

Yun Wu

List of Publications by Year in descending order

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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	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
2	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
3	Extracellular sialyltransferase st6gal1 in breast tumor cell growth and invasiveness. <i>Cancer Gene Therapy</i> , 2022, 29, 1662-1675.	4.6	21
4	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
5	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
6	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
7	A sulfobetaine zwitterionic polymer-drug conjugate for multivalent paclitaxel and gemcitabine co-delivery. <i>Biomaterials Science</i> , 2021, 9, 5000-5010.	5.4	18
8	Purity and yield of melanoma exosomes are dependent on isolation method. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1692401.	12.2	99
9	Opportunities for Antigen Discovery in Metastatic Breast Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 570049.	4.8	1
10	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
11	Well-Defined Diblock Poly(ethylene glycol)-b-Poly(ϵ -caprolactone)-Based Polymer-Drug Conjugate Micelles for pH-Responsive Delivery of Doxorubicin. <i>Materials</i> , 2020, 13, 1510.	2.9	10
12	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
13	Zwitterionic Cross-Linked Biodegradable Nanocapsules for Cancer Imaging. <i>Langmuir</i> , 2019, 35, 1440-1449.	3.5	16
14	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
15	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
16	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
17	Physiologically Based Pharmacokinetic Modeling of Nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 58-72.	3.3	105
18	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

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19	An Immuno-Biochip Selectively Captures Tumor-Derived Exosomes and Detects Exosomal RNAs for Cancer Diagnosis. ACS Applied Materials & Interfaces, 2018, 10, 43375-43386.	8.0	86
20	Switchable Photoacoustic Imaging of Glutathione Using MnO ₂ Nanotubes for Cancer Diagnosis. ACS Applied Materials & Interfaces, 2018, 10, 44231-44239.	8.0	34
21	Sensitive Detection of Exosomal Proteins via a Compact Surface Plasmon Resonance Biosensor for Cancer Diagnosis. ACS Sensors, 2018, 3, 1471-1479.	7.8	116
22	A Multiscale Physiologically-Based Pharmacokinetic Model for Doxorubicin to Explore its Mechanisms of Cytotoxicity and Cardiotoxicity in Human Physiological Contexts. Pharmaceutical Research, 2018, 35, 174.	3.5	33
23	Metabolic reprogramming of stromal fibroblasts by melanoma exosome microRNA favours a pre-metastatic microenvironment. Scientific Reports, 2018, 8, 12905.	3.3	135
24	<i>In Vitro</i> Pulmonary Toxicity of Reduced Graphene Oxide-Nano Zero Valent Iron Nanohybrids and Comparison with Parent Nanomaterial Attributes. ACS Sustainable Chemistry and Engineering, 2018, 6, 12797-12806.	6.7	16
25	Tumor-Targeted Nanoparticles Deliver a Vitamin D-Based Drug Payload for the Treatment of EGFR Tyrosine Kinase Inhibitor-Resistant Lung Cancer. Molecular Pharmaceutics, 2018, 15, 3216-3226.	4.6	34
26	MnO ₂ Nanotube-Based NanoSearchlight for Imaging of Multiple MicroRNAs in Live Cells. ACS Applied Materials & Interfaces, 2017, 9, 23325-23332.	8.0	33
27	Biodegradable zwitterionic sulfobetaine polymer and its conjugate with paclitaxel for sustained drug delivery. Acta Biomaterialia, 2017, 64, 290-300.	8.3	62
28	Sodium cholate-enhanced polymeric micelle system for tumor-targeting delivery of paclitaxel. International Journal of Nanomedicine, 2017, Volume 12, 8779-8799.	6.7	27
29	Conjugation Magnetic PAEEP-PLLA Nanoparticles with Lactoferrin as a Specific Targeting MRI Contrast Agent for Detection of Brain Glioma in Rats. Nanoscale Research Letters, 2016, 11, 227.	5.7	28
30	Lung Microtissue Array to Screen the Fibrogenic Potential of Carbon Nanotubes. Scientific Reports, 2016, 6, 31304.	3.3	25
31	MicroRNA Delivery by Lipoplexes in Lung Cancer Therapy. , 2016, , 261-293.		0
32	Review on photoacoustic imaging of the brain using nanoprobe. Neurophotonics, 2016, 3, 010901.	3.3	76
33	Novel lactoferrin-conjugated amphiphilic poly(aminoethyl ethylene phosphate)/poly(L-lactide) copolymer nanobubbles for tumor-targeting ultrasonic imaging. International Journal of Nanomedicine, 2015, 10, 5805.	6.7	14
34	Novel DiR and SPIO nanoparticles embedded PEG-PLGA nanobubbles as a multimodal imaging contrast agent. Bio-Medical Materials and Engineering, 2015, 26, S911-S916.	0.6	11
35	Selective targeting of alveolar type II respiratory epithelial cells by anti-surfactant protein-C antibody-conjugated lipoplexes. Journal of Controlled Release, 2015, 203, 140-149.	9.9	30
36	Nanoparticles increase the efficacy of cancer chemopreventive agents in cells exposed to cigarette smoke condensate. Carcinogenesis, 2015, 36, 368-377.	2.8	17

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37	Effect of Nonendocytic Uptake of Nanoparticles on Human Bronchial Epithelial Cells. <i>Analytical Chemistry</i> , 2015, 87, 3208-3215.	6.5	20
38	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
39	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
40	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
41	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
42	Surface-Mediated Nucleic Acid Delivery by Lipoplexes Prepared in Microwell Arrays. <i>Small</i> , 2013, 9, 2358-2367.	10.0	10
43	Static Micromixer-Coaxial Electrospray Synthesis of Theranostic Lipoplexes. <i>ACS Nano</i> , 2012, 6, 2245-2252.	14.6	33
44	MicroRNA Delivery by Cationic Lipoplexes for Lung Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2011, 8, 1381-1389.	4.6	162
45	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
46	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
47	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
48	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