

Fang Pu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

3,932
citations

33
h-index

62
g-index

75
ext. papers

4,308
ext. citations

9.2
avg, IF

5.56
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 72 | Recent progress in sensor arrays using nucleic acid as sensing elements. <i>Coordination Chemistry Reviews</i> , 2022 , 456, 214379 | 23.2 | 2 |
| 71 | MicroRNA-Triggered Nanozymes Cascade Reaction for Tumor-Specific Chemodynamic Therapy. <i>Chemistry - A European Journal</i> , 2021 , | 4.8 | 1 |
| 70 | Nucleic acid-driven aggregation-induced emission of Au nanoclusters for visualizing telomerase activity in living cells and in vivo. <i>Materials Horizons</i> , 2021 , 8, 1769-1775 | 14.4 | 7 |
| 69 | Modular AND Gate-Controlled Delivery Platform for Tumor Microenvironment Specific Activation of Protein Activity. <i>Chemistry - A European Journal</i> , 2020 , 26, 7573-7577 | 4.8 | 0 |
| 68 | Hydrogel-based artificial enzyme for combating bacteria and accelerating wound healing. <i>Nano Research</i> , 2020 , 13, 496-502 | 10 | 27 |
| 67 | A DNA/metal cluster-based nano-lantern as an intelligent theranostic device. <i>Chemical Communications</i> , 2020 , 56, 5295-5298 | 5.8 | 4 |
| 66 | Regulation of light-harvesting antenna based on silver ion-enhanced emission of dye-doped coordination polymer nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2020 , 578, 254-261 | 9.3 | 3 |
| 65 | Recent advances in the construction of nanozyme-based logic gates. <i>Biophysics Reports</i> , 2020 , 6, 245-255 | 3.5 | 1 |
| 64 | Fe(III)-Oxidized Graphitic Carbon Nitride Nanosheets as a Sensitive Fluorescent Sensor for Detection and Imaging of Fluoride Ions. <i>Sensors and Actuators B: Chemical</i> , 2020 , 321, 128630 | 8.5 | 6 |
| 63 | Primer-Modified G-Quadruplex-Au Nanoparticles for Colorimetric Assay of Human Telomerase Activity and Initial Screening of Telomerase Inhibitors. <i>Methods in Molecular Biology</i> , 2019 , 2035, 347-356 | 1.4 | 0 |
| 62 | DNA-MnO nanosheets as washing- and label-free platform for array-based differentiation of cell types. <i>Analytica Chimica Acta</i> , 2019 , 1056, 1-6 | 6.6 | 9 |
| 61 | Constructing metal-organic framework nanodots as bio-inspired artificial superoxide dismutase for alleviating endotoxemia. <i>Materials Horizons</i> , 2019 , 6, 1682-1687 | 14.4 | 37 |
| 60 | Depriving Bacterial Adhesion-Related Molecule to Inhibit Biofilm Formation Using CeO ₂ -Decorated Metal-Organic Frameworks. <i>Small</i> , 2019 , 15, e1902522 | 11 | 37 |
| 59 | Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. <i>Chemical Communications</i> , 2019 , 55, 15097-15100 | 5.8 | 20 |
| 58 | Direct visualization of MicroRNA in vivo via an intelligent MnO ₂ -carried catalytic DNA machine. <i>Sensors and Actuators B: Chemical</i> , 2019 , 283, 124-129 | 8.5 | 5 |
| 57 | Point-of-Care Identification of Bacteria Using Protein-Encapsulated Gold Nanoclusters. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701370 | 10.1 | 30 |
| 56 | Nucleotide-Based Assemblies for Green Synthesis of Silver Nanoparticles with Controlled Localized Surface Plasmon Resonances and Their Applications. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9929-9937 | 9.5 | 21 |

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| 55 | Fingerprint-like pattern for recognition of thiols. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 183-188 | 8.5 | 7 |
| 54 | Nucleobases, nucleosides, and nucleotides: versatile biomolecules for generating functional nanomaterials. <i>Chemical Society Reviews</i> , 2018 , 47, 1285-1306 | 58.5 | 116 |
| 53 | Biomolecule-templated photochemical synthesis of silver nanoparticles: Multiple readouts of localized surface plasmon resonance for pattern recognition. <i>Nano Research</i> , 2018 , 11, 3213-3221 | 10 | 20 |
| 52 | An intelligent 1:2 demultiplexer as an intracellular theranostic device based on DNA/Ag cluster-gated nanovehicles. <i>Nanotechnology</i> , 2018 , 29, 065501 | 3.4 | 12 |
| 51 | Nanozyme as Artificial Receptor with Multiple Readouts for Pattern Recognition. <i>Analytical Chemistry</i> , 2018 , 90, 11775-11779 | 7.8 | 66 |
| 50 | A GO-Se nanocomposite as an antioxidant nanozyme for cytoprotection. <i>Chemical Communications</i> , 2017 , 53, 3082-3085 | 5.8 | 51 |
| 49 | Artificial Enzyme-based Logic Operations to Mimic an Intracellular Enzyme-participated Redox Balance System. <i>Chemistry - A European Journal</i> , 2017 , 23, 9156-9161 | 4.8 | 12 |
| 48 | A DNA-Based Label-Free Artificial Tongue for Pattern Recognition of Metal Ions. <i>Chemistry - A European Journal</i> , 2017 , 23, 9258-9261 | 4.8 | 20 |
| 47 | Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 19717-19724 | 9.5 | 86 |
| 46 | Confinement of Reactive Oxygen Species in an Artificial-Enzyme-Based Hollow Structure To Eliminate Adverse Effects of Photocatalysis on UV Filters. <i>Chemistry - A European Journal</i> , 2017 , 23, 13518-13524 | 4.8 | 12 |
| 45 | Structure and Stabilization of CGC+ Triplex DNA 2017 , 329-352 | | |
| 44 | Conformational switch-mediated accelerated release of drug from cytosine-rich nucleic acid-capped magnetic nanovehicles. <i>Chemical Communications</i> , 2016 , 52, 3364-7 | 5.8 | 4 |
| 43 | Artificial tongue based on metal-biomolecule coordination polymer nanoparticles. <i>Chemical Communications</i> , 2016 , 52, 3410-3 | 5.8 | 43 |
| 42 | Coupling a DNA-ligand ensemble with Ag cluster formation for the label-free and ratiometric detection of intracellular biothiols. <i>Chemical Communications</i> , 2016 , 52, 5167-70 | 5.8 | 31 |
| 41 | Nucleic-acid-programmed Ag-nanoclusters as a generic platform for visualization of latent fingerprints and exogenous substances. <i>Chemical Communications</i> , 2016 , 52, 557-60 | 5.8 | 45 |
| 40 | DNA-fueled molecular machine for label-free and non-enzymatic ultrasensitive detection of telomerase activity. <i>Analyst, The</i> , 2016 , 141, 4855-8 | 5 | 4 |
| 39 | Embedding magnetic nanoparticles into coordination polymers to mimic zinc ion transporters for targeted tumor therapy. <i>Chemical Communications</i> , 2016 , 52, 12598-12601 | 5.8 | 9 |
| 38 | Copper(II) Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. <i>Angewandte Chemie</i> , 2016 , 128, 11639-11643 | 3.6 | 79 |

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| 37 | Copper(II)-Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11467-71 | 16.4 | 282 |
| 36 | G-quartet-based nanostructure for mimicking light-harvesting antenna. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 892-6 | 16.4 | 45 |
| 35 | Alternative DNA Structures, Switches and Nanomachines 2015 , 329-490 | | |
| 34 | G-Quartet-Based Nanostructure for Mimicking Light-Harvesting Antenna. <i>Angewandte Chemie</i> , 2015 , 127, 906-910 | 3.6 | 9 |
| 33 | A CuS-based chemical tongue chip for pattern recognition of proteins and antibiotic-resistant bacteria. <i>Chemical Communications</i> , 2015 , 51, 2675-8 | 5.8 | 27 |
| 32 | Tumor Microenvironment Activated Photothermal Strategy for Precisely Controlled Ablation of Solid Tumors upon NIR Irradiation. <i>Advanced Functional Materials</i> , 2015 , 25, 1574-1580 | 15.6 | 108 |
| 31 | Multiconfigurable logic gates based on fluorescence switching in adaptive coordination polymer nanoparticles. <i>Advanced Materials</i> , 2014 , 26, 1111-7 | 24 | 101 |
| 30 | DNA-regulated upconverting nanoparticle signal transducers for multivalued logic operation. <i>Small</i> , 2014 , 10, 1500-3 | 11 | 25 |
| 29 | Nucleic acids and smart materials: advanced building blocks for logic systems. <i>Advanced Materials</i> , 2014 , 26, 5742-57 | 24 | 81 |
| 28 | Artificial Light-Harvesting Material Based on Self-Assembly of Coordination Polymer Nanoparticles. <i>Advanced Functional Materials</i> , 2014 , 24, 4549-4555 | 15.6 | 47 |
| 27 | "Plug and play" logic gates based on fluorescence switching regulated by self-assembly of nucleotide and lanthanide ions. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9557-62 | 9.5 | 33 |
| 26 | Nucleic acid-mesoporous silica nanoparticle conjugates for keypad lock security operation. <i>Chemical Communications</i> , 2013 , 49, 2305-7 | 5.8 | 34 |
| 25 | Identification of polyoxometalates as inhibitors of basic fibroblast growth factor. <i>Molecular BioSystems</i> , 2013 , 9, 113-20 | | 22 |
| 24 | Ag nanoparticle-decorated graphene quantum dots for label-free, rapid and sensitive detection of Ag ⁺ and biothiols. <i>Chemical Communications</i> , 2013 , 49, 1079-81 | 5.8 | 211 |
| 23 | Versatile Fluorescent Conjugated Polyelectrolyte-Capped Mesoporous Silica Nanoparticles for Controlled Drug Delivery and Imaging. <i>ChemPlusChem</i> , 2013 , 78, 656-662 | 2.8 | 5 |
| 22 | Lighting up silica nanotubes transcribed from the submicron structure of a metal-peptide hybrid. <i>Nanotechnology</i> , 2013 , 24, 375603 | 3.4 | 6 |
| 21 | Near-infrared light-triggered, targeted drug delivery to cancer cells by aptamer gated nanovehicles. <i>Advanced Materials</i> , 2012 , 24, 2890-5 | 24 | 364 |
| 20 | Miniaturization of metal-biomolecule frameworks based on stereoselective self-assembly and potential application in water treatment and as antibacterial agents. <i>Chemistry - A European Journal</i> , 2012 , 18, 4322-8 | 4.8 | 79 |

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| 19 | Versatile logic devices based on programmable DNA-regulated silver-nanocluster signal transducers. <i>Chemistry - A European Journal</i> , 2012 , 18, 6663-9 | 4.8 | 64 |
| 18 | Easy access to selective binding and recyclable separation of histidine-tagged proteins using Ni ²⁺ -decorated superparamagnetic nanoparticles. <i>Nano Research</i> , 2012 , 5, 450-459 | 10 | 18 |
| 17 | Hierarchical magnetic core-shell nanoarchitectures: non-linker reagent synthetic route and applications in a biomolecule separation system. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2935-2942 | | 31 |
| 16 | Silver nanoprobe for sensitive and selective colorimetric detection of dopamine via robust Ag-catechol interaction. <i>Chemical Communications</i> , 2011 , 47, 1181-3 | 5.8 | 184 |
| 15 | DNA-templated silver nanoparticles as a platform for highly sensitive and selective fluorescence turn-on detection of dopamine. <i>Small</i> , 2011 , 7, 1557-61 | 11 | 62 |
| 14 | Combination of Graphene Oxide and Thiol-Activated DNA Metallization for Sensitive Fluorescence Turn-On Detection of Cysteine and Their Use for Logic Gate Operations. <i>Advanced Functional Materials</i> , 2011 , 21, 4565-4572 | 15.6 | 123 |
| 13 | Polyvalent Nucleic Acid/Mesoporous Silica Nanoparticle Conjugates: Dual Stimuli-Responsive Vehicles for Intracellular Drug Delivery. <i>Angewandte Chemie</i> , 2011 , 123, 912-916 | 3.6 | 37 |
| 12 | Polyvalent nucleic acid/mesoporous silica nanoparticle conjugates: dual stimuli-responsive vehicles for intracellular drug delivery. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 882-6 | 16.4 | 286 |
| 11 | Site-specific DNA-programmed growth of fluorescent and functional silver nanoclusters. <i>Chemistry - A European Journal</i> , 2011 , 17, 3774-80 | 4.8 | 81 |
| 10 | Multivalued logic gates based on DNA. <i>Chemistry - A European Journal</i> , 2011 , 17, 9590-4 | 4.8 | 26 |
| 9 | pH-responsive DNA assembly regulated through A-motif. <i>Soft Matter</i> , 2011 , 7, 10574 | 3.6 | 6 |
| 8 | DNA-templated ensemble for label-free and real-time fluorescence turn-on detection of enzymatic/oxidative cleavage of single-stranded DNA. <i>Chemical Communications</i> , 2011 , 47, 8133-5 | 5.8 | 38 |
| 7 | DNA-based logic gates operating as a biomolecular security device. <i>Chemical Communications</i> , 2011 , 47, 6024-6 | 5.8 | 60 |
| 6 | Modulating DNA-templated silver nanoclusters for fluorescence turn-on detection of thiol compounds. <i>Chemical Communications</i> , 2011 , 47, 3487-9 | 5.8 | 185 |
| 5 | Stimuli-responsive controlled-release system using quadruplex DNA-capped silica nanocontainers. <i>Nucleic Acids Research</i> , 2011 , 39, 1638-44 | 20.1 | 178 |
| 4 | DNA/ligand/ion-based ensemble for fluorescence turn on detection of cysteine and histidine with tunable dynamic range. <i>Analytical Chemistry</i> , 2010 , 82, 8211-6 | 7.8 | 129 |
| 3 | Logic gates and pH sensing devices based on a supramolecular telomere DNA/conjugated polymer system. <i>Molecular BioSystems</i> , 2010 , 6, 1928-32 | | 37 |
| 2 | Universal platform for sensitive and label-free nuclease assay based on conjugated polymer and DNA/intercalating dye complex. <i>Langmuir</i> , 2010 , 26, 4540-5 | 4 | 53 |

- 1 Sensitive, selective and label-free protein detection using a smart polymeric transducer and aptamer/ligand system. *Chemical Communications*, **2009**, 7357-9

5.8 26