

Yifei Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

738
citations

687363

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526287

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28
all docs

28
docs citations

28
times ranked

854
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Harvesting and Amplified Energy Transfer in Conjugated Polymer Nanoparticles. <i>Chemical Reviews</i> , 2017, 117, 838-859.	47.7	217
2	Simultaneous Detection of Multiple Tumor Markers in Blood by Functional Liquid Crystal Sensors Assisted with Target-Induced Dissociation of Aptamer. <i>Analytical Chemistry</i> , 2020, 92, 3867-3873.	6.5	77
3	A BODIPY-Based Donor/Donor-Acceptor System: Towards Highly Efficient Long-Wavelength-Excitable Near-IR Polymer Dots with Narrow and Strong Absorption Features. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7008-7012.	13.8	57
4	Detection of Biomarkers in Blood Using Liquid Crystals Assisted with Aptamer-Target Recognition Triggered in Situ Rolling Circle Amplification on Magnetic Beads. <i>Analytical Chemistry</i> , 2019, 91, 11653-11660.	6.5	41
5	Reversible Ratiometric NADH Sensing Using Semiconducting Polymer Dots. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12007-12012.	13.8	37
6	Improved Superresolution Imaging Using Telegraph Noise in Organic Semiconductor Nanoparticles. <i>Nano Letters</i> , 2017, 17, 3896-3901.	9.1	33
7	Dual-Mode Superresolution Imaging Using Charge Transfer Dynamics in Semiconducting Polymer Dots. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16173-16180.	13.8	27
8	High-Throughput Counting and Superresolution Mapping of Tetraspanins on Exosomes Using a Single-Molecule Sensitive Flow Technique and Transistor-Like Semiconducting Polymer Dots. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13470-13475.	13.8	27
9	An integrated liquid crystal sensing device assisted by the surfactant-embedded smart hydrogel. <i>Biosensors and Bioelectronics</i> , 2021, 187, 113313.	10.1	27
10	Superresolution mapping of energy landscape for single charge carriers in plastic semiconductors. <i>Nature Communications</i> , 2018, 9, 4314.	12.8	19
11	Monitoring Metabolites Using an NAD(P)H-sensitive Polymer Dot and a Metabolite-Specific Enzyme. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19331-19336.	13.8	19
12	Nanoscale Metal-Organic Frameworks as Fluorescence Sensors for Food Safety. <i>Antibiotics</i> , 2021, 10, 358.	3.7	18
13	Nanoscopy of Single Charge Carrier Jumps in a Conjugated Polymer Nanoparticle. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1376-1383.	3.1	17
14	Sizing Extracellular Vesicles Using Membrane Dyes and a Single Molecule-Sensitive Flow Analyzer. <i>Analytical Chemistry</i> , 2021, 93, 5897-5905.	6.5	13
15	Multimode Time-Resolved Superresolution Microscopy Revealing Chain Packing and Anisotropic Single Carrier Transport in Conjugated Polymer Nanowires. <i>Nano Letters</i> , 2021, 21, 4255-4261.	9.1	13
16	Effect of Swelling on Multiple Energy Transfer in Conjugated Polymer Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2017, 121, 7549-7557.	3.1	12
17	\hat{I}^2 -arrestin-dependent PI(4,5)P ₂ synthesis boosts GPCR endocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
18	Improving the Accuracy of Pdot-Based Continuous Glucose Monitoring by Using External Ratiometric Calibration. <i>Analytical Chemistry</i> , 2021, 93, 2359-2366.	6.5	11

#	ARTICLE	IF	CITATIONS
19	Single-Molecule Flow Platform for the Quantification of Biomolecules Attached to Single Nanoparticles. <i>Analytical Chemistry</i> , 2018, 90, 6089-6095.	6.5	10
20	Reversible Ratiometric NADH Sensing Using Semiconducting Polymer Dots. <i>Angewandte Chemie</i> , 2021, 133, 12114-12119.	2.0	8
21	Monitoring Metabolites Using an NAD(P)H-sensitive Polymer Dot and a Metabolite-specific Enzyme. <i>Angewandte Chemie</i> , 2021, 133, 19480-19485.	2.0	8
22	Sequential Ensemble-Decision Aliquot Ranking Isolation and Fluorescence <i>In Situ</i> Hybridization Identification of Rare Cells from Blood by Using Concentrated Peripheral Blood Mononuclear Cells. <i>Analytical Chemistry</i> , 2021, 93, 3196-3201.	6.5	7
23	Ultrabright Pdots with a Large Absorbance Cross Section and High Quantum Yield. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13631-13637.	8.0	7
24	High-throughput Counting and Superresolution Mapping of Tetraspanins on Exosomes Using a Single-molecule Sensitive Flow Technique and Transistor-like Semiconducting Polymer Dots. <i>Angewandte Chemie</i> , 2021, 133, 13582-13587.	2.0	5
25	A pendant droplet-based sensor for the detection of acetylcholinesterase and its inhibitors. <i>Chemical Communications</i> , 2021, 57, 8909-8912.	4.1	5
26	A BODIPY-based Donor/Donor-acceptor System: Towards Highly Efficient Long-wavelength Excitable Near-IR Polymer Dots with Narrow and Strong Absorption Features. <i>Angewandte Chemie</i> , 2019, 131, 7082-7086.	2.0	4
27	Dual-mode Superresolution Imaging Using Charge Transfer Dynamics in Semiconducting Polymer Dots. <i>Angewandte Chemie</i> , 2020, 132, 16307-16314.	2.0	4
28	Force-induced Molecular Isomerization for the Construction of Multicolor Luminescent Segmented Molecular Crystals. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	4