

# Yun Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,734  
citations

257450

24  
h-index

276875

41  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3169  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA Delivery by Cationic Lipoplexes for Lung Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2011, 8, 1381-1389.	4.6	162
2	Metabolic reprogramming of stromal fibroblasts by melanoma exosome microRNA favours a pre-metastatic microenvironment. <i>Scientific Reports</i> , 2018, 8, 12905.	3.3	135
3	Sensitive Detection of Exosomal Proteins via a Compact Surface Plasmon Resonance Biosensor for Cancer Diagnosis. <i>ACS Sensors</i> , 2018, 3, 1471-1479.	7.8	116
4	Physiologically Based Pharmacokinetic Modeling of Nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 58-72.	3.3	105
5	Purity and yield of melanoma exosomes are dependent on isolation method. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1692401.	12.2	99
6	An Immuno-Biochip Selectively Captures Tumor-Derived Exosomes and Detects Exosomal RNAs for Cancer Diagnosis. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 43375-43386.	8.0	86
7	Review on photoacoustic imaging of the brain using nanoprobe. <i>Neurophotonics</i> , 2016, 3, 010901.	3.3	76
8	Biodegradable zwitterionic sulfobetaine polymer and its conjugate with paclitaxel for sustained drug delivery. <i>Acta Biomaterialia</i> , 2017, 64, 290-300.	8.3	62
9	Recent Advances in Exosomal Protein Detection Via Liquid Biopsy Biosensors for Cancer Screening, Diagnosis, and Prognosis. <i>AAPS Journal</i> , 2018, 20, 41.	4.4	61
10	Detection of Extracellular RNAs in Cancer and Viral Infection via Tethered Cationic Lipoplex Nanoparticles Containing Molecular Beacons. <i>Analytical Chemistry</i> , 2013, 85, 11265-11274.	6.5	56
11	Coaxial Electrohydrodynamic Spraying: A Novel One-Step Technique To Prepare Oligodeoxynucleotide Encapsulated Lipoplex Nanoparticles. <i>Molecular Pharmaceutics</i> , 2009, 6, 1371-1379.	4.6	50
12	Pharmacokinetics and Pharmacodynamics Modeling and Simulation Systems to Support the Development and Regulation of Liposomal Drugs. <i>Pharmaceutics</i> , 2019, 11, 110.	4.5	49
13	High-sensitivity nanophotonic sensors with passive trapping of analyte molecules in hot spots. <i>Light: Science and Applications</i> , 2021, 10, 5.	16.6	40
14	A novel liposomal formulation of FTY720 (Fingolimod) for promising enhanced targeted delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 393-400.	3.3	34
15	Switchable Photoacoustic Imaging of Glutathione Using MnO <sub>2</sub> Nanotubes for Cancer Diagnosis. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 44231-44239.	8.0	34
16	Tumor-Targeted Nanoparticles Deliver a Vitamin D-Based Drug Payload for the Treatment of EGFR Tyrosine Kinase Inhibitor-Resistant Lung Cancer. <i>Molecular Pharmaceutics</i> , 2018, 15, 3216-3226.	4.6	34
17	Static Micromixer-Enabled Coaxial Electrospray Synthesis of Theranostic Lipoplexes. <i>ACS Nano</i> , 2012, 6, 2245-2252.	14.6	33
18	MnO <sub>2</sub> Nanotube-Based NanoSearchlight for Imaging of Multiple MicroRNAs in Live Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 23325-23332.	8.0	33

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19	A Multiscale Physiologically-Based Pharmacokinetic Model for Doxorubicin to Explore its Mechanisms of Cytotoxicity and Cardiotoxicity in Human Physiological Contexts. <i>Pharmaceutical Research</i> , 2018, 35, 174.	3.5	33
20	Selective targeting of alveolar type II respiratory epithelial cells by anti-surfactant protein-C antibody-conjugated lipoplexes. <i>Journal of Controlled Release</i> , 2015, 203, 140-149.	9.9	30
21	Uptake and Intracellular Fate of Multifunctional Nanoparticles: A Comparison between Lipoplexes and Polyplexes via Quantum Dot Mediated Förster Resonance Energy Transfer. <i>Molecular Pharmaceutics</i> , 2011, 8, 1662-1668.	4.6	29
22	Conjugation Magnetic PAEEP-PLLA Nanoparticles with Lactoferrin as a Specific Targeting MRI Contrast Agent for Detection of Brain Glioma in Rats. <i>Nanoscale Research Letters</i> , 2016, 11, 227.	5.7	28
23	Non-invasive Detection of Exosomal MicroRNAs via Tethered Cationic Lipoplex Nanoparticles (tCLN) Biochip for Lung Cancer Early Detection. <i>Frontiers in Genetics</i> , 2020, 11, 258.	2.3	28
24	Sodium cholate-enhanced polymeric micelle system for tumor-targeting delivery of paclitaxel. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 8779-8799.	6.7	27
25	Lung Microtissue Array to Screen the Fibrogenic Potential of Carbon Nanotubes. <i>Scientific Reports</i> , 2016, 6, 31304.	3.3	25
26	Ultrafast Detection of Exosomal RNAs via Cationic Lipoplex Nanoparticles in a Micromixer Biochip for Cancer Diagnosis. <i>ACS Applied Nano Materials</i> , 2021, 4, 2806-2819.	5.0	24
27	Coaxial electrohydrodynamic spraying of plasmid DNA/polyethylenimine (PEI) polyplexes for enhanced nonviral gene delivery. <i>Biotechnology and Bioengineering</i> , 2010, 105, 834-841.	3.3	22
28	Plasmonic Interferometer Array Biochip as a New Mobile Medical Device for Cancer Detection. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-7.	2.9	21
29	Extracellular sialyltransferase st6gal1 in breast tumor cell growth and invasiveness. <i>Cancer Gene Therapy</i> , 2022, 29, 1662-1675.	4.6	21
30	Effect of Nonendocytic Uptake of Nanoparticles on Human Bronchial Epithelial Cells. <i>Analytical Chemistry</i> , 2015, 87, 3208-3215.	6.5	20
31	A sulfobetaine zwitterionic polymer-drug conjugate for multivalent paclitaxel and gemcitabine co-delivery. <i>Biomaterials Science</i> , 2021, 9, 5000-5010.	5.4	18
32	Nanoparticles increase the efficacy of cancer chemopreventive agents in cells exposed to cigarette smoke condensate. <i>Carcinogenesis</i> , 2015, 36, 368-377.	2.8	17
33	In Vitro Pulmonary Toxicity of Reduced Graphene Oxide-Nano Zero Valent Iron Nanohybrids and Comparison with Parent Nanomaterial Attributes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12797-12806.	6.7	16
34	Zwitterionic Cross-Linked Biodegradable Nanocapsules for Cancer Imaging. <i>Langmuir</i> , 2019, 35, 1440-1449.	3.5	16
35	A multifunctional biodegradable brush polymer-drug conjugate for paclitaxel/gemcitabine co-delivery and tumor imaging. <i>Nanoscale Advances</i> , 2019, 1, 2761-2771.	4.6	16
36	Novel lactoferrin-conjugated amphiphilic poly(aminoethyl ethylene phosphate)/poly(L-lactide) copolymer nanobubbles for tumor-targeting ultrasonic imaging. <i>International Journal of Nanomedicine</i> , 2015, 10, 5805.	6.7	14

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37	The Use of Electrohydrodynamic Spraying to Disperse Hydrophobic Compounds in Aqueous Media. <i>Aerosol Science and Technology</i> , 2009, 43, 902-910.	3.1	11
38	Novel DiR and SPIO nanoparticles embedded PEG-PLGA nanobubbles as a multimodal imaging contrast agent. <i>Bio-Medical Materials and Engineering</i> , 2015, 26, S911-S916.	0.6	11
39	Surface-Mediated Nucleic Acid Delivery by Lipoplexes Prepared in Microwell Arrays. <i>Small</i> , 2013, 9, 2358-2367.	10.0	10
40	Mathematical modeling of the heterogeneous distributions of nanomedicines in solid tumors. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 153-164.	4.3	10
41	Well-Defined Diblock Poly(ethylene glycol)-b-Poly( $\epsilon$ -caprolactone)-Based Polymer-Drug Conjugate Micelles for pH-Responsive Delivery of Doxorubicin. <i>Materials</i> , 2020, 13, 1510.	2.9	10
42	A Compact Surface Plasmon Resonance Biosensor for Sensitive Detection of Exosomal Proteins for Cancer Diagnosis. <i>Methods in Molecular Biology</i> , 2022, 2393, 3-14.	0.9	3
43	NP-ALT, a Liposomal:Peptide Drug, Blocks p27Kip1 Phosphorylation to Induce Oxidative Stress, Necroptosis, and Regression in Therapy-Resistant Breast Cancer Cells. <i>Molecular Cancer Research</i> , 2021, 19, 1929-1945.	3.4	2
44	Gene Delivery: Nonendocytic Delivery of Lipoplex Nanoparticles into Living Cells Using Nanochannel Electroporation ( <i>Adv. Healthcare Mater.</i> 5/2014). <i>Advanced Healthcare Materials</i> , 2014, 3, 622-622.	7.6	1
45	Opportunities for Antigen Discovery in Metastatic Breast Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 570049.	4.8	1
46	Abstract P5-16-18: Developing IpY: A novel inhibitor for the treatment of ER+ CDK4i-resistant breast cancer. <i>Cancer Research</i> , 2022, 82, P5-16-18-P5-16-18.	0.9	1
47	MicroRNA Delivery by Lipoplexes in Lung Cancer Therapy. , 2016, , 261-293.		0
48	Microwell Array-Mediated Delivery of Lipoplexes Containing Nucleic Acids for Enhanced Therapeutic Efficacy. <i>Methods in Molecular Biology</i> , 2015, 1218, 131-142.	0.9	0