

# Chang-Feng Zhu

## List of Publications by Year in descending order

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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	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
2	Perovskite Mediated Vibronic Coupling of Semiconducting SERS for Biosensing. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	15
3	Improved Antiviral Activity of Classical Swine Fever Virus-Targeted siRNA by Tetrahedral Framework Nucleic Acid-Enhanced Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 29416-29423.	8.0	9
4	Tetrahedral Framework Nucleic Acid Delivered RNA Therapeutics Significantly Attenuate Pancreatic Cancer Progression via Inhibition of CTR1-Dependent Copper Absorption. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 46334-46342.	8.0	7
5	Development of pattern recognition based on nanosheetâ€œDNA probes and an extendable DNA library. <i>Analyst</i> , The, 2021, 146, 4803-4810.	3.5	2
6	Label-Free Analysis of H5N1 Virus Based on Three-Segment Branched DNA-Templated Fluorescent Silver Nanoclusters. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 48357-48362.	8.0	33
7	Bismuthâ€œBased 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
8	Sorafenib-Conjugated Zinc Phthalocyanine Based Nanocapsule for Trimodal Therapy in an Orthotopic Hepatocellular Carcinoma Xenograft Mouse Model. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 17193-17206.	8.0	34
9	Fluorometric determination of HIV DNA using molybdenum disulfide nanosheets and exonuclease III-assisted amplification. <i>Mikrochimica Acta</i> , 2019, 186, 286.	5.0	22
10	MoS <sub>2</sub> Nanoprobe for MicroRNA Quantification Based on Duplex-Specific Nuclease Signal Amplification. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 7852-7858.	8.0	81
11	Logic Catalytic Interconversion of G-Molecular Hydrogel. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4512-4518.	8.0	47
12	MoS <sub>2</sub> â€œAu@Pt nanohybrids as a sensing platform for electrochemical nonenzymatic glucose detection. <i>New Journal of Chemistry</i> , 2018, 42, 6750-6755.	2.8	40
13	Affinity-Modulated Molecular Beacons on MoS <sub>2</sub> Nanosheets for MicroRNA Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 35794-35800.	8.0	87
14	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
15	Sensors: DNA-Templated Silver Nanoclusters for Multiplexed Fluorescent DNA Detection (Small) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	10.0	106
16	DNAâ€œTemplated Silver Nanoclusters for Multiplexed Fluorescent DNA Detection. <i>Small</i> , 2015, 11, 1385-1389.	10.0	106
17	Singleâ€œLayer Transition Metal Dichalcogenide Nanosheetâ€œBased Nanosensors for Rapid, Sensitive, and Multiplexed Detection of DNA. <i>Advanced Materials</i> , 2015, 27, 935-939.	21.0	322
18	Amplified detection of femtomolar DNA based on a one-to-few recognition reaction between DNAâ€œAu conjugate and target DNA. <i>Nanoscale</i> , 2014, 6, 3110.	5.6	23

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19	Solvothermal-Induced Conversion of One-Dimensional Multilayer Nanotubes to Two-Dimensional Hydrophilic VO <sub>2</sub> Nanosheets: Synthesis and Water Treatment Application. ACS Applied Materials & Interfaces, 2013, 5, 10389-10394.	8.0	14
20	Single-Layer MoS <sub>2</sub> -Based Nanoprobes for Homogeneous Detection of Biomolecules. Journal of the American Chemical Society, 2013, 135, 5998-6001.	13.7	995
21	Real Time in Vitro Regulation of DNA Methylation Using a 5-Fluorouracil Conjugated DNA-Based Stimuli-Responsive Platform. ACS Applied Materials & Interfaces, 2013, 5, 2604-2609.	8.0	7
22	A methylation-stimulated DNA machine: an autonomous isothermal route to methyltransferase activity and inhibition analysis. Analytical and Bioanalytical Chemistry, 2011, 399, 3459-3464.	3.7	28
23	A Graphene Nanoprobe for Rapid, Sensitive, and Multicolor Fluorescent DNA Analysis. Advanced Functional Materials, 2010, 20, 453-459.	14.9	1,310
24	Self-Catalyzed, Self-Limiting Growth of Glucose Oxidase-Mimicking Gold Nanoparticles. ACS Nano, 2010, 4, 7451-7458.	14.6	534
25	A Gold Nanoparticle-Based Microfluidic Protein Chip for Tumor Markers. Journal of Nanoscience and Nanotechnology, 2009, 9, 1194-1197.	0.9	11
26	Inhibition of the In Vitro Replication of DNA by an Aptamer-Protein Complex in an Autonomous DNA Machine. Chemistry - A European Journal, 2009, 15, 11898-11903.	3.3	68
27	Design of a gold nanoprobe for rapid and portable mercury detection with the naked eye. Chemical Communications, 2008, , 4885.	4.1	143