

# Fang Pu

## List of Publications by Citations

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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	Near-infrared light-triggered, targeted drug delivery to cancer cells by aptamer gated nanovehicles. <i>Advanced Materials</i> , <b>2012</b> , 24, 2890-5	24	364
71	Polyvalent nucleic acid/mesoporous silica nanoparticle conjugates: dual stimuli-responsive vehicles for intracellular drug delivery. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 882-6	16.4	286
70	Copper(II)-Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11467-71	16.4	282
69	Ag nanoparticle-decorated graphene quantum dots for label-free, rapid and sensitive detection of Ag <sup>+</sup> and biothiols. <i>Chemical Communications</i> , <b>2013</b> , 49, 1079-81	5.8	211
68	Modulating DNA-templated silver nanoclusters for fluorescence turn-on detection of thiol compounds. <i>Chemical Communications</i> , <b>2011</b> , 47, 3487-9	5.8	185
67	Silver nanoprobe for sensitive and selective colorimetric detection of dopamine via robust Ag-catechol interaction. <i>Chemical Communications</i> , <b>2011</b> , 47, 1181-3	5.8	184
66	Stimuli-responsive controlled-release system using quadruplex DNA-capped silica nanocontainers. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 1638-44	20.1	178
65	DNA/ligand/ion-based ensemble for fluorescence turn on detection of cysteine and histidine with tunable dynamic range. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 8211-6	7.8	129
64	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> , <b>2011</b> , 21, 4565-4572	15.6	123
63	Nucleobases, nucleosides, and nucleotides: versatile biomolecules for generating functional nanomaterials. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 1285-1306	58.5	116
62	Tumor Microenvironment Activated Photothermal Strategy for Precisely Controlled Ablation of Solid Tumors upon NIR Irradiation. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 1574-1580	15.6	108
61	Multiconfigurable logic gates based on fluorescence switching in adaptive coordination polymer nanoparticles. <i>Advanced Materials</i> , <b>2014</b> , 26, 1111-7	24	101
60	Hyaluronic Acid-Templated Ag Nanoparticles/Graphene Oxide Composites for Synergistic Therapy of Bacteria Infection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 19717-19724	9.5	86
59	Nucleic acids and smart materials: advanced building blocks for logic systems. <i>Advanced Materials</i> , <b>2014</b> , 26, 5742-57	24	81
58	Site-specific DNA-programmed growth of fluorescent and functional silver nanoclusters. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3774-80	4.8	81
57	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> , <b>2012</b> , 18, 4322-8	4.8	79
56	Copper(II)-Graphitic Carbon Nitride Triggered Synergy: Improved ROS Generation and Reduced Glutathione Levels for Enhanced Photodynamic Therapy. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11639-11643	3.6	79

55	Nanozyme as Artificial Receptor with Multiple Readouts for Pattern Recognition. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 11775-11779	7.8	66
54	Versatile logic devices based on programmable DNA-regulated silver-nanocluster signal transducers. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 6663-9	4.8	64
53	DNA-templated silver nanoparticles as a platform for highly sensitive and selective fluorescence turn-on detection of dopamine. <i>Small</i> , <b>2011</b> , 7, 1557-61	11	62
52	DNA-based logic gates operating as a biomolecular security device. <i>Chemical Communications</i> , <b>2011</b> , 47, 6024-6	5.8	60
51	Universal platform for sensitive and label-free nuclease assay based on conjugated polymer and DNA/intercalating dye complex. <i>Langmuir</i> , <b>2010</b> , 26, 4540-5	4	53
50	A GO-Se nanocomposite as an antioxidant nanozyme for cytoprotection. <i>Chemical Communications</i> , <b>2017</b> , 53, 3082-3085	5.8	51
49	Artificial Light-Harvesting Material Based on Self-Assembly of Coordination Polymer Nanoparticles. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 4549-4555	15.6	47
48	G-quartet-based nanostructure for mimicking light-harvesting antenna. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 892-6	16.4	45
47	Nucleic-acid-programmed Ag-nanoclusters as a generic platform for visualization of latent fingerprints and exogenous substances. <i>Chemical Communications</i> , <b>2016</b> , 52, 557-60	5.8	45
46	Artificial tongue based on metal-biomolecule coordination polymer nanoparticles. <i>Chemical Communications</i> , <b>2016</b> , 52, 3410-3	5.8	43
45	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> , <b>2011</b> , 47, 8133-5	5.8	38
44	Constructing metal-organic framework nanodots as bio-inspired artificial superoxide dismutase for alleviating endotoxemia. <i>Materials Horizons</i> , <b>2019</b> , 6, 1682-1687	14.4	37
43	Depriving Bacterial Adhesion-Related Molecule to Inhibit Biofilm Formation Using CeO <sub>2</sub> -Decorated Metal-Organic Frameworks. <i>Small</i> , <b>2019</b> , 15, e1902522	11	37
42	Polyvalent Nucleic Acid/Mesoporous Silica Nanoparticle Conjugates: Dual Stimuli-Responsive Vehicles for Intracellular Drug Delivery. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 912-916	3.6	37
41	Logic gates and pH sensing devices based on a supramolecular telomere DNA/conjugated polymer system. <i>Molecular BioSystems</i> , <b>2010</b> , 6, 1928-32		37
40	Nucleic acid-mesoporous silica nanoparticle conjugates for keypad lock security operation. <i>Chemical Communications</i> , <b>2013</b> , 49, 2305-7	5.8	34
39	"Plug and play" logic gates based on fluorescence switching regulated by self-assembly of nucleotide and lanthanide ions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 9557-62	9.5	33
38	Coupling a DNA-ligand ensemble with Ag cluster formation for the label-free and ratiometric detection of intracellular biothiols. <i>Chemical Communications</i> , <b>2016</b> , 52, 5167-70	5.8	31

37	Hierarchical magnetic core-shell nanoarchitectures: non-linker reagent synthetic route and applications in a biomolecule separation system. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 2935-2942		31
36	Point-of-Care Identification of Bacteria Using Protein-Encapsulated Gold Nanoclusters. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1701370	10.1	30
35	Hydrogel-based artificial enzyme for combating bacteria and accelerating wound healing. <i>Nano Research</i> , <b>2020</b> , 13, 496-502	10	27
34	A CuS-based chemical tongue chip for pattern recognition of proteins and antibiotic-resistant bacteria. <i>Chemical Communications</i> , <b>2015</b> , 51, 2675-8	5.8	27
33	Multivalued logic gates based on DNA. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 9590-4	4.8	26
32	Sensitive, selective and label-free protein detection using a smart polymeric transducer and aptamer/ligand system. <i>Chemical Communications</i> , <b>2009</b> , 7357-9	5.8	26
31	DNA-regulated upconverting nanoparticle signal transducers for multivalued logic operation. <i>Small</i> , <b>2014</b> , 10, 1500-3	11	25
30	Identification of polyoxometalates as inhibitors of basic fibroblast growth factor. <i>Molecular BioSystems</i> , <b>2013</b> , 9, 113-20		22
29	Nucleotide-Based Assemblies for Green Synthesis of Silver Nanoparticles with Controlled Localized Surface Plasmon Resonances and Their Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 9929-9937	9.5	21
28	A DNA-Based Label-Free Artificial Tongue for Pattern Recognition of Metal Ions. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9258-9261	4.8	20
27	Biomolecule-templated photochemical synthesis of silver nanoparticles: Multiple readouts of localized surface plasmon resonance for pattern recognition. <i>Nano Research</i> , <b>2018</b> , 11, 3213-3221	10	20
26	Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. <i>Chemical Communications</i> , <b>2019</b> , 55, 15097-15100	5.8	20
25	Easy access to selective binding and recyclable separation of histidine-tagged proteins using Ni <sup>2+</sup> -decorated superparamagnetic nanoparticles. <i>Nano Research</i> , <b>2012</b> , 5, 450-459	10	18
24	Artificial Enzyme-based Logic Operations to Mimic an Intracellular Enzyme-participated Redox Balance System. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9156-9161	4.8	12
23	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> , <b>2017</b> , 23, 13518-13524	4.8	12
22	An intelligent 1:2 demultiplexer as an intracellular theranostic device based on DNA/Ag cluster-gated nanovehicles. <i>Nanotechnology</i> , <b>2018</b> , 29, 065501	3.4	12
21	DNA-MnO nanosheets as washing- and label-free platform for array-based differentiation of cell types. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1056, 1-6	6.6	9
20	G-Quartet-Based Nanostructure for Mimicking Light-Harvesting Antenna. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 906-910	3.6	9

19	Embedding magnetic nanoparticles into coordination polymers to mimic zinc ion transporters for targeted tumor therapy. <i>Chemical Communications</i> , <b>2016</b> , 52, 12598-12601	5.8	9
18	Fingerprint-like pattern for recognition of thiols. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 260, 183-188	8.5	7
17	Nucleic acid-driven aggregation-induced emission of Au nanoclusters for visualizing telomerase activity in living cells and in vivo. <i>Materials Horizons</i> , <b>2021</b> , 8, 1769-1775	14.4	7
16	Lighting up silica nanotubes transcribed from the submicron structure of a metal-peptide hybrid. <i>Nanotechnology</i> , <b>2013</b> , 24, 375603	3.4	6
15	pH-responsive DNA assembly regulated through A-motif. <i>Soft Matter</i> , <b>2011</b> , 7, 10574	3.6	6
14	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> , <b>2020</b> , 321, 128630	8.5	6
13	Versatile Fluorescent Conjugated Polyelectrolyte-Capped Mesoporous Silica Nanoparticles for Controlled Drug Delivery and Imaging. <i>ChemPlusChem</i> , <b>2013</b> , 78, 656-662	2.8	5
12	Direct visualization of MicroRNA in vivo via an intelligent MnO <sub>2</sub> -carried catalytic DNA machine. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 283, 124-129	8.5	5
11	A DNA/metal cluster-based nano-lantern as an intelligent theranostic device. <i>Chemical Communications</i> , <b>2020</b> , 56, 5295-5298	5.8	4
10	Conformational switch-mediated accelerated release of drug from cytosine-rich nucleic acid-capped magnetic nanovehicles. <i>Chemical Communications</i> , <b>2016</b> , 52, 3364-7	5.8	4
9	DNA-fueled molecular machine for label-free and non-enzymatic ultrasensitive detection of telomerase activity. <i>Analyst, The</i> , <b>2016</b> , 141, 4855-8	5	4
8	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> , <b>2020</b> , 578, 254-261	9.3	3
7	Recent progress in sensor arrays using nucleic acid as sensing elements. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 456, 214379	23.2	2
6	MicroRNA-Triggered Nanozymes Cascade Reaction for Tumor-Specific Chemodynamic Therapy. <i>Chemistry - A European Journal</i> , <b>2021</b> ,	4.8	1
5	Recent advances in the construction of nanozyme-based logic gates. <i>Biophysics Reports</i> , <b>2020</b> , 6, 245-255	5.5	1
4	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> , <b>2019</b> , 2035, 347-356	1.4	0
3	Modular AND Gate-Controlled Delivery Platform for Tumor Microenvironment Specific Activation of Protein Activity. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 7573-7577	4.8	0
2	Structure and Stabilization of CGC+ Triplex DNA		

1 Alternative DNA Structures, Switches and Nanomachines **2015**, 329-490