
58	General Aggregation-Induced Emission Probes for Amyloid Inhibitors with Dual Inhibition Capacity against Amyloid β Protein and α Synuclein. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 31182-31194	9.5	14
57	Modifying the symmetry of colloidal photonic crystals: a way towards complete photonic bandgap. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4100	7.1	14
56	Visualization of Parallel G-Quadruplexes in Cells with a Series of New Developed Bis(4-aminobenzylidene)acetone Derivatives. <i>ACS Omega</i> , 2018 , 3, 10487-10492	3.9	14
55	Efficient photochemical production of hydrogen in aqueous solution by simply incorporating a water-insoluble hydrogenase mimic into a hydrogel. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 20500-20505	13	13
54	A novel triarylboron based ratiometric fluorescent probe for in vivo targeting and specific imaging of cancer cells expressing abnormal concentration of GGT. <i>Biosensors and Bioelectronics</i> , 2019 , 142, 111497	11.8	12
53	Novel Reaction-Based Fluorescence Probes for the Detection of Hydrogen Sulfide in Living Cells. <i>ChemistrySelect</i> , 2016 , 1, 2581-2585	1.8	12
52	Thermally Activated Delayed Fluorescence via Triplet Fusion. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 6239-6245	6.4	11
51	A triarylboron-based binuclear Zn(II) complex as a two-photon fluorescent probe for simultaneous multicolor imaging of the cell membrane, endoplasmic reticulum, and nucleolus. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 5223-5231	4.4	11
50	Application of Triarylboron Substituted with Cyclic Arginine-Glycine-Aspartic Acid Motifs as a Multivalent Two-Photon Fluorescent Probe for Tumor Imaging in Vivo. <i>Analytical Chemistry</i> , 2019 , 91, 6340-6344	7.8	11
49	Piperazine multi-substituted triarylboron compound as an aqueous soluble fluorescent probe for imaging nucleoli, nuclear matrix and nuclear membrane. <i>Sensors and Actuators B: Chemical</i> , 2018 , 261, 531-536	8.5	11
48	Structural, photophysical and nonlinear optical limiting properties of sandwich phthalocyanines with different rare earth metals. <i>Dyes and Pigments</i> , 2021 , 184, 108862	4.6	11
47	Synthesis, G-quadruplex binding properties and cytotoxicity of naphthalimide-thiourea conjugates. <i>New Journal of Chemistry</i> , 2017 , 41, 9397-9405	3.6	10
46	Modification of colloidal particles by unidirectional silica deposition for urchin-like morphologies. <i>RSC Advances</i> , 2016 , 6, 32956-32959	3.7	10
45	Novel fluorescent probes based on intramolecular charge- and proton-transfer compounds. <i>Pure and Applied Chemistry</i> , 2013 , 85, 1465-1478	2.1	9
44	Outgassing analysis of molecular glass photoresists under EUV irradiation. <i>Science China Chemistry</i> , 2014 , 57, 1746-1750	7.9	8

43	Excited-State Deactivation of Branched Phthalocyanine Compounds. <i>ChemPhysChem</i> , 2015 , 16, 3893-901	3.2	8
42	A novel stable CuI complex based on an unconjugated bisanthryl-tethered diimine ligand with tri-coordinate mode. <i>Journal of Chemical Crystallography</i> , 2006 , 36, 631-636	0.5	8
41	Traceable cancer cell photoablation with a new mitochondria-responsive and -activatable red-emissive photosensitizer. <i>Chemical Communications</i> , 2019 , 55, 3801-3804	5.8	8
40	Faster Resonance Energy-Transfer-Based Ratiometric Fluorescent Indicator for Quantifying Fluoride Ion in Water and Toothpaste. <i>ACS Omega</i> , 2018 , 3, 18153-18159	3.9	8
39	Molecular Glass Resists Based on 9,9'-Spirobifluorene Derivatives: Pendant Effect and Comprehensive Evaluation in Extreme Ultraviolet Lithography. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 526-534	4.3	7
38	Low threshold photonic crystal lasing from a dye with high emission quantum yield and weak self-quenching. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 6157	7.1	7
37	Feasible organic films using noninterfering emitters for sensitive and spatial high-temperature sensing. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 8115-8121	7.1	7
36	A hydrophilicity-based fluorescent strategy to differentiate cysteine/homocysteine over glutathione both in vivo and in vitro. <i>RSC Advances</i> , 2017 , 7, 5549-5553	3.7	6
35	Self-complementary hydrogen-bonded duplexes and helices based on bis(pyrrolyl)carbohydrazide derivatives. <i>CrystEngComm</i> , 2011 , 13, 6021	3.3	6
34	1-Vinylpyrrole-2-carbaldehyde oximes: synthesis, isomerization, and spectral properties. <i>Monatshefte für Chemie</i> , 2009 , 140, 1475-1480	1.4	6
33	Synthesis and structures of two cobalt(II) coordination networks formed from aromatic polycarboxylates and 1,4-bis(imidazole-1-ylmethyl)benzene. <i>Transition Metal Chemistry</i> , 2009 , 34, 185-190 ¹	2.1	6
32	Photodynamic properties of supramolecular assembly constructed by magnesium complex of hypocrellin A and fullerene C60. <i>New Journal of Chemistry</i> , 2008 , 32, 1555	3.6	6
31	Molecular Glass Photoresists with High Resolution, Low LER, and High Sensitivity for EUV Lithography. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700654	3.9	6
30	Pressure-induced ionic liquid crystal in 1-dodecyl-3-methylimidazolium tetrafluoroborate. <i>RSC Advances</i> , 2017 , 7, 26428-26433	3.7	5
29	Synthesis and Third-Order Nonlinear Optical Properties of Copper and Nickel Coordination Complexes of Azo Dyes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012 , 22, 48-53 ^{3,2}	3.2	5
28	Ratiometric dual fluorescence tridurylboron thermometers with tunable measurement ranges and colors. <i>Talanta</i> , 2020 , 210, 120630	6.2	5
27	Axially substituted phthalocyanine/naphthalocyanine doped in glass matrix: an approach to the practical use for optical limiting material. <i>Optics Express</i> , 2016 , 24, 9723-33	3.3	5
26	In-Situ Observation of the Formation of Fibrous Sulfur under High Pressure. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 14696-14700	3.8	4

25	Two photon absorption energy transfer in the light-harvesting complex of photosystem II (LHC-II) modified with organic boron dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 128, 295-9	4.4	4
24	Thermally Activated Upconversion with Metal-Free Sensitizers Enabling Exceptional Anti-Stokes Shift and Anti-counterfeiting Application. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 57481-57488 ^{9,5}		4
23	'Light up' protein-protein interaction through bioorthogonal incorporation of a turn-on fluorescent probe into β -lactamase. <i>Molecular BioSystems</i> , 2016 , 12, 3544-3549		4
22	Temperature-sensitive triarylboron compounds based on naphthalene substituents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 226, 117648	4.4	4
21	Preparation and enhanced catalytic activity of amphiphilic rambutan-like micro-reactors. <i>RSC Advances</i> , 2015 , 5, 74362-74365	3.7	3
20	Light-harvesting complex II sensitized oxide photoanodes with organic acceptor molecule as electron transfer mediator. <i>Chemical Research in Chinese Universities</i> , 2014 , 30, 181-184	2.2	2
19	Preparation of transparent monolithic methylsilsesquioxane (MSQ) aerogels via ambient pressure drying. <i>RSC Advances</i> , 2017 , 7, 32861-32865	3.7	2
18	Ionic Liquid: A Good Pressure Transmitting Medium. <i>Journal of Solution Chemistry</i> , 2017 , 46, 3-10	1.8	2
17	Syntheses and crystal structures of nickel(II), copper(II), and zinc(II) complexes with a biphenyl-bridged bis(pyrrole-2-yl-methyleneamine) ligand. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 3478-3487	1.6	2
16	Static and dynamic diamond anvil cell (s-dDAC): A bidirectional remote controlled device for static and dynamic compression/decompression. <i>Matter and Radiation at Extremes</i> , 2022 , 7, 018401	4.7	2
15	Visualized Real-Time and Spatial High-Temperature Sensing in Air-Stable Organic Films. <i>Advanced Materials Technologies</i> , 2020 , 5, 1901035	6.8	2
14	Compression Rate-Dependent Crystallization of Pyridine. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 6983-6989 ²		
13	Efficient acceptorless dehydrogenation of hydrogen-rich N-heterocycles photocatalyzed by Ni(OH) ₂ @CdSe/CdS quantum dots. <i>Catalysis Science and Technology</i> , 2021 , 11, 3810-3817	5.5	2
12	Increasing Doping Solubility of RE ³⁺ Ions in Fergusonite BiVO ₄ via Pressure-Induced Phase Transition. <i>Journal of Physical Chemistry C</i> ,	3.8	2
11	Tunable amplified spontaneous emission based on liquid magnetically responsive photonic crystals. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3740-3743	7.1	1
10	Insights into the Luminescence Thermochromism of a Triarylboron Derivative: The Role of Intramolecular Group Interaction. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 889-897	2.8	1
9	Molecular Dual-Rotators with Large Consecutive Emission Chromism for Visualized and High-Pressure Sensing. <i>ACS Omega</i> , 2018 , 3, 717-723	3.9	1
8	Epitaxial growth of bulky calcite inverse opal induced by a single crystalline calcite substrate. <i>CrystEngComm</i> , 2014 , 16, 7617	3.3	1

7	Single-Sample Ratiometric Organic Films for Naked-Eye High-Temperature Multi-Threshold Indication. <i>Advanced Optical Materials</i> , 2021, 13, 2101350	8.1	1
6	Negative-tone molecular glass photoresist for high-resolution electron beam lithography. <i>Royal Society Open Science</i> , 2021, 8, 202132	3.3	1
5	Funneling and Enhancing Upconversion Emission by Light-Harvesting Molecular Wires. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9525-9530	6.4	1
4	Crystallization and near-infrared emission from host-guest based supramolecular polymers. <i>New Journal of Chemistry</i> , 2021, 45, 9761-9765	3.6	0
3	Water-phase synthesis of ordered hierarchical copper tetranitrophthalocyanine bundles with desirable superhydrophobicity. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1	2.3	
2	Biomedical Applications: Multifunctional Cationic Poly(p-phenylene vinylene) Polyelectrolytes for Selective Recognition, Imaging, and Killing of Bacteria Over Mammalian Cells (Adv. Mater. 41/2011). <i>Advanced Materials</i> , 2011, 23, 4804-4804	24	
1	Are photo-induced crystalline sulfur and S-II equivalent under high pressure?. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 113964	4.7	