

# Yong Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,159  
citations

304743

22  
h-index

243625

44  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic siRNA: state of the art. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 101.	17.1	674
2	Biodegradable Charge Transfer Complexes for Glutathione Depletion Induced Ferroptosis and NIR-Photoacoustic Imaging Guided Cancer Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8157-8163.	13.8	135
3	APC-activated long noncoding RNA inhibits colorectal carcinoma pathogenesis through reduction of exosome production. <i>Journal of Clinical Investigation</i> , 2019, 129, 727-743.	8.2	114
4	Graphene and Au NPs co-mediated enzymatic silver deposition for the ultrasensitive electrochemical detection of cholesterol. <i>Biosensors and Bioelectronics</i> , 2018, 102, 560-567.	10.1	97
5	Label-free electrochemical aptasensor for detection of alpha-fetoprotein based on AFP-aptamer and thionin/reduced graphene oxide/gold nanoparticles. <i>Analytical Biochemistry</i> , 2018, 547, 37-44.	2.4	68
6	Injectable hydrogel for postoperative synergistic photothermal-chemodynamic tumor and anti-infection therapy. <i>Biomaterials</i> , 2022, 280, 121289.	11.4	68
7	POD Nanozyme optimized by charge separation engineering for light/pH activated bacteria catalytic/photodynamic therapy. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 86.	17.1	59
8	A Fe <sub>3</sub> O <sub>4</sub> @Au-based pseudo-homogeneous electrochemical immunosensor for AFP measurement using AFP antibody-GNPs-HRP as detection probe. <i>Analytical Biochemistry</i> , 2017, 534, 56-63.	2.4	54
9	A general in-situ reduction method to prepare core-shell liquid-metal / metal nanoparticles for photothermally enhanced catalytic cancer therapy. <i>Biomaterials</i> , 2021, 277, 121125.	11.4	52
10	Aptamer-Functionalized Fluorescent Silica Nanoparticles for Highly Sensitive Detection of Leukemia Cells. <i>Nanoscale Research Letters</i> , 2016, 11, 298.	5.7	46
11	Rapamycin loaded magnetic Fe <sub>3</sub> O <sub>4</sub> /carboxymethylchitosan nanoparticles as tumor-targeted drug delivery system: Synthesis and in vitro characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 379-388.	5.0	41
12	Folate-modified Chitosan Nanoparticles Containing the IP-10 Gene Enhance Melanoma-specific Cytotoxic CD8 <sup>+</sup> CD28 <sup>+</sup> T Lymphocyte Responses. <i>Theranostics</i> , 2016, 6, 752-761.	10.0	40
13	Ferroptosis: an iron-dependent cell death form linking metabolism, diseases, immune cell and targeted therapy. <i>Clinical and Translational Oncology</i> , 2022, 24, 1-12.	2.4	40
14	Non-enzymatic electrochemical hydrogen peroxide biosensor based on reduction graphene oxide-persimmon tannin-platinum nanocomposite. <i>Materials Science and Engineering C</i> , 2018, 92, 590-598.	7.3	36
15	Aptamer Combined with Fluorescent Silica Nanoparticles for Detection of Hepatoma Cells. <i>Nanoscale Research Letters</i> , 2017, 12, 96.	5.7	34
16	On-demand drug release nanoplatfrom based on fluorinated aza-BODIPY for imaging-guided chemo-phototherapy. <i>Biomaterials</i> , 2020, 256, 120211.	11.4	33
17	Proton-Driven Transformable <sup>1</sup> O <sub>2</sub> Nanotrap for Dark and Hypoxia Tolerant Photodynamic Therapy. <i>Advanced Science</i> , 2022, 9, e2200128.	11.2	33
18	Multishell Nanoparticles with $\alpha$ -Linkage Mechanism for Thermal Responsive Photodynamic and Gas Synergistic Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002038.	7.6	31

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19	A New Theranostic System Based on Endoglin Aptamer Conjugated Fluorescent Silica Nanoparticles. <i>Theranostics</i> , 2017, 7, 4862-4876.	10.0	30
20	Amperometric cholesterol biosensor based on reduction graphene oxide-chitosan-ferrocene/platinum nanoparticles modified screen-printed electrode. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	29
21	Aptamer-based biosensors and application in tumor theranostics. <i>Cancer Science</i> , 2022, 113, 7-16.	3.9	29
22	$\text{Fe}_2\text{O}_3$ Loading Mitoxantrone and Glucose Oxidase for pH-Responsive Chemo/Chemodynamic/Photothermal Synergistic Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102632.	7.6	27
23	Application of Newcastle disease virus in the treatment of colorectal cancer. <i>World Journal of Clinical Cases</i> , 2019, 7, 2143-2154.	0.8	24
24	Current Strategies for Tumor Photodynamic Therapy Combined With Immunotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 738323.	2.8	24
25	Efficient targeted tumor imaging and secreted endostatin gene delivery by anti-CD105 immunoliposomes. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 42.	8.6	22
26	PEGylated immunoliposome-loaded endoglin single-chain antibody enhances anti-tumor capacity of porcine $\beta$ 1,3GT gene. <i>Biomaterials</i> , 2019, 217, 119231.	11.4	19
27	A comprehensive rat transcriptome built from large scale RNA-seq-based annotation. <i>Nucleic Acids Research</i> , 2020, 48, 8320-8331.	14.5	19
28	Biodegradable Charge-Transfer Complexes for Glutathione Depletion Induced Ferroptosis and NIR-II Photoacoustic Imaging Guided Cancer Photothermal Therapy. <i>Angewandte Chemie</i> , 2021, 133, 8238-8244.	2.0	18
29	A Graphene Oxide-Based Fluorescent Aptasensor for the Turn-on Detection of CCRF-CEM. <i>Nanoscale Research Letters</i> , 2018, 13, 66.	5.7	17
30	A Dual Targeting Magnetic Nanoparticle for Human Cancer Detection. <i>Nanoscale Research Letters</i> , 2019, 14, 228.	5.7	16
31	Advances in the Study of Antitumour Immunotherapy for Newcastle Disease Virus. <i>International Journal of Medical Sciences</i> , 2021, 18, 2294-2302.	2.5	16
32	Magnetic Endoglin Aptamer Nanoprobe for Targeted Diagnosis of Solid Tumor. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 352-362.	1.1	15
33	A novel label-free terbium( $\text{III}$ )-aptamer based aptasensor for ultrasensitive and highly specific detection of acute lymphoma leukemia cells. <i>Analyst</i> , 2019, 144, 3843-3852.	3.5	14
34	Generation of in situ CRISPR-mediated primary and metastatic cancer from monkey liver. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 411.	17.1	14
35	Dual roles of granzyme B. <i>Scandinavian Journal of Immunology</i> , 2021, 94, e13086.	2.7	13
36	Isolation of Fibroblast-Activation Protein-Specific Cancer-Associated Fibroblasts. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	12

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37	A fluorescence aptasensor based on GSH@GQDs and RGO for the detection of Glypican-3. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120798.	3.9	12
38	Colorimetric detection of 1,5-anhydroglucitol based on graphene quantum dots and enzyme-catalyzed reaction. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 1217-1224.	7.5	11
39	BSA-Coated Gold Nanorods for NIR-II Photothermal Therapy. <i>Nanoscale Research Letters</i> , 2021, 16, 170.	5.7	11
40	CDC7 as a novel biomarker and druggable target in cancer. <i>Clinical and Translational Oncology</i> , 2022, 24, 1856-1864.	2.4	11
41	Radiation Changes the Metabolic Profiling of Melanoma Cell Line B16. <i>PLoS ONE</i> , 2016, 11, e0162917.	2.5	10
42	Collagen I enhances the efficiency and anti-tumor activity of dendritic-tumor fusion cells. <i>Oncoimmunology</i> , 2017, 6, e1361094.	4.6	9
43	Antigen-Presenting Hybrid Colloidal Crystal Clusters for Promoting T cells Expansion. <i>Small</i> , 2021, 17, e2006955.	10.0	9
44	Oncolytic adenovirus: A tool for reversing the tumor microenvironment and promoting cancer treatment (Review). <i>Oncology Reports</i> , 2021, 45, .	2.6	9
45	Platelets for cancer treatment and drug delivery. <i>Clinical and Translational Oncology</i> , 2022, 24, 1231-1237.	2.4	9
46	Development and application of reverse genetic technology for the influenza virus. <i>Virus Genes</i> , 2021, 57, 151-163.	1.6	8
47	Oncolytic viral vectors in the era of diversified cancer therapy: from preclinical to clinical. <i>Clinical and Translational Oncology</i> , 2022, 24, 1682-1701.	2.4	7
48	The Tree Shrew as a Model for Cancer Research. <i>Frontiers in Oncology</i> , 2021, 11, 653236.	2.8	6
49	CD105: tumor diagnosis, prognostic marker and future tumor therapeutic target. <i>Clinical and Translational Oncology</i> , 2022, 24, 1447-1458.	2.4	6
50	Oncolytic therapy and gene therapy for cancer: recent advances in antitumor effects of Newcastle disease virus. <i>Discovery Medicine</i> , 2020, 30, 39-48.	0.5	5
51	Current strategies of virotherapy in clinical trials for cancer treatment. <i>Journal of Medical Virology</i> , 2021, 93, 4668-4692.	5.0	4
52	Application of Molecular Nanoprobes in the Analysis of Differentially Expressed Genes and Prognostic Models of Primary Hepatocellular Carcinoma. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 1020-1033.	1.1	4
53	Identification of co-expression hub genes for ferroptosis in kidney renal clear cell carcinoma based on weighted gene co-expression network analysis and The Cancer Genome Atlas clinical data. <i>Scientific Reports</i> , 2022, 12, 4821.	3.3	4
54	Human endoglin-CD3 bispecific T cell engager antibody induces anti-tumor effect <i>in vivo</i> . <i>Theranostics</i> , 2021, 11, 6393-6406.	10.0	3

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55	CRISPR/Cas9 Tumor Targeting Technology. Journal of Nanoscience and Nanotechnology, 2016, 16, 12086-12098.	0.9	2
56	Advances of aptamer-based clinical applications for the diagnosis and therapy of cancer. Discovery Medicine, 2020, 29, 169-180.	0.5	2
57	Progress in Application of Nanotechnology in Sorafenib. Journal of Biomedical Nanotechnology, 2021, 17, 529-557.	1.1	1
58	A direct immunohistochemistry (IHC) method improves the intraoperative diagnosis of breast papillary lesions including breast cancer. Discovery Medicine, 2019, 28, 87-93.	0.5	1
59	Predicting the prognosis of liver cancer patients based on cell differentiation trajectory and application of nanomaterials in treatment. Minerva Surgery, 2021, , .	0.6	1
60	Quantum dot/pMHC multimers vs. phycoerythrin/pMHC tetramers for identification of HLA-A*0201-restricted pHBV core antigen18â€²-specific T cells. Molecular Medicine Reports, 2017, 16, 8605-8612.	2.4	0
61	Clinical Application of Tumor Vascular Disrupting Therapy: A Systematic Review and Meta-Analysis. OncoTargets and Therapy, 2021, Volume 14, 5085-5093.	2.0	0
62	Prospects of TIM-3 as a Promising Diagnostic and Prognostic Biomarker for Cancer Patients.. Discovery Medicine, 2021, 31, 15-20.	0.5	0