

# Xuanjun Wu

## List of Publications by Year in descending order

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29  
papers

937  
citations

430874

18  
h-index

477307

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docs citations

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times ranked

1284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of sialic acid conjugates of the clinical near-infrared dye as next-generation theranostics for cancer phototherapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 927-934.	5.8	4
2	Structure Guided Design of Bacteriophage Q $\beta$ Mutants as Next Generation Carriers for Conjugate Vaccines. <i>ACS Chemical Biology</i> , 2022, 17, 3047-3058.	3.4	10
3	Synthesis and immunological evaluation of synthetic peptide based anti-SARS-CoV-2 vaccine candidates. <i>Chemical Communications</i> , 2021, 57, 1474-1477.	4.1	15
4	A versatile photothermal vaccine based on acid-responsive glyco-nanoplatform for synergistic therapy of cancer. <i>Biomaterials</i> , 2021, 273, 120792.	11.4	19
5	Developing Acid-Responsive Glyco-Nanoplatform Based Vaccines for Enhanced Cytotoxic T-Lymphocyte Responses Against Cancer and SARS-CoV-2. <i>Advanced Functional Materials</i> , 2021, 31, 2105059.	14.9	13
6	Chemoenzymatic Synthesis of 9NHAc-GD2 Antigen to Overcome the Hydrolytic Instability of O-Acetylated-GD2 for Anticancer Conjugate Vaccine Development. <i>Angewandte Chemie</i> , 2021, 133, 24381.	2.0	2
7	Chemoenzymatic Synthesis of 9NHAc-GD2 Antigen to Overcome the Hydrolytic Instability of O-Acetylated-GD2 for Anticancer Conjugate Vaccine Development. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24179-24188.	13.8	21
8	Synthesis and immunological evaluation of the unnatural $\beta$ -linked mucin-1 Thomsen-Friedenreich conjugate. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2448-2455.	2.8	17
9	Synthesis of Carboxy-Dimethylmaleic Amide Linked Polymer Conjugate Based Ultra-pH-sensitive Nanoparticles for Enhanced Antitumor Immunotherapy. <i>ACS Macro Letters</i> , 2020, 9, 1693-1699.	4.8	10
10	Glycoengineering of Natural Killer Cells with CD22 Ligands for Enhanced Anticancer Immunotherapy. <i>ACS Central Science</i> , 2020, 6, 382-389.	11.3	49
11	Synthesis and Immunological Evaluation of Disaccharide Bearing MUC-1 Glycopeptide Conjugates with Virus-like Particles. <i>ACS Chemical Biology</i> , 2019, 14, 2176-2184.	3.4	46
12	Protective Epitope Discovery and Design of MUC1-based Vaccine for Effective Tumor Protections in Immunotolerant Mice. <i>Journal of the American Chemical Society</i> , 2018, 140, 16596-16609.	13.7	68
13	Antitumor Humoral and T Cell Responses by Mucin-1 Conjugates of Bacteriophage Q $\beta$ in Wild-type Mice. <i>ACS Chemical Biology</i> , 2018, 13, 1668-1676.	3.4	35
14	Evaluation of Virus-Like Particle-Based Tumor-Associated Carbohydrate Immunogen in a Mouse Tumor Model. <i>Methods in Enzymology</i> , 2017, 597, 359-376.	1.0	12
15	Redirecting immunity via covalently incorporated immunogenic sialic acid on the tumor cell surface. <i>Chemical Science</i> , 2016, 7, 3737-3741.	7.4	20
16	Valency and density matter: Deciphering impacts of immunogen structures on immune responses against a tumor associated carbohydrate antigen using synthetic glycopolymers. <i>Biomaterials</i> , 2016, 101, 189-198.	11.4	21
17	A carbohydrate-grafted nanovesicle with activatable optical and acoustic contrasts for dual modality high performance tumor imaging. <i>Chemical Science</i> , 2015, 6, 2002-2009.	7.4	37
18	Lysosomal pH Decrease in Inflammatory Cells Used To Enable Activatable Imaging of Inflammation with a Sialic Acid Conjugated Profluorophore. <i>Analytical Chemistry</i> , 2015, 87, 6688-6695.	6.5	39

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19	A sialic acid-targeted near-infrared theranostic for signal activation based intraoperative tumor ablation. <i>Chemical Science</i> , 2015, 6, 798-803.	7.4	67
20	A near-infrared fluorescence dye for sensitive detection of hydrogen sulfide in serum. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 314-316.	2.2	18
21	A targetable acid-responsive micellar system for signal activation based high performance surgical resolution of tumors. <i>Biomaterials Science</i> , 2014, 2, 972-979.	5.4	27
22	A fluorescently labelled sialic acid for high performance intraoperative tumor detection. <i>Biomaterials Science</i> , 2014, 2, 1120-1127.	5.4	26
23	Benzothiazoline based chemodosimeters for fluorogenic detection of hypochlorous acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4354-4357.	2.2	22
24	Traceless protein delivery with an efficient recyclable nanocarrier. <i>Biomaterials Science</i> , 2013, 1, 918.	5.4	8
25	A self-referenced nanodosimeter for reaction based ratiometric imaging of hypochlorous acid in living cells. <i>Chemical Science</i> , 2013, 4, 460-467.	7.4	121
26	A highly sensitive fluorogenic chemodosimeter for rapid visual detection of phosgene. <i>Chemical Communications</i> , 2012, 48, 1895.	4.1	81
27	Cytosolic delivery of proteins mediated by aldehyde-displaying silica nanoparticles with pH-responsive characteristics. <i>Journal of Materials Chemistry</i> , 2012, 22, 17121.	6.7	17
28	A rhodamine-deoxylactam based sensor for chromo-fluorogenic detection of nerve agent simulant. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6358-6361.	2.2	25
29	Chromogenic and fluorogenic detection of a nerve agent simulant with a rhodamine-deoxylactam based sensor. <i>Chemical Communications</i> , 2011, 47, 11468.	4.1	87