

Chang-Feng Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4751916/publications.pdf>

Version: 2024-02-01

27
papers

4,017
citations

430874

18
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

5981
citing authors

#	ARTICLE	IF	CITATIONS
1	A Graphene Nanoprobe for Rapid, Sensitive, and Multicolor Fluorescent DNA Analysis. <i>Advanced Functional Materials</i> , 2010, 20, 453-459.	14.9	1,310
2	Single-Layer MoS ₂ -Based Nanoprobes for Homogeneous Detection of Biomolecules. <i>Journal of the American Chemical Society</i> , 2013, 135, 5998-6001.	13.7	995
3	Self-Catalyzed, Self-Limiting Growth of Glucose Oxidase-Mimicking Gold Nanoparticles. <i>ACS Nano</i> , 2010, 4, 7451-7458.	14.6	534
4	Single-Layer Transition Metal Dichalcogenide Nanosheet-Based Nanosensors for Rapid, Sensitive, and Multiplexed Detection of DNA. <i>Advanced Materials</i> , 2015, 27, 935-939.	21.0	322
5	Design of a gold nanoprobe for rapid and portable mercury detection with the naked eye. <i>Chemical Communications</i> , 2008, , 4885.	4.1	143
6	DNA-Templated Silver Nanoclusters for Multiplexed Fluorescent DNA Detection. <i>Small</i> , 2015, 11, 1385-1389.	10.0	106
7	Affinity-Modulated Molecular Beacons on MoS ₂ Nanosheets for MicroRNA Detection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35794-35800.	8.0	87
8	MoS ₂ Nanoprobe for MicroRNA Quantification Based on Duplex-Specific Nuclease Signal Amplification. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7852-7858.	8.0	81
9	Inhibition of the In Vitro Replication of DNA by an Aptamer-Protein Complex in an Autonomous DNA Machine. <i>Chemistry - A European Journal</i> , 2009, 15, 11898-11903.	3.3	68
10	Logic Catalytic Interconversion of G-Molecular Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4512-4518.	8.0	47
11	MoS ₂ -Au@Pt nanohybrids as a sensing platform for electrochemical nonenzymatic glucose detection. <i>New Journal of Chemistry</i> , 2018, 42, 6750-6755.	2.8	40
12	Double-activation of mitochondrial permeability transition pore opening via calcium overload and reactive oxygen species for cancer therapy. <i>Journal of Nanobiotechnology</i> , 2022, 20, 188.	9.1	35
13	Sorafenib-Conjugated Zinc Phthalocyanine Based Nanocapsule for Trimodal Therapy in an Orthotopic Hepatocellular Carcinoma Xenograft Mouse Model. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17193-17206.	8.0	34
14	Label-Free Analysis of H5N1 Virus Based on Three-Segment Branched DNA-Templated Fluorescent Silver Nanoclusters. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48357-48362.	8.0	33
15	Hybridization chain reaction amplification for highly sensitive fluorescence detection of DNA with dextran coated microarrays. <i>Biosensors and Bioelectronics</i> , 2016, 81, 92-96.	10.1	29
16	A methylation-stimulated DNA machine: an autonomous isothermal route to methyltransferase activity and inhibition analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 3459-3464.	3.7	28
17	Amplified detection of femtomolar DNA based on a one-to-few recognition reaction between DNA-Au conjugate and target DNA. <i>Nanoscale</i> , 2014, 6, 3110.	5.6	23
18	Fluorometric determination of HIV DNA using molybdenum disulfide nanosheets and exonuclease III-assisted amplification. <i>Mikrochimica Acta</i> , 2019, 186, 286.	5.0	22

#	ARTICLE	IF	CITATIONS
19	Perovskite Mediated Vibronic Coupling of Semiconducting SERS for Biosensing. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	15
20	Solvothermal-Induced Conversion of One-Dimensional Multilayer Nanotubes to Two-Dimensional Hydrophilic VO ₂ Nanosheets: Synthesis and Water Treatment Application. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10389-10394.	8.0	14
21	Bismuth-Based Mesoporous Nanoball Carrying Sorafenib for Computed Tomography Imaging and Synergetic Chemoradiotherapy of Hepatocellular Carcinoma. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000650.	7.6	14
22	A Gold Nanoparticle-Based Microfluidic Protein Chip for Tumor Markers. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 1194-1197.	0.9	11
23	Improved Antiviral Activity of Classical Swine Fever Virus-Targeted siRNA by Tetrahedral Framework Nucleic Acid-Enhanced Delivery. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29416-29423.	8.0	9
24	Real Time in Vitro Regulation of DNA Methylation Using a 5-Fluorouracil Conjugated DNA-Based Stimuli-Responsive Platform. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2604-2609.	8.0	7
25	Tetrahedral Framework Nucleic Acid Delivered RNA Therapeutics Significantly Attenuate Pancreatic Cancer Progression via Inhibition of CTR1-Dependent Copper Absorption. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 46334-46342.	8.0	7
26	Development of pattern recognition based on nanosheet-based DNA probes and an extendable DNA library. <i>Analyst</i> , 2021, 146, 4803-4810.	3.5	2
27	Sensors: DNA-Templated Silver Nanoclusters for Multiplexed Fluorescent DNA Detection (Small) Tj ETQq1 1 0.784314 rgBT /Qverlock 10.08 BT	10.08	1