

Yuhong Xu

List of Publications by Year in descending order

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73
papers

4,050
citations

186209

28
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114418

63
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74
all docs

74
docs citations

74
times ranked

5326
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodistribution and Non-linear Gene Expression of mRNA LNPs Affected by Delivery Route and Particle Size. <i>Pharmaceutical Research</i> , 2022, 39, 105-114.	1.7	48
2	Sustained Drug Release From Liposomes for the Remodeling of Systemic Immune Homeostasis and the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2022, 13, 829391.	2.2	5
3	Elevated HB β -EGF expression in neural stem cells causes middle age obesity by suppressing Hypocretin/Orexin expression. <i>FASEB Journal</i> , 2021, 35, e21345.	0.2	2
4	Size-Dependent Absorption through Stratum Corneum by Drug-Loaded Liposomes. <i>Pharmaceutical Research</i> , 2021, 38, 1429-1437.	1.7	15
5	Surface Ligand Valency and Immunoliposome Binding: when More Is Not Always Better. <i>Pharmaceutical Research</i> , 2021, 38, 1593-1600.	1.7	4
6	Stable Loading and Delivery of Melittin with Lipid-Coated Polymeric Nanoparticles for Effective Tumor Therapy with Negligible Systemic Toxicity. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55902-55912.	4.0	14
7	Reimaging biological barriers affecting distribution and extravasation of PEG/peptide- modified liposomes in xenograft SMMC7721 tumor. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 546-556.	5.7	11
8	Optimized Anti- α -Prostate-Specific Membrane Antigen Single-Chain Variable Fragment-Loaded Nanobubbles as a Novel Targeted Ultrasound Contrast Agent for the Diagnosis of Prostate Cancer. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 761-773.	0.8	7
9	Solubilization and delivery of Ursolic-acid for modulating tumor microenvironment and regulatory T cell activities in cancer immunotherapy. <i>Journal of Controlled Release</i> , 2020, 320, 168-178.	4.8	45
10	Multi-functional self-assembled nanoparticles for pVEGF-shRNA loading and anti-tumor targeted therapy. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118898.	2.6	19
11	When liposomes met antibodies: Drug delivery and beyond. <i>Advanced Drug Delivery Reviews</i> , 2020, 154-155, 151-162.	6.6	51
12	The effects of season change and fasting on Brown adipose tissue FDG-PET in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 398-403.	1.0	4
13	The Labeling, Visualization, and Quantification of Hyaluronan Distribution in Tumor-Bearing Mouse Using PET and MR Imaging. <i>Pharmaceutical Research</i> , 2020, 37, 237.	1.7	0
14	Oral uptake and persistence of the FnAb-8 protein characterized by in situ radio-labeling and PET/CT imaging. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 752-758.	4.3	1
15	A single-valent long-acting human CD47 antagonist enhances antibody directed phagocytic activities. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 2561-2569.	2.0	0
16	Fabrication of antigen-containing nanoparticles using microfluidics with Tesla structure. <i>Electrophoresis</i> , 2020, 41, 902-908.	1.3	7
17	<p>>Self-Assembled Nanoparticles Prepared from Low-Molecular-Weight PEI and Low-Generation PAMAM for EGFRvIII-Chimeric Antigen Receptor Gene Loading and T-Cell Transient Modification</p></p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 483-495.	3.3	32
18	Herceptin-conjugated paclitaxel loaded PCL-PEG worm-like nanocrystal micelles for the combinatorial treatment of HER2-positive breast cancer. <i>Biomaterials</i> , 2019, 222, 119420.	5.7	79

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19	The Delivery of a Wnt Pathway Inhibitor Toward CSCs Requires Stable Liposome Encapsulation and Delayed Drug Release in Tumor Tissues. <i>Molecular Therapy</i> , 2019, 27, 1558-1567.	3.7	18
20	Smart nanoparticles assembled by endogenous molecules for siRNA delivery and cancer therapy via CD44 and EGFR dual-targeting. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 15, 208-217.	1.7	23
21	CpG-PEG Conjugates and their Immune Modulating Effects after Systemic Administration. <i>Pharmaceutical Research</i> , 2018, 35, 80.	1.7	2
22	Selective Targeting and Eradication of LGR5+ Cancer Stem Cells Using RSPO-Conjugated Doxorubicin Liposomes. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1475-1485.	1.9	13
23	Identification of RSPO2 Fusion Mutations and Target Therapy Using a Porcupine Inhibitor. <i>Scientific Reports</i> , 2018, 8, 14244.	1.6	34
24	Bioglass Activated Albumin Hydrogels for Wound Healing. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800144.	3.9	77
25	Multifunctional Hydrogels Prepared by Dual Ion Cross-Linking for Chronic Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16054-16062.	4.0	109
26	Combined chemical and structural signals of biomaterials synergistically activate cell-cell communications for improving tissue regeneration. <i>Acta Biomaterialia</i> , 2017, 55, 249-261.	4.1	41
27	Hepatic Carcinoma Selective Nucleic Acid Nanovector Assembled by Endogenous Molecules Based on Modular Strategy. <i>Molecular Pharmaceutics</i> , 2017, 14, 1841-1851.	2.3	13
28	Electrically Oscillating Plasmonic Nanoparticles for Enhanced DNA Vaccination against Hepatitis C Virus. <i>Advanced Functional Materials</i> , 2017, 27, 1604139.	7.8	25
29	Effect of inserted spacer in hepatic cell-penetrating multifunctional peptide component on the DNA intracellular delivery of quaternary complexes based on modular design. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6283-6295.	3.3	8
30	Sucrose ester based cationic liposomes as effective non-viral gene vectors for gene delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 454-461.	2.5	19
31	Tracking the effect of microspheres size on the drug release from a microsphere/sucrose acetate isobutyrate (SAIB) hybrid depot <i>in vitro</i> and <i>in vivo</i> . <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1455-1465.	0.9	10
32	Single chain antibody fragments with pH dependent binding to FcRn enabled prolonged circulation of therapeutic peptide <i>in vivo</i> . <i>Journal of Controlled Release</i> , 2016, 229, 37-47.	4.8	7
33	Hydrophobic chain modified low molecular weight polyethylenimine for efficient antigen delivery. <i>RSC Advances</i> , 2016, 6, 13636-13643.	1.7	9
34	Bioglass Activated Skin Tissue Engineering Constructs for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 703-715.	4.0	180
35	Dynamic FDG-PET Imaging to Differentiate Malignancies from Inflammation in Subcutaneous and In Situ Mouse Model for Non-Small Cell Lung Carcinoma (NSCLC). <i>PLoS ONE</i> , 2015, 10, e0139089.	1.1	22
36	The Quality of <i>In Vivo</i> Upconversion Fluorescence Signals Inside Different Anatomic Structures. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 325-333.	0.5	10

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37	Redox-responsive micelles self-assembled from dynamic covalent block copolymers for intracellular drug delivery. <i>Acta Biomaterialia</i> , 2015, 17, 193-200.	4.1	74
38	Targeting and liposomal drug delivery to CD40L expressing T cells for treatment of autoimmune diseases. <i>Journal of Controlled Release</i> , 2015, 207, 86-92.	4.8	14
39	A Uniform Ultra-Small Microsphere/SAIB Hybrid Depot with Low Burst Release for Long-Term Continuous Drug Release. <i>Pharmaceutical Research</i> , 2015, 32, 3708-3721.	1.7	15
40	Chitosan oligosaccharide copolymer micelles with double disulphide linkage in the backbone associated by H-bonding duplexes for targeted intracellular drug delivery. <i>Polymer Chemistry</i> , 2015, 6, 1454-1464.	1.9	28
41	Nano Composite Emulsion for Sustained Drug Release and Improved Bioavailability. <i>Pharmaceutical Research</i> , 2014, 31, 2774-2783.	1.7	14
42	Dynamic Covalent Diblock Copolymers: Instructed Coupling, Micellation and Redox Responsiveness. <i>Macromolecules</i> , 2014, 47, 7431-7441.	2.2	23
43	Effects of Surface Displayed Targeting Ligand GE11 on Liposome Distribution and Extravasation in Tumor. <i>Molecular Pharmaceutics</i> , 2014, 11, 3242-3250.	2.3	44
44	A Magnetic Nanoparticle Stabilized Gas Containing Emulsion for Multimodal Imaging and Triggered Drug Release. <i>Pharmaceutical Research</i> , 2014, 31, 1477-1484.	1.7	5
45	Cationic β -lactoglobulin nanoparticles as a bioavailability enhancer: Comparison between ethylenediamine and polyethyleneimine as cationizers. <i>Food Chemistry</i> , 2014, 159, 333-342.	4.2	21
46	Recombinant High Density Lipoprotein Nanoparticles for Target-Specific Delivery of siRNA. <i>Pharmaceutical Research</i> , 2013, 30, 1203-1214.	1.7	28
47	Down-regulated lysosomal processing improved pegylated lipopolyplex-mediated gene transfection. <i>Journal of Gene Medicine</i> , 2013, 15, 182-192.	1.4	8
48	RAFTsomes Containing Epitope-MHC-II Complexes Mediated CD4+ T Cell Activation and Antigen-Specific Immune Responses. <i>Pharmaceutical Research</i> , 2013, 30, 60-69.	1.7	34
49	The distribution and cell uptake of ApoA1 modified lipid carriers of siRNA in mouse liver in vivo. <i>Asian Journal of Pharmaceutical Sciences</i> , 2013, 8, 228-233.	4.3	2
50	Impact of PEGylation on biodistribution and tumor accumulation of Lipid-Mu peptide-DNA. <i>Journal of Liposome Research</i> , 2013, 23, 1-10.	1.5	18
51	Examining the Interactome of Huperzine A by Magnetic Biopanning. <i>PLoS ONE</i> , 2012, 7, e37098.	1.1	4
52	Recombinant high-density lipoprotein nanoparticles containing gadolinium-labeled cholesterol for morphologic and functional magnetic resonance imaging of the liver. <i>International Journal of Nanomedicine</i> , 2012, 7, 3751.	3.3	21
53	Archaeosomes with encapsulated antigens for oral vaccine delivery. <i>Vaccine</i> , 2011, 29, 5260-5266.	1.7	44
54	Improved antigen cross-presentation by polyethyleneimine-based nanoparticles. <i>International Journal of Nanomedicine</i> , 2011, 6, 77.	3.3	58

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55	Isolation and identification of diadenosine 5â€²,5â€²-P1,P4-tetraphosphate binding proteins using magnetic bio-panning. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 7175-7179.	1.0	16
56	Preparation of nanobubbles for ultrasound imaging and intracellular drug delivery. <i>International Journal of Pharmaceutics</i> , 2010, 384, 148-153.	2.6	151
57	Investigation of archaeosomes as carriers for oral delivery of peptides. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 412-417.	1.0	69
58	A synthetic peptide mediated active targeting of cisplatin liposomes to Tie2 expressing cells. <i>Journal of Controlled Release</i> , 2009, 139, 174-181.	4.8	43
59	Novel peptide ligand directs liposomes toward EGFâ€”highâ€”expressing cancer cells <i>in vitro</i> and <i>in vivo</i>. <i>FASEB Journal</i> , 2009, 23, 1396-1404.	0.2	126
60	Peptide ligand-mediated liposome distribution and targeting to EGFR expressing tumor in vivo. <i>International Journal of Pharmaceutics</i> , 2008, 363, 155-161.	2.6	164
61	The effect of charged lipids on bacteriorhodopsin membrane reconstitution and its photochemical activities. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 814-817.	1.0	12
62	Electric pulses applied prior to intramuscular DNA vaccination greatly improve the vaccine immunogenicity. <i>Vaccine</i> , 2007, 25, 2064-2073.	1.7	46
63	Capillary electrophoresis analysis of poly(ethylene glycol) and ligand-modified polylysine gene delivery vectors. <i>Analytical Biochemistry</i> , 2007, 363, 204-209.	1.1	7
64	Anti-HBV immune responses in rhesus macaques elicited by electroporation mediated DNA vaccination. <i>Vaccine</i> , 2006, 24, 897-903.	1.7	33
65	Synthesis and characterization of iron oxide/polymer composite nanoparticles with pendent functional groups. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 51, 101-106.	2.5	25
66	Inhibition of hepatitis B virus replication by various RNAi constructs and their pharmacodynamic properties. <i>Journal of General Virology</i> , 2005, 86, 3227-3234.	1.3	25
67	Identification and characterization of a novel peptide ligand of epidermal growth factor receptor for targeted delivery of therapeutics. <i>FASEB Journal</i> , 2005, 19, 1978-1985.	0.2	342
68	In vivo plasmid DNA electroporation resulted in transfection of satellite cells and lasting transgene expression in regenerated muscle fibers. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1490-1498.	1.0	42
69	A novel small peptide as a targeting ligand for receptor tyrosine kinase Tie2. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 1004-1010.	1.0	11
70	Physicochemical Characterization and Purification of Cationic Lipoplexes. <i>Biophysical Journal</i> , 1999, 77, 341-353.	0.2	225
71	Synthesis and Characterization of Long Chain Alkyl Acyl Carnitine Esters. Potentially Biodegradable Cationic Lipids for Use in Gene Delivery. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 2207-2215.	2.9	125
72	Mechanism of DNA Release from Cationic Liposome/DNA Complexes Used in Cell Transfectionâ€”â€”j. <i>Biochemistry</i> , 1996, 35, 5616-5623.	1.2	1,125

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73	How are Nucleic Acids Released in Cells from Cationic Lipid-Nucleic Acid Complexes?. Journal of Liposome Research, 1996, 6, 567-587.	1.5	44