

# Guangle Niu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57  
papers

3,143  
citations

28  
h-index

56  
g-index

57  
ext. papers

3,938  
ext. citations

8.8  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
57	Precise and long-term tracking of mitochondria in neurons using a bioconjugatable and photostable AIE luminogen.. <i>Chemical Science</i> , <b>2022</b> , 13, 2965-2970	9.4	0
56	Exploiting the Twisted Intramolecular Charge Transfer Effect to Construct a Wash-Free Solvatochromic Fluorescent Lipid Droplet Probe for Fatty Liver Disease Diagnosis.. <i>Analytical Chemistry</i> , <b>2022</b> , 94, 3881-3887	7.8	8
55	Near-Infrared Light-Triggered Lysosome-Targetable Carbon Dots for Photothermal Therapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 53610-53617	9.5	8
54	Two-Color Visualization of Cholesterol Fluctuation in Plasma Membranes by Spatial Distribution-Controllable Single Fluorescent Probes. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9074-9082	7.8	6
53	Simultaneous visualization of lipid droplets and lysosomes using a single fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 329, 129148	8.5	15
52	Fabrication of small-structure red-emissive fluorescent probes for plasma membrane enables quantification of nuclear to cytoplasmic ratio in live cells and tissues. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 249, 119338	4.4	1
51	Diagnosis of fatty liver disease by a multiphoton-active and lipid-droplet-specific AIEgen with nonaromatic rotors. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 1853-1862	7.8	9
50	Simultaneous Two-Color Visualization of Lipid Droplets and Endoplasmic Reticulum and Their Interplay by Single Fluorescent Probes in Lambda Mode. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 3169-3179	16.4	51
49	A Single Fluorescent pH Probe for Simultaneous Two-Color Visualization of Nuclei and Mitochondria and Monitoring Cell Apoptosis. <i>ACS Sensors</i> , <b>2021</b> , 6, 1552-1559	9.2	11
48	A pH-Sensitive Spirocyclization Strategy for Constructing a Single Fluorescent Probe Simultaneous Two-Color Visualizing of Lipid Droplets and Lysosomes and Monitoring of Lipophagy. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 11729-11735	7.8	12
47	Acceptor-donor-acceptor structured deep-red AIE photosensitizer: Lysosome-specific targeting, in vivo long-term imaging, and effective photodynamic therapy. <i>Chemical Engineering Journal</i> , <b>2021</b> , 132638	14.7	5
46	A water-soluble and photostable aggregation-induced emission lumogen for imaging Gram-negative bacteria by supramolecular assembly. <i>Dyes and Pigments</i> , <b>2021</b> , 194, 109653	4.6	1
45	Highly Efficient Aggregation-Induced Red-Emissive Organic Thermally Activated Delayed Fluorescence Materials with Prolonged Fluorescence Lifetime for Time-Resolved Luminescence Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 51293-51301	9.5	32
44	Visualizing semipermeability of the cell membrane using a pH-responsive ratiometric AIEgen. <i>Chemical Science</i> , <b>2020</b> , 11, 5753-5758	9.4	10
43	Specific photoacoustic cavitation through nucleus targeted nanoparticles for high-efficiency tumor therapy. <i>Nano Research</i> , <b>2020</b> , 13, 719-728	10	8
42	Single AIEgen for multiple tasks: Imaging of dual organelles and evaluation of cell viability. <i>Biomaterials</i> , <b>2020</b> , 242, 119924	15.6	20
41	monitoring of tissue regeneration using a ratiometric lysosomal AIE probe. <i>Chemical Science</i> , <b>2020</b> , 11, 3152-3163	9.4	24

40	Phage-Guided Targeting, Discriminative Imaging, and Synergistic Killing of Bacteria by AIE Bioconjugates. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 3959-3969	16.4	80
39	In Vitro Light-Up Visualization of a Subunit-Specific Enzyme by an AIE Probe via Restriction of Single Molecular Motion. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10003-10007	16.4	19
38	In Vitro Light-Up Visualization of a Subunit-Specific Enzyme by an AIE Probe via Restriction of Single Molecular Motion. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10089-10093	3.6	4
37	Cancer cell discrimination and dynamic viability monitoring through wash-free bioimaging using AIEgens. <i>Chemical Science</i> , <b>2020</b> , 11, 7676-7684	9.4	26
36	AIE luminogens as fluorescent bioprobes. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 123, 115769	14.6	58
35	Bright Aggregation-Induced Emission Nanoparticles for Two-Photon Imaging and Localized Compound Therapy of Cancers. <i>ACS Nano</i> , <b>2020</b> ,	16.7	28
34	Fluorescent AIE-Active Materials for Two-Photon Bioimaging Applications. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 617463	5	11
33	Mitochondria-targeting NIR fluorescent probe for rapid, highly sensitive and selective visualization of nitroxyl in live cells, tissues and mice. <i>Science China Chemistry</i> , <b>2020</b> , 63, 282-289	7.9	8
32	Polarized resonance synchronous spectroscopy as a powerful tool for studying the kinetics and optical properties of aggregation-induced emission. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 12086-12094	7.1	4
31	Reaction-free and MMP-independent fluorescent probes for long-term mitochondria visualization and tracking. <i>Chemical Science</i> , <b>2019</b> , 10, 1994-2000	9.4	47
30	Bright solid-state red-emissive BODIPYs: facile synthesis and their high-contrast mechanochromic properties. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 3471-3478	7.1	44
29	Ratiometric Detection of Mitochondrial Thiol with a Two-Photon Active AIEgen.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 3120-3127	4.1	18
28	Highly photostable two-photon NIR AIEgens with tunable organelle specificity and deep tissue penetration. <i>Biomaterials</i> , <b>2019</b> , 208, 72-82	15.6	57
27	Functionalized Acrylonitriles with Aggregation-Induced Emission: Structure Tuning by Simple Reaction-Condition Variation, Efficient Red Emission, and Two-Photon Bioimaging. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 15111-15120	16.4	93
26	A colorimetric and fluorescent lighting-up sensor based on ICT coupled with PET for rapid, specific and sensitive detection of nitrite in food. <i>Chemical Communications</i> , <b>2019</b> , 55, 9947-9950	5.8	27
25	Red emissive fluorescent probe for the rapid detection of selenocysteine. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 264, 234-239	8.5	12
24	Benzothiazole-Based AIEgen with Tunable Excited-State Intramolecular Proton Transfer and Restricted Intramolecular Rotation Processes for Highly Sensitive Physiological pH Sensing. <i>ACS Sensors</i> , <b>2018</b> , 3, 920-928	9.2	103
23	Selectively light-up hydrogen peroxide in hypoxic cancer cells with a novel fluorescent probe. <i>Chemical Communications</i> , <b>2018</b> , 54, 13957-13960	5.8	12

22	Exploration of biocompatible AIEgens from natural resources. <i>Chemical Science</i> , <b>2018</b> , 9, 6497-6502	9.4	103
21	Specific Two-Photon Imaging of Live Cellular and Deep-Tissue Lipid Droplets by Lipophilic AIEgens at Ultralow Concentration. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 4778-4787	9.6	88
20	Coumarin-Based Boron Complexes with Aggregation-Induced Emission. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 3456-3462	4.2	44
19	Water-Soluble Polythiophene for Two-Photon Excitation Fluorescence Imaging and Photodynamic Therapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 14590-14595	9.5	36
18	Lysosome-targetable polythiophene nanoparticles for two-photon excitation photodynamic therapy and deep tissue imaging. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 3651-3657	7.3	32
17	Two-photon-excited near-infrared emissive carbon dots as multifunctional agents for fluorescence imaging and photothermal therapy. <i>Nano Research</i> , <b>2017</b> , 10, 3113-3123	10	170
16	A family of multi-color anthracene carboxyimides: Synthesis, spectroscopic properties, solvatochromic fluorescence and bio-imaging application. <i>Dyes and Pigments</i> , <b>2017</b> , 139, 166-173	4.6	27
15	Single Near-Infrared Emissive Polymer Nanoparticles as Versatile Phototheranostics. <i>Advanced Science</i> , <b>2017</b> , 4, 1700085	13.6	50
14	Polymer nanoparticles with high photothermal conversion efficiency as robust photoacoustic and thermal theranostics. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 2832-2839	7.3	24
13	Versatile Polymer Nanoparticles as Two-Photon-Triggered Photosensitizers for Simultaneous Cellular, Deep-Tissue Imaging, and Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1601431	10.1	29
12	Near-Infrared Probe Based on Rhodamine Derivative for Highly Sensitive and Selective Lysosomal pH Tracking. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 1922-1929	7.8	105
11	Near-Infrared Organic Dye-Based Nanoagent for the Photothermal Therapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 29899-29905	9.5	85
10	Gold nanorod@silica-carbon dots as multifunctional phototheranostics for fluorescence and photoacoustic imaging-guided synergistic photodynamic/photothermal therapy. <i>Nanoscale</i> , <b>2016</b> , 8, 13067-77	7.7	101
9	Graphene quantum dots as efficient, metal-free, visible -light-active photocatalysts. <i>Science China Materials</i> , <b>2016</b> , 59, 12-19	7.1	38
8	Tunable multicolor carbon dots prepared from well-defined polythiophene derivatives and their emission mechanism. <i>Nanoscale</i> , <b>2016</b> , 8, 729-34	7.7	150
7	Keto-benzo[h]-Coumarin-Based Near-Infrared Dyes with Large Stokes Shifts for Bioimaging Applications. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 498-504	4.5	26
6	Deep-red to near-infrared fluorescent dyes: Synthesis, photophysical properties, and application in cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 164, 8-14	4.4	14
5	Deep-Red and Near-Infrared Xanthene Dyes for Rapid Live Cell Imaging. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 7393-9	4.2	32

4	Aminobenzofuran-fused rhodamine dyes with deep-red to near-infrared emission for biological applications. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 3170-5	4.2	34
3	Deep-red emissive crescent-shaped fluorescent dyes: substituent effect on live cell imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 7421-7	9.5	38
2	A graphene quantum dot photodynamic therapy agent with high singlet oxygen generation. <i>Nature Communications</i> , <b>2014</b> , 5, 4596	17.4	946
1	Coumarin- and rhodamine-fused deep red fluorescent dyes: synthesis, photophysical properties, and bioimaging in vitro. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 6121-30	4.2	99