

Nan Li

List of Publications by Year in descending order

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45
papers

2,571
citations

279798

23
h-index

243625

44
g-index

45
all docs

45
docs citations

45
times ranked

3953
citing authors

#	ARTICLE	IF	CITATIONS
1	Di-4-ANEPPDHQ probes the response of lipid packing to the membrane tension change in living cells. Chinese Chemical Letters, 2022, 33, 1377-1380.	9.0	11
2	Cell manipulation and cellular analysis. , 2022, , 145-179.		0
3	Ion Migration in Perovskite Light-Emitting Diodes: Mechanism, Characterizations, and Material and Device Engineering. Advanced Materials, 2022, 34, e2108102.	21.0	85
4	A Specific Mass-Tag Approach for Detection of Foodborne Pathogens Using MALDI-TOF Mass Spectrometry. Analytical Chemistry, 2022, 94, 3963-3969.	6.5	23
5	Diammonium-Mediated Perovskite Film Formation for High-Efficiency Red Perovskite Light-Emitting Diodes. Advanced Materials, 2022, 34, .	21.0	23
6	How Far Are We from Achieving Self-Powered Flexible Health Monitoring Systems: An Energy Perspective. Advanced Energy Materials, 2021, 11, 2002646.	19.5	70
7	Phenylalkylammonium passivation enables perovskite light emitting diodes with record high-radiance operational lifetime: the chain length matters. Nature Communications, 2021, 12, 644.	12.8	109
8	Metabolism-Based Capture and Analysis of Circulating Tumor Cells in an Open Space. Analytical Chemistry, 2021, 93, 6955-6960.	6.5	19
9	Excess Ion-Induced Efficiency Roll-Off in High-Efficiency Perovskite Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2021, 13, 28546-28554.	8.0	27
10	Effect of Dai-Bai-Jie on the proliferation and migration of the A549 cells. Chinese Chemical Letters, 2020, 31, 476-478.	9.0	4
11	Role of Excess FAI in Formation of High-Efficiency FAPbI ₃ -Based Light-Emitting Diodes. Advanced Functional Materials, 2020, 30, 1906875.	14.9	44
12	Concentrating Single Cells in Picoliter Droplets for Phospholipid Profiling on a Microfluidic System. Small, 2020, 16, e1903402.	10.0	36
13	Alkali-cation-enhanced benzylammonium passivation for efficient and stable perovskite solar cells fabricated through sequential deposition. Journal of Materials Chemistry A, 2020, 8, 19357-19366.	10.3	13
14	Visual detection of high-risk HPV16 and HPV18 based on loop-mediated isothermal amplification. Talanta, 2020, 217, 121015.	5.5	12
15	Stabilizing Perovskite Light-Emitting Diodes by Incorporation of Binary Alkali Cations. Advanced Materials, 2020, 32, e1907786.	21.0	64
16	Degradation Mechanism of Perovskite Light-Emitting Diodes: An In Situ Investigation via Electroabsorption Spectroscopy and Device Modelling. Advanced Functional Materials, 2020, 30, 1910464.	14.9	41
17	Cell Heterogeneity Revealed by On-Chip Angiogenic Endothelial Cell Migration. ACS Omega, 2020, 5, 3857-3862.	3.5	6
18	ATP-responsive mitochondrial probes for monitoring metabolic processes of glioma stem cells in a 3D model. Chemical Science, 2020, 11, 2744-2749.	7.4	20

#	ARTICLE	IF	CITATIONS
19	Tailoring electrical property of the low-temperature processed SnO ₂ for high-performance perovskite solar cells. <i>Science China Materials</i> , 2019, 62, 173-180.	6.3	13
20	Multifunctional Regulation of 3D Cell-Laden Microsphere Culture on an Integrated Microfluidic Device. <i>Analytical Chemistry</i> , 2019, 91, 12283-12289.	6.5	31
21	Nongenetically Encoded and Erasable Imaging Strategy for Receptor-Specific Glycans on Live Cells. <i>Analytical Chemistry</i> , 2019, 91, 2600-2604.	6.5	18
22	Analysis of cellular biomolecules and behaviors using microfluidic chip and fluorescence method. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 117, 200-214.	11.4	33
23	Improved Efficiency and Stability of Pb/Sn Binary Perovskite Solar Cells Fabricated by Galvanic Displacement Reaction. <i>Advanced Energy Materials</i> , 2019, 9, 1802774.	19.5	67
24	Shear Stress-Enhanced Internalization of Cell Membrane Proteins Indicated by a Hairpin-Type DNA Probe. <i>Analytical Chemistry</i> , 2018, 90, 5540-5545.	6.5	35
25	Inkjet Printing Based Droplet Generation for Integrated Online Digital Polymerase Chain Reaction. <i>Analytical Chemistry</i> , 2018, 90, 5329-5334.	6.5	65
26	MoS ₂ -LA-PEI nanocomposite carrier for real-time imaging of ATP metabolism in glioma stem cells co-cultured with endothelial cells on a microfluidic system. <i>Biosensors and Bioelectronics</i> , 2018, 99, 142-149.	10.1	24
27	The role of interface between electron transport layer and perovskite in halogen migration and stabilizing perovskite solar cells with Cs ₄ SnO ₄ . <i>Journal of Materials Chemistry A</i> , 2018, 6, 23797-23804.	10.3	19
28	Live imaging of cell membrane-localized MT1-MMP activity on a microfluidic chip. <i>Chemical Communications</i> , 2018, 54, 11435-11438.	4.1	10
29	Shell microparticles of morphology controlled and inner-modified hole from sequential inkjet-printed double emulsions. <i>Science China Chemistry</i> , 2018, 61, 1465-1469.	8.2	3
30	Inorganic CsPb _{1-x} Sn _x IBr ₂ for Efficient Wide-Bandgap Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1800525.	19.5	192
31	Efficient and UV-stable perovskite solar cells enabled by side chain-engineered polymeric hole-transporting layers. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12999-13004.	10.3	43
32	Direct Evidence of Ion Diffusion for the Silver-Electrode-Induced Thermal Degradation of Inverted Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2017, 7, 1602922.	19.5	277
33	A DNA-directed covalent conjugation fluorescence probe for in vitro detection of functional matrix metalloproteinases. <i>Analyst</i> , 2017, 142, 634-640.	3.5	12
34	Improved performance of pure formamidinium lead iodide perovskite light-emitting diodes by moisture treatment. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11121-11127.	5.5	8
35	Enhanced efficiency and stability of inverted perovskite solar cells by interfacial engineering with alkyl bisphosphonic molecules. <i>RSC Advances</i> , 2017, 7, 42105-42112.	3.6	13
36	Enhanced Moisture Stability of Cesium-Containing Compositional Perovskites by a Feasible Interfacial Engineering. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700598.	3.7	65

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37	Inkjet Printing Based Separation of Mammalian Cells by Capillary Electrophoresis. Analytical Chemistry, 2017, 89, 8674-8677.	6.5	20
38	Mixed Cation FA _x PEA _{1-x} PbI ₃ with Enhanced Phase and Ambient Stability toward High-Performance Perovskite Solar Cells. Advanced Energy Materials, 2017, 7, 1601307.	19.5	298
39	A self-powered organolead halide perovskite single crystal photodetector driven by a DVD-based triboelectric nanogenerator. Journal of Materials Chemistry C, 2016, 4, 630-636.	5.5	87
40	Enhanced performance in hybrid perovskite solar cell by modification with spinel lithium titanate. Journal of Materials Chemistry A, 2015, 3, 8882-8889.	10.3	19
41	Multifunctional MgO Layer in Perovskite Solar Cells. ChemPhysChem, 2015, 16, 1727-1732.	2.1	70
42	Improved charge transport and injection in a meso-superstructured solar cell by a tractable pre-spin-coating process. Physical Chemistry Chemical Physics, 2015, 17, 24092-24097.	2.8	14
43	Graphene oxide as dual functional interface modifier for improving wettability and retarding recombination in hybrid perovskite solar cells. Journal of Materials Chemistry A, 2014, 2, 20105-20111.	10.3	194
44	Multifunctional perovskite capping layers in hybrid solar cells. Journal of Materials Chemistry A, 2014, 2, 14973.	10.3	57
45	Montmorillonite as bifunctional buffer layer material for hybrid perovskite solar cells with protection from corrosion and retarding recombination. Journal of Materials Chemistry A, 2014, 2, 13587-13592.	10.3	277