

# Yuyuan Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10703522/publications.pdf>

Version: 2024-02-01

32  
papers

1,626  
citations

304743

22  
h-index

395702

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2657  
citing authors

#	ARTICLE	IF	CITATIONS
1	A biodegradable nanocapsule delivers a Cas9 ribonucleoprotein complex for in vivo genome editing. <i>Nature Nanotechnology</i> , 2019, 14, 974-980.	31.5	252
2	PKM2 methylation by CARM1 activates aerobic glycolysis to promote tumorigenesis. <i>Nature Cell Biology</i> , 2017, 19, 1358-1370.	10.3	212
3	Tumor-targeted pH/redox dual-sensitive unimolecular nanoparticles for efficient siRNA delivery. <i>Journal of Controlled Release</i> , 2017, 259, 105-114.	9.9	89
4	Quantum-Dot-Based Theranostic Micelles Conjugated with an Anti-EGFR Nanobody for Triple-Negative Breast Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 30297-30305.	8.0	77
5	A Dual-Responsive Antibiotic-Loaded Nanoparticle Specifically Binds Pathogens and Overcomes Antimicrobial-Resistant Infections. <i>Advanced Materials</i> , 2021, 33, e2006772.	21.0	76
6	Metal-Free Trifluoromethylation and Arylation of Alkenes: Domino Synthesis of Oxindole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1021-1028.	4.3	73
7	CuS-Based Theranostic Micelles for NIR-Controlled Combination Chemotherapy and Photothermal Therapy and Photoacoustic Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 41700-41711.	8.0	67
8	Biomimetic fibrin-targeted and H <sub>2</sub> O <sub>2</sub> -responsive nanocarriers for thrombus therapy. <i>Nano Today</i> , 2020, 35, 100986.	11.9	65
9	A review on core-shell structured unimolecular nanoparticles for biomedical applications. <i>Advanced Drug Delivery Reviews</i> , 2018, 130, 58-72.	13.7	63
10	pH-Responsive Polymer-Drug Conjugate: An Effective Strategy to Combat the Antimicrobial Resistance. <i>Advanced Functional Materials</i> , 2020, 30, 2002655.	14.9	61
11	A Universal GSH-Responsive Nanoplatform for the Delivery of DNA, mRNA, and Cas9/sgRNA Ribonucleoprotein. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 18515-18523.	8.0	55
12	A pH-responsive silica-metal-organic framework hybrid nanoparticle for the delivery of hydrophilic drugs, nucleic acids, and CRISPR-Cas9 genome-editing machineries. <i>Journal of Controlled Release</i> , 2020, 324, 194-203.	9.9	55
13	Copper-Catalyzed Domino Synthesis of Benzimidazo[2,1-b]quinazolin-2(1H)-ones Using Cyanamide as a Building Block. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 477-482.	4.3	52
14	Enhancing the In Vitro and In Vivo Stabilities of Polymeric Nucleic Acid Delivery Nanosystems. <i>Bioconjugate Chemistry</i> , 2019, 30, 325-337.	3.6	51
15	Versatile Redox-Responsive Polyplexes for the Delivery of Plasmid DNA, Messenger RNA, and CRISPR-Cas9 Genome-Editing Machinery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 31915-31927.	8.0	49
16	In vivo targeted delivery of nucleic acids and CRISPR genome editors enabled by GSH-responsive silica nanoparticles. <i>Journal of Controlled Release</i> , 2021, 336, 296-309.	9.9	42
17	A paradigm of endothelium-protective and stent-free anti-restenotic therapy using biomimetic nanoclusters. <i>Biomaterials</i> , 2018, 178, 293-301.	11.4	36
18	Hydrogen peroxide-responsive platelet membrane-coated nanoparticles for thrombus therapy. <i>Biomaterials Science</i> , 2021, 9, 2696-2708.	5.4	34

#	ARTICLE	IF	CITATIONS
19	Copper-catalyzed bis-arylations of alkenes leading to oxindole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4070-4073.	2.8	33
20	NIR-induced spatiotemporally controlled gene silencing by upconversion nanoparticle-based siRNA nanocarrier. <i>Journal of Controlled Release</i> , 2018, 282, 148-155.	9.9	30
21	Carboplatin-Complexed and cRGD-Conjugated Unimolecular Nanoparticles for Targeted Ovarian Cancer Therapy. <i>Macromolecular Bioscience</i> , 2017, 17, 1600292.	4.1	28
22	pH-Responsive Polymer Nanoparticles for Efficient Delivery of Cas9 Ribonucleoprotein With or Without Donor DNA. <i>Advanced Materials</i> , 2022, 34, e2110618.	21.0	26
23	Crosslinked polymer nanocapsules for therapeutic, diagnostic, and theranostic applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1653.	6.1	17
24	Intravitreal Delivery of VEGF-A165-loaded PLGA Microparticles Reduces Retinal Vaso-Obliteration in an In Vivo Mouse Model of Retinopathy of Prematurity. <i>Current Eye Research</i> , 2019, 44, 275-286.	1.5	16
25	Poly[(Butyl acrylate)- <i>co</i> -(butyl methacrylate)] as Transparent Tribopositive Material for High-Performance Hydrogel-Based Triboelectric Nanogenerators. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5219-5227.	4.4	15
26	Biomimetic, ROS-detonable nanoclusters – A multimodal nanoplatform for anti-restenotic therapy. <i>Journal of Controlled Release</i> , 2021, 338, 295-306.	9.9	13
27	External stimuli-responsive nanoparticles for spatially and temporally controlled delivery of CRISPR-Cas genome editors. <i>Biomaterials Science</i> , 2021, 9, 6012-6022.	5.4	7
28	An adventitial painting modality of local drug delivery to abate intimal hyperplasia. <i>Biomaterials</i> , 2021, 275, 120968.	11.4	7
29	Rhodium-Catalyzed Desulfination of Sodium Arenesulfonates and Oxidative Annulation with Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 489-499.	4.3	6
30	Injectable Hydrogel Capable of In Situ Covalent Crosslinking for Permanent Embolization. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 56988-56999.	8.0	6
31	Copper-Catalyzed Domino Synthesis of 4-Oxopyrimido[1,2- <i>a</i> ]indole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2928-2935.	4.3	5
32	Double-Network Nanogel as a Nonviral Vector for DNA Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 42865-42872.	8.0	5