You-Yong Yuan

List of Publications by Year in Descending Order

84 papers	5,951 citations	41 h-index	77 g-index
91 ext. papers	6,711 ext. citations	9.7 avg, IF	6.13 L-index

#	Paper	IF	Citations
84	Tumor-Acidity and Bioorthogonal Chemistry-Mediated On-Site Size Transformation Clustered Nanosystem to Overcome Hypoxic Resistance and Enhance Chemoimmunotherapy.. *ACS Nano*, **2022**,	16.7	11
83	Bioorthogonal chemistry and illumination controlled programmed size-changeable nanomedicine for synergistic photodynamic and hypoxia-activated therapy.. *Biomaterials*, **2022**, 284, 121480	15.6	0
82	A tumor microenvironment responsive nanoplatform with oxidative stress amplification for effective MRI-based visual tumor ferroptosis. *Acta Biomaterialia*, **2021**, 138, 518-518	10.8	6
81	Polyprodrug with glutathione depletion and cascade drug activation for multi-drug resistance reversal. *Biomaterials*, **2021**, 270, 120649	15.6	20
80	Bioorthogonal Pretargeting Strategy for Anchoring Activatable Photosensitizers on Plasma Membranes for Effective Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2021**, 13, 14004-14014	9.5	4
79	Dual drug delivery system with flexible and controllable drug ratios for synergistic chemotherapy. *Science China Chemistry*, **2021**, 64, 1020-1030	7.9	3
78	An NIR-Fluorophore-Based Theranostic for Selective Initiation of Tumor Pyroptosis-Induced Immunotherapy. *Small*, **2021**, 17, e2102610	11	7
77	Dual-Drug Backboned Polyprodrug with a Predefined Drug Combination for Synergistic Chemotherapy. *Nano Letters*, **2021**, 21, 2216-2223	11.5	12
76	Sequential enzyme-activated macrotheranostic probe for selective tumor mitochondria targeting. *Acta Biomaterialia*, **2021**, 135, 628-637	10.8	0
75	Theranostic Heterodimeric Prodrug with Dual-Channel Fluorescence Turn-On and Dual-Prodrug Activation for Synergistic Cancer Therapy. *Advanced Healthcare Materials*, **2021**, 10, e2101144	10.1	1
74	Amplification of tumor oxidative stresses by Poly(disulfide acetal) for multidrug resistance reversal. *Biomaterials*, **2021**, 276, 121005	15.6	7
73	Dual-locking nanoprobe based on hemicyanine for orthogonal stimuli-triggered precise cancer imaging and therapy. *Journal of Controlled Release*, **2021**, 338, 307-315	11.7	1
72	Time-programmed activation of dual polyprodrugs for synergistic cascade oxidation-chemotherapy. *Biomaterials*, **2021**, 278, 121136	15.6	3
71	Nitric oxide nano-prodrug platform with synchronous glutathione depletion and hypoxia relief for enhanced photodynamic cancer therapy.. *Materials Science and Engineering C*, **2021**, 112616	8.3	1
70	Size-Switchable Nanoparticles with Self-Destructive and Tumor Penetration Characteristics for Site-Specific Phototherapy of Cancer. *ACS Applied Materials & Interfaces*, **2020**, 12, 6933-6943	9.5	28
69	Linear Well-Defined Polyamines via Anionic Ring-Opening Polymerization of Activated Aziridines: From Mild Desulfonylation to Cell Transfection. *ACS Macro Letters*, **2020**, 9, 20-25	6.6	10
68	Intercellular delivery of bioorthogonal chemical receptors for enhanced tumor targeting and penetration. *Biomaterials*, **2020**, 259, 120298	15.6	15

67	A General Strategy for Macrotheranostic Prodrug Activation: Synergy between the Acidic Tumor Microenvironment and Bioorthogonal Chemistry. *Angewandte Chemie*, **2020**, 132, 7235-7239	3.6	5
66	A General Strategy for Macrotheranostic Prodrug Activation: Synergy between the Acidic Tumor Microenvironment and Bioorthogonal Chemistry. *Angewandte Chemie - International Edition*, **2020**, 59, 7168-7172	16.4	45
65	Theranostic Nanodots with Aggregation-Induced Emission Characteristic for Targeted and Image-Guided Photodynamic Therapy of Hepatocellular Carcinoma. *Theranostics*, **2019**, 9, 1264-1279	12.1	43
64	ROS-Sensitive Polymeric Nanocarriers with Red Light-Activated Size Shrinkage for Remotely Controlled Drug Release. *Chemistry of Materials*, **2018**, 30, 517-525	9.6	82
63	Dual-Responsive Metabolic Precursor and Light-Up AIEgen for Cancer Cell Bio-orthogonal Labeling and Precise Ablation. *Analytical Chemistry*, **2018**, 90, 6718-6724	7.8	26
62	Ultrafast charge-conversional nanocarrier for tumor-acidity-activated targeted drug elivery. *Biomaterials Science*, **2018**, 6, 350-355	7.4	14
61	Surface charge tunable nanoparticles for TNF-αsiRNA oral delivery for treating ulcerative colitis. *Nano Research*, **2018**, 11, 2872-2884	10	17
60	AIEgen based drug delivery systems for cancer therapy. *Journal of Controlled Release*, **2018**, 290, 129-137	11.7	22
59	Photoswitchable Ultrafast Transactivator of Transcription (TAT) Targeting Effect for Nanocarrier-Based On-Demand Drug Delivery. *Advanced Functional Materials*, **2018**, 28, 1704806	15.6	24
58	Delivery of tacrolimus with cationic lipid-assisted nanoparticles for ulcerative colitis therapy. *Biomaterials Science*, **2018**, 6, 1916-1922	7.4	16
57	Visualization of drug delivery processes using AIEgens. *Chemical Science*, **2017**, 8, 2537-2546	9.4	68
56	Light-up probe based on AIEgens: dual signal turn-on for caspase cascade activation monitoring. *Chemical Science*, **2017**, 8, 2723-2728	9.4	75
55	A biosensor based on self-clickable AIEgen: a signal amplification strategy for ultrasensitive immunoassays. *Chemical Communications*, **2017**, 53, 5287-5290	5.8	20
54	One-Step Formulation of Targeted Aggregation-Induced Emission Dots for Image-Guided Photodynamic Therapy of Cholangiocarcinoma. *ACS Nano*, **2017**, 11, 3922-3932	16.7	150
53	A Highly Efficient and Photostable Photosensitizer with Near-Infrared Aggregation-Induced Emission for Image-Guided Photodynamic Anticancer Therapy. *Advanced Materials*, **2017**, 29, 1700548	24	280
52	Smart activatable and traceable dual-prodrug for image-guided combination photodynamic and chemo-therapy. *Biomaterials*, **2017**, 144, 53-59	15.6	55
51	Highly efficient photosensitizers with aggregation-induced emission characteristics obtained through precise molecular design. *Chemical Communications*, **2017**, 53, 8727-8730	5.8	65
50	Bioorthogonal Turn-On Probe Based on Aggregation-Induced Emission Characteristics for Cancer Cell Imaging and Ablation. *Angewandte Chemie - International Edition*, **2016**, 55, 6457-61	16.4	137

49	A FRET probe with AIEgen as the energy quencher: dual signal turn-on for self-validated caspase detection. *Chemical Science*, **2016**, 7, 4245-4250	9.4	57
48	A self-reporting AIE probe with a built-in singlet oxygen sensor for targeted photodynamic ablation of cancer cells. *Chemical Science*, **2016**, 7, 1862-1866	9.4	165
47	Dual-targeted activatable photosensitizers with aggregation-induced emission (AIE) characteristics for image-guided photodynamic cancer cell ablation. *Journal of Materials Chemistry B*, **2016**, 4, 169-176	7.3	58
46	Bioorthogonal Turn-On Probe Based on Aggregation-Induced Emission Characteristics for Cancer Cell Imaging and Ablation. *Angewandte Chemie*, **2016**, 128, 6567-6571	3.6	33
45	Light-responsive AIE nanoparticles with cytosolic drug release to overcome drug resistance in cancer cells. *Polymer Chemistry*, **2016**, 7, 3530-3539	4.9	55
44	AIEgens for Drug Delivery Applications. *ACS Symposium Series*, **2016**, 271-283	0.4	
43	Image-guided combination chemotherapy and photodynamic therapy using a mitochondria-targeted molecular probe with aggregation-induced emission characteristics. *Chemical Science*, **2015**, 6, 4580-4586	9.4	155
42	A light-up probe with aggregation-induced emission characteristics (AIE) for selective imaging, naked-eye detection and photodynamic killing of Gram-positive bacteria. *Chemical Communications*, **2015**, 51, 12490-3	5.8	148
41	A platinum prodrug conjugated with a photosensitizer with aggregation-induced emission (AIE) characteristics for drug activation monitoring and combinatorial photodynamic-chemotherapy against cisplatin resistant cancer cells. *Chemical Communications*, **2015**, 51, 8626-9	5.8	68
40	Specific Light-Up Bioprobe with Aggregation-Induced Emission and Activatable Photoactivity for the Targeted and Image-Guided Photodynamic Ablation of Cancer Cells. *Angewandte Chemie*, **2015**, 127, 1800-1806	3.6	62
39	Tuning the singlet-triplet energy gap: a unique approach to efficient photosensitizers with aggregation-induced emission (AIE) characteristics. *Chemical Science*, **2015**, 6, 5824-5830	9.4	308
38	Conjugated polymer and drug co-encapsulated nanoparticles for chemo- and photo-thermal combination therapy with two-photon regulated fast drug release. *Nanoscale*, **2015**, 7, 3067-76	7.7	81
37	Specific light-up bioprobe with aggregation-induced emission and activatable photoactivity for the targeted and image-guided photodynamic ablation of cancer cells. *Angewandte Chemie - International Edition*, **2015**, 54, 1780-6	16.4	404
36	Biocompatible conjugated polymer nanoparticles for efficient photothermal tumor therapy. *Small*, **2015**, 11, 1603-10	11	142
35	A fluorescent light-up nanoparticle probe with aggregation-induced emission characteristics and tumor-acidity responsiveness for targeted imaging and selective suppression of cancer cells. *Materials Horizons*, **2015**, 2, 100-105	14.4	60
34	A Photoactivatable AIE Polymer for Light-Controlled Gene Delivery: Concurrent Endo/Lysosomal Escape and DNA Unpacking. *Angewandte Chemie - International Edition*, **2015**, 54, 11419-23	16.4	195
33	Light-Up Probe for Targeted and Activatable Photodynamic Therapy with Real-Time In Situ Reporting of Sensitizer Activation and Therapeutic Responses. *Advanced Functional Materials*, **2015**, 25, 6586-6595	15.6	131
32	Smart Probe for Tracing Cancer Therapy: Selective Cancer Cell Detection, Image-Guided Ablation, and Prediction of Therapeutic Response In Situ. *Small*, **2015**, 11, 4682-90	11	44

31	Photodynamic Therapy: Light-Up Probe for Targeted and Activatable Photodynamic Therapy with Real-Time In Situ Reporting of Sensitizer Activation and Therapeutic Responses (Adv. Funct. Mater. 42/2015). *Advanced Functional Materials*, **2015**, 25, 6691-6691	15.6	3
30	A Photoactivatable AIE Polymer for Light-Controlled Gene Delivery: Concurrent Endo/Lysosomal Escape and DNA Unpacking. *Angewandte Chemie*, **2015**, 127, 11581-11585	3.6	18
29	Cancer Therapy: Smart Probe for Tracing Cancer Therapy: Selective Cancer Cell Detection, Image-Guided Ablation, and Prediction of Therapeutic Response In Situ (Small 36/2015). *Small*, **2015**, 11, 4606-4606	11	
28	Tumor-responsive fluorescent light-up probe based on a gold nanoparticle/conjugated polyelectrolyte hybrid. *Small*, **2014**, 10, 1967-75	11	36
27	Rational design of fluorescent light-up probes based on an AIE luminogen for targeted intracellular thiol imaging. *Chemical Communications*, **2014**, 50, 295-7	5.8	89
26	A targeted theranostic platinum(IV) prodrug containing a luminogen with aggregation-induced emission (AIE) characteristics for in situ monitoring of drug activation. *Chemical Communications*, **2014**, 50, 3868-70	5.8	84
25	Distinct optical and kinetic responses from E/Z isomers of caspase probes with aggregation-induced emission characteristics. *Journal of Materials Chemistry B*, **2014**, 2, 4363-4370	7.3	40
24	Light-up bioprobe with aggregation-induced emission characteristics for real-time apoptosis imaging in target cancer cells. *Journal of Materials Chemistry B*, **2014**, 2, 231-238	7.3	59
23	Targeted and image-guided photodynamic cancer therapy based on organic nanoparticles with aggregation-induced emission characteristics. *Chemical Communications*, **2014**, 50, 8757-60	5.8	168
22	Fluorogen-peptide conjugates with tunable aggregation-induced emission characteristics for bioprobe design. *ACS Applied Materials & Interfaces*, **2014**, 6, 14302-10	9.5	39
21	Conjugated-Polyelectrolyte-Based Polyprodrug: Targeted and Image-Guided Photodynamic and Chemotherapy with On-Demand Drug Release upon Irradiation with a Single Light Source. *Angewandte Chemie*, **2014**, 126, 7291-7296	3.6	34
20	Targeted theranostic prodrugs based on an aggregation-induced emission (AIE) luminogen for real-time dual-drug tracking. *Chemical Communications*, **2014**, 50, 11465-8	5.8	70
19	Self-assembled nanoparticles based on PEGylated conjugated polyelectrolyte and drug molecules for image-guided drug delivery and photodynamic therapy. *ACS Applied Materials & Interfaces*, **2014**, 6, 14903-10	9.5	46
18	Targeted theranostic platinum(IV) prodrug with a built-in aggregation-induced emission light-up apoptosis sensor for noninvasive early evaluation of its therapeutic responses in situ. *Journal of the American Chemical Society*, **2014**, 136, 2546-54	16.4	389
17	Conjugated-polyelectrolyte-based polyprodrug: targeted and image-guided photodynamic and chemotherapy with on-demand drug release upon irradiation with a single light source. *Angewandte Chemie - International Edition*, **2014**, 53, 7163-8	16.4	237
16	NIR photoregulated chemo- and photodynamic cancer therapy based on conjugated polyelectrolyte-drug conjugate encapsulated upconversion nanoparticles. *Nanoscale*, **2014**, 6, 11259-72	7.7	81
15	Extracellular pH-Activated Nanocarriers for Enhanced Drug Delivery to Tumors **2014**, 277-304		1
14	Tumor extracellular acidity-activated nanoparticles as drug delivery systems for enhanced cancer therapy. *Biotechnology Advances*, **2014**, 32, 789-803	17.8	147

13	Biocompatible and functionalizable polyphosphate nanogel with a branched structure. *Journal of Materials Chemistry*, **2012**, 22, 9322		21
12	Micelle-to-vesicle morphological transition via light-induced rapid hydrophilic arm detachment from a star polymer. *Chemical Communications*, **2012**, 48, 1257-9	5.8	21
11	Two consecutive click reactions as a general route to functional cyclic polyesters. *Chemical Communications*, **2012**, 48, 570-2	5.8	25
10	Surface charge switchable nanoparticles based on zwitterionic polymer for enhanced drug delivery to tumor. *Advanced Materials*, **2012**, 24, 5476-80	24	392
9	Phosphoester modified poly(ethylenimine) as efficient and low cytotoxic genevectors. *Science China Chemistry*, **2011**, 54, 351-358	7.9	5
8	Syntheses and characterization of block copolymers of poly(aliphatic ester) with clickable polyphosphoester. *Journal of Polymer Science Part A*, **2011**, 49, 487-494	2.5	26
7	Temperature-induced morphological change of ABC 3-miktoarm star terpolymer assemblies in aqueous solution. *Colloids and Surfaces B: Biointerfaces*, **2011**, 85, 81-5	6	11
6	Engineering nanoscopic hydrogels via photo-crosslinking salt-induced polymer assembly for targeted drug delivery. *Chemical Communications*, **2010**, 46, 3520-2	5.8	29
5	One-Pot Syntheses of Amphiphilic Centipede-like Brush Copolymers via Combination of Ring-Opening Polymerization and "Click" Chemistry. *Macromolecules*, **2010**, 43, 1739-1746	5.5	64
4	Recent progress in polyphosphoesters: from controlled synthesis to biomedical applications. *Macromolecular Bioscience*, **2009**, 9, 1154-64	5.5	180
3	Gold nanoparticles stabilized by thermosensitive diblock copolymers of poly(ethylene glycol) and polyphosphoester. *Langmuir*, **2009**, 25, 10298-304	4	26
2	Tunable Thermosensitivity of Biodegradable Polymer Micelles of Poly(ε-caprolactone) and Polyphosphoester Block Copolymers. *Macromolecules*, **2009**, 42, 3026-3032	5.5	91
1	Synthesis of Amphiphilic ABC 3-Miktoarm Star Terpolymer by Combination of Ring-Opening Polymerization and "Click" Chemistry. *Macromolecules*, **2008**, 41, 8620-8625	5.5	72