

# Gang Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/793899/publications.pdf>

Version: 2024-02-01

23  
papers

3,317  
citations

361413

20  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

5593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-Targeted Inhibition of Monocarboxylate Transporter 1 Improves T-Cell Immunotherapy of Solid Tumors. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000549.	7.6	47
2	PET imaging of occult tumours by temporal integration of tumour-acidosis signals from pH-sensitive <sup>64</sup> Cu-labelled polymers. <i>Nature Biomedical Engineering</i> , 2020, 4, 314-324.	22.5	48
3	Polycarbonate-based ultra-pH sensitive nanoparticles improve therapeutic window. <i>Nature Communications</i> , 2020, 11, 5828.	12.8	49
4	Detection of Lymph Node Metastases by Ultra-pH-Sensitive Polymeric Nanoparticles. <i>Theranostics</i> , 2020, 10, 3340-3350.	10.0	19
5	Cooperativity Principles in Self-Assembled Nanomedicine. <i>Chemical Reviews</i> , 2018, 118, 5359-5391.	47.7	129
6	Optical molecular imaging for tumor detection and image-guided surgery. <i>Biomaterials</i> , 2018, 157, 62-75.	11.4	178
7	A STING-activating nanovaccine for cancer immunotherapy. <i>Nature Nanotechnology</i> , 2017, 12, 648-654.	31.5	649
8	A transistor-like pH nanoprobe for tumour detection and image-guided surgery. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	163
9	A Redox-Activatable Fluorescent Sensor for the High-Throughput Quantification of Cytosolic Delivery of Macromolecules. <i>Angewandte Chemie</i> , 2017, 129, 1339-1343.	2.0	6
10	A Redox-Activatable Fluorescent Sensor for the High-Throughput Quantification of Cytosolic Delivery of Macromolecules. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1319-1323.	13.8	30
11	Digitization of Endocytic pH by Hybrid Ultra-pH-Sensitive Nanoprobes at Single-Organelle Resolution. <i>Advanced Materials</i> , 2017, 29, 1603794.	21.0	69
12	Investigation of endosome and lysosome biology by ultra pH-sensitive nanoprobes. <i>Advanced Drug Delivery Reviews</i> , 2017, 113, 87-96.	13.7	135
13	Small-molecule TFEB pathway agonists that ameliorate metabolic syndrome in mice and extend <i>C. elegans</i> lifespan. <i>Nature Communications</i> , 2017, 8, 2270.	12.8	121
14	Non-covalent interactions in controlling pH-responsive behaviors of self-assembled nanosystems. <i>Polymer Chemistry</i> , 2016, 7, 5949-5956.	3.9	55
15	Molecular basis of cooperativity in pH-triggered supramolecular self-assembly. <i>Nature Communications</i> , 2016, 7, 13214.	12.8	98
16	Lysosome-oriented, dual-stage pH-responsive polymeric micelles for Î²-lapachone delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7429-7440.	5.8	10
17	Esterase-activatable Î²-lapachone prodrug micelles for NQO1-targeted lung cancer therapy. <i>Journal of Controlled Release</i> , 2015, 200, 201-211.	9.9	88
18	A nanobuffer reporter library for fine-scale imaging and perturbation of endocytic organelles. <i>Nature Communications</i> , 2015, 6, 8524.	12.8	71

#	ARTICLE	IF	CITATIONS
19	Nanotechnology-enabled delivery of NQO1 bioactivatable drugs. <i>Journal of Drug Targeting</i> , 2015, 23, 672-680.	4.4	26
20	A nanoparticle-based strategy for the imaging of a broad range of tumours by nonlinear amplification of microenvironment signals. <i>Nature Materials</i> , 2014, 13, 204-212.	27.5	695
21	Ultra-pH-Sensitive Nanoprobe Library with Broad pH Tunability and Fluorescence Emissions. <i>Journal of the American Chemical Society</i> , 2014, 136, 11085-11092.	13.7	241
22	Superparamagnetic Iron Oxide Nanoparticles: Amplifying ROS Stress to Improve Anticancer Drug Efficacy. <i>Theranostics</i> , 2013, 3, 116-126.	10.0	277
23	A novel strategy for surface modification of superparamagnetic iron oxide nanoparticles for lung cancer imaging. <i>Journal of Materials Chemistry</i> , 2009, 19, 6367.	6.7	89