

Yanfeng Gao

List of Publications by Year in descending order

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papers

486
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759233

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#	ARTICLE	IF	CITATIONS
1	Hypoxia-Responsive Gene Editing to Reduce Tumor Thermal Tolerance for Mild Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21200-21204.	13.8	84
2	Gold nanoparticles doped metal-organic frameworks as near-infrared light-enhanced cascade nanozyme against hypoxic tumors. <i>Nano Research</i> , 2020, 13, 653-660.	10.4	59
3	Gallium-Carbenicillin Framework Coated Defect-Rich Hollow TiO ₂ as a Photocatalyzed Oxidative Stress Amplifier against Complex Infections. <i>Advanced Functional Materials</i> , 2020, 30, 2004861.	14.9	50
4	Nano-immunosorbent assay based on Cas12a/crRNA for ultra-sensitive protein detection. <i>Biosensors and Bioelectronics</i> , 2021, 190, 113450.	10.1	43
5	Self-ordered particle trains in inertial microchannel flows. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	35
6	Hollow covalent organic framework-sheltering CRISPR/Cas12a as an in-vivo nanosensor for ATP imaging. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114239.	10.1	28
7	Magnetic Colloid Antibodies Accelerate Small Extracellular Vesicles Isolation for Point-of-Care Diagnostics. <i>Nano Letters</i> , 2021, 21, 2001-2009.	9.1	26
8	Mesopore to Macropore Transformation of Metal-Organic Framework for Drug Delivery in Inflammatory Bowel Disease. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000973.	7.6	26
9	Inertial lateral migration and self-assembly of particles in bidisperse suspensions in microchannel flows. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	2.2	25
10	Cerium metal organic framework mediated molecular threading for point-of-care colorimetric assays. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112406.	10.1	24
11	Recent near-infrared light-activated nanomedicine toward precision cancer therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7076-7099.	5.8	21
12	Nanomaterial-assisted microfluidics for multiplex assays. <i>Mikrochimica Acta</i> , 2022, 189, 139.	5.0	16
13	Chylomicrons-Simulating Sustained Drug Release in Mesenteric Lymphatics for the Treatment of Crohn's-Like Colitis. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 631-646.	1.3	11
14	Hypoxia-Responsive Gene Editing to Reduce Tumor Thermal Tolerance for Mild Photothermal Therapy. <i>Angewandte Chemie</i> , 2021, 133, 21370-21374.	2.0	10
15	Inertial Migration of Neutrally Buoyant Spherical Particles in Square Channels at Moderate and High Reynolds Numbers. <i>Micromachines</i> , 2021, 12, 198.	2.9	9
16	Hypoxia-Responsive Platinum Supernanoparticles for Urinary Microfluidic Monitoring of Tumors. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
17	Aptazyme-induced cascade amplification integrated with a volumetric bar-chart chip for highly sensitive detection of aflatoxin B1 and adenosine triphosphate. <i>Analyst</i> , 2022, 147, 2500-2507.	3.5	7
18	Hypoxia-Responsive Platinum Supernanoparticles for Urinary Microfluidic Monitoring of Tumors. <i>Angewandte Chemie</i> , 0, , .	2.0	4