

Fan Li

List of Publications by Year in descending order

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73
papers

4,411
citations

159585
30
h-index

106344
65
g-index

77
all docs

77
docs citations

77
times ranked

6416
citing authors

#	ARTICLE	IF	CITATIONS
1	Programmable DNA Hydrogels as Artificial Extracellular Matrix. <i>Small</i> , 2022, 18, e2107640.	10.0	41
2	FGF19 Is Coamplified With CCND1 to Promote Proliferation in Lung Squamous Cell Carcinoma and Their Combined Inhibition Shows Improved Efficacy. <i>Frontiers in Oncology</i> , 2022, 12, 846744.	2.8	3
3	Engineering nucleic acid functional probes in neuroimaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 154, 116651.	11.4	2
4	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	8.2	88
5	DNA nanotechnology-empowered nanoscopic imaging of biomolecules. <i>Chemical Society Reviews</i> , 2021, 50, 5650-5667.	38.1	73
6	Programming folding cooperativity of the dimeric i-motif with DNA frameworks for sensing small pH variations. <i>Chemical Communications</i> , 2021, 57, 3247-3250.	4.1	9
7	Targeted inhibition of SIRT6 via engineered exosomes impairs tumorigenesis and metastasis in prostate cancer. <i>Theranostics</i> , 2021, 11, 6526-6541.	10.0	60
8	Electrochemical Analysis for Multiscale Single Entities on the Confined Interface^{â€‹}. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1745-1752.	4.9	9
9	DNA Framework-based Topological Aptamer for Differentiating Subtypes of Hepatocellular Carcinoma Cells. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 919-924.	2.6	4
10	Nucleic Acid Tests for Clinical Translation. <i>Chemical Reviews</i> , 2021, 121, 10469-10558.	47.7	109
11	Reconstructing Somaâ€‹Soma Synapse-like Vesicular Exocytosis with DNA Origami. <i>ACS Central Science</i> , 2021, 7, 1400-1407.	11.3	14
12	Programming cell entry of molecules via reversible synthetic DNA circuits on cell membrane. <i>Fundamental Research</i> , 2021, 1, 747-751.	3.3	3
13	DNA Framework-Programmed Micronano Hierarchy Sensor Interface for Metabolite Analysis in Whole Blood. <i>ACS Applied Bio Materials</i> , 2020, 3, 53-58.	4.6	3
14	Nanoparticleâ€‹Assisted Alignment of Carbon Nanotubes on DNA Origami. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4892-4896.	13.8	33
15	Ultrafast DNA Sensors with DNA Framework-Bridged Hybridization Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 9975-9981.	13.7	54
16	Programming Biomimetically Confined Aptamers with DNA Frameworks. <i>ACS Nano</i> , 2020, 14, 8776-8783.	14.6	26
17	Nucleic Acid Nanoprobes for Biosensor Development in Complex Matrices. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 185-193.	2.6	3
18	DNA Frameworkâ€‹Based Topological Cell Sorters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10406-10410.	13.8	38

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19	DNA Framework-Based Topological Cell Sorters. <i>Angewandte Chemie</i> , 2020, 132, 10492-10496.	2.0	3
20	Enhanced autocrine FGF19/FGFR4 signaling drives the progression of lung squamous cell carcinoma, which responds to mTOR inhibitor AZD2104. <i>Oncogene</i> , 2020, 39, 3507-3521.	5.9	23
21	Functional Magnetic Graphene Composites for Biosensing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 390.	4.1	28
22	Deformation-Resistant, Double-Layer DNA Self-Assembled Nanoraft with High Positioning Precision. <i>ACS Applied Bio Materials</i> , 2020, 3, 2610-2616.	4.6	1
23	Nanoparticle-Assisted Alignment of Carbon Nanotubes on DNA Origami. <i>Angewandte Chemie</i> , 2020, 132, 4922-4926.	2.0	7
24	DNA framework-engineered electrochemical biosensors. <i>Science China Life Sciences</i> , 2020, 63, 1130-1141.	4.9	19
25	Salinomycin exerts anti-colorectal cancer activity by targeting the β -catenin/T-cell factor complex. <i>British Journal of Pharmacology</i> , 2019, 176, 3390-3406.	5.4	30
26	Encoding Carbon Nanotubes with Tubular Nucleic Acids for Information Storage. <i>Journal of the American Chemical Society</i> , 2019, 141, 17861-17866.	13.7	36
27	β -Klotho is identified as a target for theranostics in non-small cell lung cancer. <i>Theranostics</i> , 2019, 9, 7474-7489.	10.0	11
28	DNA Framework-Programmed Cell Capture via Topology-Engineered Receptor-Ligand Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 18910-18915.	13.7	122
29	Degradable silver-based nanoplatform for synergistic cancer starving-like/metal ion therapy. <i>Materials Horizons</i> , 2019, 6, 169-175.	12.2	106
30	Gold nanoflower-based surface-enhanced Raman probes for pH mapping of tumor cell microenvironment. <i>Cell Proliferation</i> , 2019, 52, e12618.	5.3	13
31	Stepping gating of ion channels on nanoelectrode via DNA hybridization for label-free DNA detection. <i>Biosensors and Bioelectronics</i> , 2019, 133, 141-146.	10.1	8
32	A near-infrared turn-on probe for in vivo chemoselective photoacoustic detection of fluoride ion. <i>Dyes and Pigments</i> , 2019, 165, 408-414.	3.7	19
33	Cover Image, Volume 52, Issue 4. <i>Cell Proliferation</i> , 2019, 52, e12671.	5.3	0
34	Programming Accessibility of DNA Monolayers for Degradation-Free Whole-Blood Biosensors. , 2019, 1, 671-676.		21
35	DNA-Based Chemical Reaction Networks. <i>ChemBioChem</i> , 2019, 20, 1105-1114.	2.6	10
36	Effects of ultrasound pulse parameters on cavitation properties of flowing microbubbles under physiologically relevant conditions. <i>Ultrasonics Sonochemistry</i> , 2019, 52, 512-521.	8.2	38

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37	In Vivo Chemoselective Photoacoustic Imaging of Copper(II) in Plant and Animal Subjects. <i>Small</i> , 2019, 15, e1803866.	10.0	40
38	Insight into multifunctional polyester fabrics finished by one-step eco-friendly strategy. <i>Chemical Engineering Journal</i> , 2019, 358, 634-642.	12.7	75
39	Light-Responsive Biodegradable Nanorattles for Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, 1706150.	21.0	120
40	New Insights in the Actin Cytoskeleton Dynamics of the Sonoporated Human Umbilical Vein Endothelial Cells. , 2018, , .		1
41	Affinity-Modulated Molecular Beacons on MoS ₂ Nanosheets for MicroRNA Detection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35794-35800.	8.0	87
42	In Vivo Photoacoustic Detection and Imaging of Peroxynitrite. <i>Analytical Chemistry</i> , 2018, 90, 9381-9385.	6.5	30
43	Graphene as 2D Nano-Therapeutic Materials for Cancer. , 2018, , 97-124.		2
44	Aggregation induced photoacoustic detection of mercury (II) ions using quaternary ammonium group-capped gold nanorods. <i>Talanta</i> , 2018, 187, 65-72.	5.5	21
45	Framework Nucleic Acid-Mediated Pull-Down MicroRNA Detection with Hybridization Chain Reaction Amplification. <i>ACS Applied Bio Materials</i> , 2018, 1, 859-864.	4.6	28
46	Graphene Nanoprobes for Real-Time Monitoring of Isothermal Nucleic Acid Amplification. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15245-15253.	8.0	23
47	Biocompatibility and fabrication of RGO/chitosan film for cartilage tissue recovery. <i>Environmental Toxicology and Pharmacology</i> , 2017, 54, 199-203.	4.0	12
48	An Algorithm of Image Heterogeneity with Contrast-Enhanced Ultrasound in Differential Diagnosis of Solid Thyroid Nodules. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 104-110.	1.5	15
49	In Vitro Selection of DNA Aptamers that Binds Geniposide. <i>Molecules</i> , 2017, 22, 383.	3.8	9
50	The uptake behavior of DNA six-helix nanostructure with different mammalian cell lines. <i>Scientia Sinica Chimica</i> , 2017, 47, 109-115.	0.4	1
51	FGFR1 promotes the stem cell-like phenotype of FGFR1-amplified non-small cell lung cancer cells through the Hedgehog pathway. <i>Oncotarget</i> , 2016, 7, 15118-15134.	1.8	42
52	Synthesis of fluorinated block copolymer electrolyte containing quaternary ammonium base. <i>Journal of Materials Science</i> , 2016, 51, 5834-5842.	3.7	6
53	Acoustic Radiation Force Impulse Technology in the Differential Diagnosis of Solid Breast Masses with Different Sizes: Which Features Are Most Efficient?. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	9
54	Graphene Oxide-Assisted Nucleic Acids Assays Using Conjugated Polyelectrolytes-Based Fluorescent Signal Transduction. <i>Analytical Chemistry</i> , 2015, 87, 3877-3883.	6.5	48

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55	Comparative Diagnostic Performance of Contrast-Enhanced ultrasound versus Baseline Ultrasound for Renal Pelvis Lesions. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 3109-3119.	1.5	9
56	The Evaluation of General Practitioners'™ Awareness/Knowledge and Adherence to the GOLD Guidelines in a Shanghai Suburb. <i>Asia-Pacific Journal of Public Health</i> , 2015, 27, NP2067-NP2078.	1.0	11
57	Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13174-13179.	8.0	37
58	Long non-coding RNA HOTTIP is up-regulated and associated with poor prognosis in patients with osteosarcoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 11414-20.	0.5	57
59	Self-Assembly of Poly(Adenine)-Tailed CpG Oligonucleotide-Gold Nanoparticle Nanoconjugates with Immunostimulatory Activity. <i>Small</i> , 2014, 10, 368-375.	10.0	92
60	The dual effect of ultrasound-targeted microbubble destruction in mediating recombinant adeno-associated virus delivery in renal cell carcinoma: transfection enhancement and tumor inhibition. <i>Journal of Gene Medicine</i> , 2014, 16, 28-39.	2.8	15
61	Gold nanostructures encoded by non-fluorescent small molecules in polyA-mediated nanogaps as universal SERS nanotags for recognizing various bioactive molecules. <i>Chemical Science</i> , 2014, 5, 4460-4466.	7.4	118
62	A Graphene Oxide-Based Fluorescent Biosensor for the Analysis of Peptide-Receptor Interactions and Imaging in Somatostatin Receptor Subtype 2 Overexpressed Tumor Cells. <i>Analytical Chemistry</i> , 2013, 85, 7732-7737.	6.5	71
63	Nanoplasmonic Imaging of Latent Fingerprints and Identification of Cocaine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11542-11545.	13.8	150
64	A graphene-based platform for fluorescent detection of SNPs. <i>Analyst</i> , The, 2013, 138, 2678.	3.5	30
65	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
66	Nanomaterial-Based Fluorescent DNA Analysis: A Comparative Study of the Quenching Effects of Graphene Oxide, Carbon Nanotubes, and Gold Nanoparticles. <i>Advanced Functional Materials</i> , 2013, 23, 4140-4148.	14.9	172
67	Highly sensitive and selective detection of silver(i) in aqueous solution with silver(i)-specific DNA and Sybr green I. <i>Analyst</i> , The, 2013, 138, 2057.	3.5	26
68	Designed Diblock Oligonucleotide for the Synthesis of Spatially Isolated and Highly Hybridizable Functionalization of DNA-Gold Nanoparticle Nanoconjugates. <i>Journal of the American Chemical Society</i> , 2012, 134, 11876-11879.	13.7	452
69	A graphene oxide-based nano-beacon for DNA phosphorylation analysis. <i>Chemical Communications</i> , 2011, 47, 1201-1203.	4.1	101
70	Subtrochanteric Fracture Treatment: A Retrospective Study of 46 Patients. <i>Medical Principles and Practice</i> , 2011, 20, 519-524.	2.4	10
71	A graphene-enhanced molecular beacon for homogeneous DNA detection. <i>Nanoscale</i> , 2010, 2, 1021.	5.6	219
72	Ultrasound-targeted microbubble destruction enhances AAV mediated gene transfection: human RPE cells in vitro and the rat retina in vivo. <i>Nature Precedings</i> , 2009, , .	0.1	0

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73	Adenosine detection by using gold nanoparticles and designed aptamer sequences. Analyst, The, 2009, 134, 1355.	3.5	157