

# Enguo Ju

## 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.

73  
papers

4,714  
citations

40  
h-index

68  
g-index

75  
ext. papers

5,498  
ext. citations

11.5  
avg, IF

5.81  
L-index

#	Paper	IF	Citations
73	Digital CRISPR/Cas12b-based platform enabled absolute quantification of viral RNA.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1192, 339336	6.6	5
72	Advanced Nanotheranostics of CRISPR/Cas for Viral Hepatitis and Hepatocellular Carcinoma. <i>Advanced Science</i> , <b>2021</b> , e2102051	13.6	9
71	Broad Severe Acute Respiratory Syndrome Coronavirus 2 Cell Tropism and Immunopathology in Lung Tissues From Fatal Coronavirus Disease 2019. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 1842-1854	7	13
70	3D Printed Bioceramic Scaffolds as a Universal Therapeutic Platform for Synergistic Therapy of Osteosarcoma. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 18488-18499	9.5	3
69	Reversible switching of primary cells between normal and malignant state by oncogenic virus KSHV and CRISPR/Cas9-mediated targeting of a major viral latent protein. <i>Journal of Medical Virology</i> , <b>2021</b> , 93, 5065-5075	19.7	2
68	Sensing of COVID-19 Antibodies in Seconds via Aerosol Jet Nanoprinted Reduced-Graphene-Oxide-Coated 3D Electrodes. <i>Advanced Materials</i> , <b>2021</b> , 33, e2006647	24	77
67	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
66	RNF167 activates mTORC1 and promotes tumorigenesis by targeting CASTOR1 for ubiquitination and degradation. <i>Nature Communications</i> , <b>2021</b> , 12, 1055	17.4	6
65	SARS-CoV-2 pseudovirus infectivity and expression of viral entry-related factors ACE2, TMPRSS2, Kim-1, and NRP-1 in human cells from the respiratory, urinary, digestive, reproductive, and immune systems. <i>Journal of Medical Virology</i> , <b>2021</b> , 93, 6671-6685	19.7	7
64	Hemin particles-functionalized 3D printed scaffolds for combined photothermal and chemotherapy of osteosarcoma. <i>Chemical Engineering Journal</i> , <b>2021</b> , 422, 129919	14.7	6
63	GRWD1-WDR5-MLL2 Epigenetic Complex Mediates H3K4me3 Mark and Is Essential for Kaposi's Sarcoma-Associated Herpesvirus-Induced Cellular Transformation.. <i>MBio</i> , <b>2021</b> , 12, e0343121	7.8	
62	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
61	Specific Inhibition of Viral MicroRNAs by Carbon Dots-Mediated Delivery of Locked Nucleic Acids for Therapy of Virus-Induced Cancer. <i>ACS Nano</i> , <b>2020</b> , 14, 476-487	16.7	29
60	Gold Nanocluster-Mediated Efficient Delivery of Cas9 Protein through pH-Induced Assembly-Disassembly for Inactivation of Virus Oncogenes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 34717-34724	9.5	41
59	Kaposi sarcoma-associated herpesvirus miRNAs suppress CASTOR1-mediated mTORC1 inhibition to promote tumorigenesis. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 3310-3323	15.9	14
58	Biomimetic nanoflowers by self-assembly of nanozymes to induce intracellular oxidative damage against hypoxic tumors. <i>Nature Communications</i> , <b>2018</b> , 9, 3334	17.4	308
57	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

56	Encapsulation of aggregated gold nanoclusters in a metal-organic framework for real-time monitoring of drug release. <i>Nanoscale</i> , <b>2017</b> , 9, 4128-4134	7.7	72
55	Host-guest recognition on photo-responsive cell surfaces directs cell-cell contacts. <i>Materials Today</i> , <b>2017</b> , 20, 16-21	21.8	21
54	An Efficient and Benign Antimicrobial Depot Based on Silver-Infused MoS. <i>ACS Nano</i> , <b>2017</b> , 11, 4651-4659	16.7	139
53	Light-Mediated Reversible Modulation of ROS Level in Living Cells by Using an Activity-Controllable Nanozyme. <i>Small</i> , <b>2017</b> , 13, 1603051	11	52
52	Chemically individual armoured bioreporter bacteria used for the in vivo sensing of ultra-trace toxic metal ions. <i>Chemical Communications</i> , <b>2017</b> , 53, 8415-8418	5.8	5
51	A bifunctional nanomodulator for boosting CpG-mediated cancer immunotherapy. <i>Nanoscale</i> , <b>2017</b> , 9, 14236-14247	7.7	38
50	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
49	Pathogen-mimicking nanocomplexes: self-stimulating oxidative stress in tumor microenvironment for chemo-immunotherapy. <i>Materials Today</i> , <b>2017</b> , 20, 346-353	21.8	10
48	Metal-Organic-Framework-Based Vaccine Platforms for Enhanced Systemic Immune and Memory Response. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 6454-6461	15.6	152
47	Spatiotemporal control of cell-cell reversible interactions using molecular engineering. <i>Nature Communications</i> , <b>2016</b> , 7, 13088	17.4	73
46	Bioorthogonal chemistry for selective recognition, separation and killing bacteria over mammalian cells. <i>Chemical Communications</i> , <b>2016</b> , 52, 3482-5	5.8	4
45	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
44	Synergistic eradication of antibiotic-resistant bacteria based biofilms in vivo using a NIR-sensitive nanoplatfom. <i>Chemical Communications</i> , <b>2016</b> , 52, 5312-5	5.8	38
43	A graphitic hollow carbon nitride nanosphere as a novel photochemical internalization agent for targeted and stimuli-responsive cancer therapy. <i>Nanoscale</i> , <b>2016</b> , 8, 12570-8	7.7	71
42	Self-Assembly of Multi-nanozymes to Mimic an Intracellular Antioxidant Defense System. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 6646-50	16.4	214
41	Self-Assembly of Multi-nanozymes to Mimic an Intracellular Antioxidant Defense System. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 6758-6762	3.6	52
40	Design of Surface-Active Artificial Enzyme Particles to Stabilize Pickering Emulsions for High-Performance Biphasic Biocatalysis. <i>Advanced Materials</i> , <b>2016</b> , 28, 1682-8	24	105
39	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

38	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
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> , <b>2016</b> , 55, 11467-71	16.4	282
36	Individual surface-engineered microorganisms as robust Pickering interfacial biocatalysts for resistance-minimized phase-transfer bioconversion. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4904-8	16.4	86
35	Gold nanocluster-based vaccines for dual-delivery of antigens and immunostimulatory oligonucleotides. <i>Nanoscale</i> , <b>2015</b> , 7, 12419-26	7.7	37
34	Growth of hydrophilic CuS nanowires via DNA-mediated self-assembly process and their use in fabricating smart hybrid films for adjustable chemical release. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 2930-5	4.8	7
33	Single-layer tungsten oxide as intelligent photo-responsive nanoagents for permanent male sterilization. <i>Biomaterials</i> , <b>2015</b> , 69, 56-64	15.6	35
32	Biomimetic nanoassembly for targeted antigen delivery and enhanced Th1-type immune response. <i>Chemical Communications</i> , <b>2015</b> , 51, 15975-8	5.8	12
31	Bifunctionalized mesoporous silica-supported gold nanoparticles: intrinsic oxidase and peroxidase catalytic activities for antibacterial applications. <i>Advanced Materials</i> , <b>2015</b> , 27, 1097-104	24	385
30	Upconversion nanoprobe for efficiently in vitro imaging reactive oxygen species and in vivo diagnosing rheumatoid arthritis. <i>Biomaterials</i> , <b>2015</b> , 39, 15-22	15.6	86
29	Individual Surface-Engineered Microorganisms as Robust Pickering Interfacial Biocatalysts for Resistance-Minimized Phase-Transfer Bioconversion. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4986-4990	3.6	20
28	One-step synthesized immunostimulatory oligonucleotides-functionalized quantum dots for simultaneous enhanced immunogenicity and cell imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 126, 585-9	6	8
27	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
26	Synthesis of fluorinated and nonfluorinated graphene quantum dots through a new top-down strategy for long-time cellular imaging. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 3791-7	4.8	88
25	Multiconfigurable logic gates based on fluorescence switching in adaptive coordination polymer nanoparticles. <i>Advanced Materials</i> , <b>2014</b> , 26, 1111-7	24	101
24	A Smart Nanoassembly for Multistage Targeted Drug Delivery and Magnetic Resonance Imaging. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 3612-3620	15.6	86
23	Polypyrrole nanoparticles as promising enzyme mimics for sensitive hydrogen peroxide detection. <i>Chemical Communications</i> , <b>2014</b> , 50, 3030-2	5.8	103
22	Multifunctional upconverting nanoparticles for near-infrared triggered and synergistic antibacterial resistance therapy. <i>Chemical Communications</i> , <b>2014</b> , 50, 10488-90	5.8	92
21	Reduced graphene oxide functionalized with a luminescent rare-earth complex for the tracking and photothermal killing of drug-resistant bacteria. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 394-8	4.8	60

20	Ultrasmall biomolecule-anchored hybrid GdVO <sub>4</sub> nanophosphors as a metabolizable multimodal bioimaging contrast agent. <i>Nanoscale</i> , <b>2014</b> , 6, 12042-9	7.7	44
19	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
18	Engineered CpG-Antigen Conjugates Protected Gold Nanoclusters as Smart Self-Vaccines for Enhanced Immune Response and Cell Imaging. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 1004-1010	15.6	90
17	A multi-stimuli responsive gold nanocage-hyaluronic platform for targeted photothermal and chemotherapy. <i>Biomaterials</i> , <b>2014</b> , 35, 9678-88	15.6	149
16	Heterogeneous assembled nanocomplexes for ratiometric detection of highly reactive oxygen species in vitro and in vivo. <i>ACS Nano</i> , <b>2014</b> , 8, 6014-23	16.7	132
15	Near-infrared light-triggered drug-delivery vehicle for mitochondria-targeted chemo-photothermal therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 4364-70	9.5	82
14	A smart "sense-act-treat" system: combining a ratiometric pH sensor with a near infrared therapeutic gold nanocage. <i>Advanced Materials</i> , <b>2014</b> , 26, 6635-41	24	79
13	Immunostimulatory oligonucleotides-loaded cationic graphene oxide with photothermally enhanced immunogenicity for photothermal/immune cancer therapy. <i>Biomaterials</i> , <b>2014</b> , 35, 9963-9971	15.6	155
12	Upconverting nanoparticles with a mesoporous TiO <sub>2</sub> shell for near-infrared-triggered drug delivery and synergistic targeted cancer therapy. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 14012-7	4.8	72
11	Engineered, self-assembled near-infrared photothermal agents for combined tumor immunotherapy and chemo-photothermal therapy. <i>Biomaterials</i> , <b>2014</b> , 35, 6646-56	15.6	116
10	Near-Infrared Light-Encoded Orthogonally Triggered and Logical Intracellular Release Using Gold Nanocage@Smart Polymer Shell. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 826-834	15.6	35
9	A Multi-synergistic Platform for Sequential Irradiation-Activated High-Performance Apoptotic Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 522-529	15.6	72
8	Aptamer-directed synthesis of multifunctional lanthanide-doped porous nanoprobes for targeted imaging and drug delivery. <i>Small</i> , <b>2013</b> , 9, 4262-8	11	21
7	Functional polypyrrole-silica composites as photothermal agents for targeted killing of bacteria. <i>Chemical Communications</i> , <b>2013</b> , 49, 9048-50	5.8	46
6	Contrasting modulation of enzyme activity exhibited by graphene oxide and reduced graphene. <i>Chemical Communications</i> , <b>2013</b> , 49, 8611-3	5.8	42
5	Direct visualization of gastrointestinal tract with lanthanide-doped BaYbF <sub>5</sub> upconversion nanoprobes. <i>Biomaterials</i> , <b>2013</b> , 34, 7444-52	15.6	56
4	One-step DNA-programmed growth of CpG conjugated silver nanoclusters: a potential platform for simultaneous enhanced immune response and cell imaging. <i>Chemical Communications</i> , <b>2013</b> , 49, 6918-20	5.8	35
3	Polycations-functionalized water-soluble gold nanoclusters: a potential platform for simultaneous enhanced gene delivery and cell imaging. <i>Nanoscale</i> , <b>2013</b> , 5, 6154-60	7.7	57

- 2 Metallization of plasmid DNA for efficient gene delivery. *Chemical Communications*, **2013**, 49, 9791-3 5.8 20
- 1 Exonuclease-aided amplification for label-free and fluorescence turn-on DNA detection based on aggregation-induced quenching. *Chemical Communications*, **2012**, 48, 11662-4 5.8 50