

Wenfei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

516
citations

932766

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17
all docs

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docs citations

17
times ranked

441
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable aptamer-field-effect transistor sensing system for noninvasive cortisol monitoring. <i>Science Advances</i> , 2022, 8, eabk0967.	4.7	118
2	Implantable aptamer-field-effect transistor neuroprobes for in vivo neurotransmitter monitoring. <i>Science Advances</i> , 2021, 7, eabj7422.	4.7	68
3	Engineering DNA on the Surface of Upconversion Nanoparticles for Bioanalysis and Therapeutics. <i>ACS Nano</i> , 2021, 15, 17257-17274.	7.3	39
4	3D hierarchically gold-nanoparticle-decorated porous carbon for high-performance supercapacitors. <i>Scientific Reports</i> , 2019, 9, 17065.	1.6	38
5	Dual Supramolecular Nanoparticle Vectors Enable CRISPR/Cas9-Mediated Knockin of Retinoschisin 1 Gene—A Potential Nonviral Therapeutic Solution for X-Linked Juvenile Retinoschisis. <i>Advanced Science</i> , 2020, 7, 1903432.	5.6	38
6	Single-Step Dual-Layer Photolithography for Tunable and Scalable Nanopatterning. <i>ACS Nano</i> , 2021, 15, 12180-12188.	7.3	37
7	Narrower Nanoribbon Biosensors Fabricated by Chemical Lift-off Lithography Show Higher Sensitivity. <i>ACS Nano</i> , 2021, 15, 904-915.	7.3	33
8	Large-Area, Ultrathin Metal-Oxide Semiconductor Nanoribbon Arrays Fabricated by Chemical Lift-Off Lithography. <i>Nano Letters</i> , 2018, 18, 5590-5595.	4.5	27
9	Supramolecular nanosubstrate-mediated delivery system enables CRISPR-Cas9 knockin of hemoglobin beta gene for hemoglobinopathies. <i>Science Advances</i> , 2020, 6, .	4.7	25
10	Large-Area Periodic Organic-Inorganic Hybrid Perovskite Nanopyramid Arrays for High-Performance Photodetector and Image Sensor Applications. , 2021, 3, 1189-1196.		23
11	Scalable Fabrication of Quasi-One-Dimensional Gold Nanoribbons for Plasmonic Sensing. <i>Nano Letters</i> , 2020, 20, 1747-1754.	4.5	19
12	Photothermal Intracellular Delivery Using Gold Nanodisk Arrays. , 2020, 2, 1475-1483.		15
13	Discovery and characterization of circulating tumor cell clusters in neuroendocrine tumor patients using nanosubstrate-embedded microchips. <i>Biosensors and Bioelectronics</i> , 2022, 199, 113854.	5.3	10
14	Efficient Removal of Cr(VI) by TiO ₂ Based Micro-Nano Reactor via the Synergy of Adsorption and Photocatalysis. <i>Nanomaterials</i> , 2022, 12, 291.	1.9	9
15	Supramolecular Nanosubstrate-Mediated Delivery for CRISPR/Cas9 Gene Disruption and Deletion. <i>Small</i> , 2021, 17, 2100546.	5.2	8
16	Chemically Dual-Modified Biochar for the Effective Removal of Cr(VI) in Solution. <i>Polymers</i> , 2022, 14, 39.	2.0	7
17	Gene Therapy: Dual Supramolecular Nanoparticle Vectors Enable CRISPR/Cas9-Mediated Knockin of Retinoschisin 1 Gene—A Potential Nonviral Therapeutic Solution for X-Linked Juvenile Retinoschisis (<i>Adv. Sci.</i> 10/2020). <i>Advanced Science</i> , 2020, 7, 2070054.	5.6	2