

Fan Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1716537/publications.pdf>

Version: 2024-02-01

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 | 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 |
| 2 | 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 |
| 3 | A graphene-enhanced molecular beacon for homogeneous DNA detection. <i>Nanoscale</i> , 2010, 2, 1021. | 5.6 | 219 |
| 4 | 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 |
| 5 | Adenosine detection by using gold nanoparticles and designed aptamer sequences. <i>Analyst</i> , 2009, 134, 1355. | 3.5 | 157 |
| 6 | Nanoplasmonic Imaging of Latent Fingerprints and Identification of Cocaine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11542-11545. | 13.8 | 150 |
| 7 | 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 |
| 8 | Light-Responsive Biodegradable Nanorattles for Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, 1706150. | 21.0 | 120 |
| 9 | 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 |
| 10 | Nucleic Acid Tests for Clinical Translation. <i>Chemical Reviews</i> , 2021, 121, 10469-10558. | 47.7 | 109 |
| 11 | Degradable silver-based nanoplatform for synergistic cancer starving-like/metal ion therapy. <i>Materials Horizons</i> , 2019, 6, 169-175. | 12.2 | 106 |
| 12 | A graphene oxide-based nano-beacon for DNA phosphorylation analysis. <i>Chemical Communications</i> , 2011, 47, 1201-1203. | 4.1 | 101 |
| 13 | Self-Assembly of Poly(Adenine)-Tailed CpG Oligonucleotide-Gold Nanoparticle Nanoconjugates with Immunostimulatory Activity. <i>Small</i> , 2014, 10, 368-375. | 10.0 | 92 |
| 14 | Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203. | 8.2 | 88 |
| 15 | Affinity-Modulated Molecular Beacons on MoS ₂ Nanosheets for MicroRNA Detection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35794-35800. | 8.0 | 87 |
| 16 | Insight into multifunctional polyester fabrics finished by one-step eco-friendly strategy. <i>Chemical Engineering Journal</i> , 2019, 358, 634-642. | 12.7 | 75 |
| 17 | DNA nanotechnology-empowered nanoscopic imaging of biomolecules. <i>Chemical Society Reviews</i> , 2021, 50, 5650-5667. | 38.1 | 73 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Targeted inhibition of SIRT6 via engineered exosomes impairs tumorigenesis and metastasis in prostate cancer. <i>Theranostics</i> , 2021, 11, 6526-6541. | 10.0 | 60 |
| 20 | 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 |
| 21 | Ultrafast DNA Sensors with DNA Framework-Bridged Hybridization Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 9975-9981. | 13.7 | 54 |
| 22 | Graphene Oxide-Assisted Nucleic Acids Assays Using Conjugated Polyelectrolytes-Based Fluorescent Signal Transduction. <i>Analytical Chemistry</i> , 2015, 87, 3877-3883. | 6.5 | 48 |
| 23 | 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 |
| 24 | Programmable DNA Hydrogels as Artificial Extracellular Matrix. <i>Small</i> , 2022, 18, e2107640. | 10.0 | 41 |
| 25 | In Vivo Chemoselective Photoacoustic Imaging of Copper(II) in Plant and Animal Subjects. <i>Small</i> , 2019, 15, e1803866. | 10.0 | 40 |
| 26 | 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 |
| 27 | DNA Framework-Based Topological Cell Sorters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10406-10410. | 13.8 | 38 |
| 28 | Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13174-13179. | 8.0 | 37 |
| 29 | 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 |
| 30 | Nanoparticle-Assisted Alignment of Carbon Nanotubes on DNA Origami. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4892-4896. | 13.8 | 33 |
| 31 | A graphene-based platform for fluorescent detection of SNPs. <i>Analyst</i> , The, 2013, 138, 2678. | 3.5 | 30 |
| 32 | In Vivo Photoacoustic Detection and Imaging of Peroxynitrite. <i>Analytical Chemistry</i> , 2018, 90, 9381-9385. | 6.5 | 30 |
| 33 | 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 |
| 34 | 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 |
| 35 | Functional Magnetic Graphene Composites for Biosensing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 390. | 4.1 | 28 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Programming Biomimetically Confined Aptamers with DNA Frameworks. <i>ACS Nano</i> , 2020, 14, 8776-8783. | 14.6 | 26 |
| 38 | Graphene Nanoprobes for Real-Time Monitoring of Isothermal Nucleic Acid Amplification. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15245-15253. | 8.0 | 23 |
| 39 | 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 |
| 40 | Aggregation induced photoacoustic detection of mercury (â€¦) ions using quaternary ammonium group-capped gold nanorods. <i>Talanta</i> , 2018, 187, 65-72. | 5.5 | 21 |
| 41 | Programming Accessibility of DNA Monolayers for Degradation-Free Whole-Blood Biosensors. , 2019, 1, 671-676. | | 21 |
| 42 | 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 |
| 43 | DNA framework-engineered electrochemical biosensors. <i>Science China Life Sciences</i> , 2020, 63, 1130-1141. | 4.9 | 19 |
| 44 | The dual effect of ultrasoundâ€targeted microbubble destruction in mediating recombinant adenoâ€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 |
| 45 | 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 |
| 46 | Reconstructing Somaâ€Soma Synapse-like Vesicular Exocytosis with DNA Origami. <i>ACS Central Science</i> , 2021, 7, 1400-1407. | 11.3 | 14 |
| 47 | Gold nanoflowerâ€based surfaceâ€enhanced Raman probes for pH mapping of tumor cell microenviroment. <i>Cell Proliferation</i> , 2019, 52, e12618. | 5.3 | 13 |
| 48 | Biocompatibility and fabrication of RGO/chitosan film for cartilage tissue recovery. <i>Environmental Toxicology and Pharmacology</i> , 2017, 54, 199-203. | 4.0 | 12 |
| 49 | The Evaluation of General Practitionersâ€™ 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 |
| 50 | Î²Klotho is identified as a target for theranostics in non-small cell lung cancer. <i>Theranostics</i> , 2019, 9, 7474-7489. | 10.0 | 11 |
| 51 | Subtrochanteric Fracture Treatment: A Retrospective Study of 46 Patients. <i>Medical Principles and Practice</i> , 2011, 20, 519-524. | 2.4 | 10 |
| 52 | DNAâ€Based Chemical Reaction Networks. <i>ChemBioChem</i> , 2019, 20, 1105-1114. | 2.6 | 10 |
| 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 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | In Vitro Selection of DNA Aptamers that Binds Geniposide. <i>Molecules</i> , 2017, 22, 383. | 3.8 | 9 |
| 56 | 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 |
| 57 | Electrochemical Analysis for Multiscale Single Entities on the Confined Interface. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1745-1752. | 4.9 | 9 |
| 58 | 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 |
| 59 | Nanoparticle-Assisted Alignment of Carbon Nanotubes on DNA Origami. <i>Angewandte Chemie</i> , 2020, 132, 4922-4926. | 2.0 | 7 |
| 60 | Synthesis of fluorinated block copolymer electrolyte containing quaternary ammonium base. <i>Journal of Materials Science</i> , 2016, 51, 5834-5842. | 3.7 | 6 |
| 61 | 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 |
| 62 | 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 |
| 63 | Nucleic Acid Nanoprobes for Biosensor Development in Complex Matrices. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 185-193. | 2.6 | 3 |
| 64 | DNA Framework-Based Topological Cell Sorters. <i>Angewandte Chemie</i> , 2020, 132, 10492-10496. | 2.0 | 3 |
| 65 | Programming cell entry of molecules via reversible synthetic DNA circuits on cell membrane. <i>Fundamental Research</i> , 2021, 1, 747-751. | 3.3 | 3 |
| 66 | 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 |
| 67 | Graphene as 2D Nano-Theranostic Materials for Cancer. , 2018, , 97-124. | | 2 |
| 68 | Engineering nucleic acid functional probes in neuroimaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 154, 116651. | 11.4 | 2 |
| 69 | New Insights in the Actin Cytoskeleton Dynamics of the Sonoporated Human Umbilical Vein Endothelial Cells. , 2018, , . | | 1 |
| 70 | 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 |
| 71 | 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 |
| 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Cover Image, Volume 52, Issue 4. Cell Proliferation, 2019, 52, e12671. | 5.3 | 0 |