

Yihui Deng

List of Publications by Year in descending order

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93
papers

3,461
citations

159585

30
h-index

155660

55
g-index

93
all docs

93
docs citations

93
times ranked

4833
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on phospholipids and their main applications in drug delivery systems. <i>Asian Journal of Pharmaceutical Sciences</i> , 2015, 10, 81-98.	9.1	682
2	Phyto-phospholipid complexes (phytosomes): A novel strategy to improve the bioavailability of active constituents. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 265-274.	9.1	149
3	Effect of particle size on solubility, dissolution rate, and oral bioavailability: evaluation using coenzyme Q10 as naked nanocrystals. <i>International Journal of Nanomedicine</i> , 2012, 7, 5733.	6.7	139
4	Progress involving new techniques for liposome preparation. <i>Asian Journal of Pharmaceutical Sciences</i> , 2014, 9, 176-182.	9.1	106
5	Correlation between mouse age and human age in anti-tumor research: Significance and method establishment. <i>Life Sciences</i> , 2020, 242, 117242.	4.3	98
6	Esterase-catalyzed dePEGylation of pH-sensitive vesicles modified with cleavable PEG-lipid derivatives. <i>Journal of Controlled Release</i> , 2008, 130, 238-245.	9.9	97
7	Nanoparticles for tumor immunotherapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 115, 243-256.	4.3	92
8	Fabrication of Î²-carotene nanoemulsion-based delivery systems using dual-channel microfluidization: Physical and chemical stability. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 328-335.	9.4	92
9	Targeted delivery of epirubicin to tumor-associated macrophages by sialic acid-cholesterol conjugate modified liposomes with improved antitumor activity. <i>International Journal of Pharmaceutics</i> , 2017, 523, 203-216.	5.2	81
10	Mannose derivative and lipid A dually decorated cationic liposomes as an effective cold chain free oral mucosal vaccine adjuvant-delivery system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 194-206.	4.3	79
11	Targeted delivery of ibrutinib to tumor-associated macrophages by sialic acid-stearic acid conjugate modified nanocomplexes for cancer immunotherapy. <i>Acta Biomaterialia</i> , 2019, 92, 184-195.	8.3	69
12	Targeted Delivery of Zoledronate to Tumor-Associated Macrophages for Cancer Immunotherapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 2249-2258.	4.6	64
13	Production of highly concentrated oil-in-water emulsions using dual-channel microfluidization: Use of individual and mixed natural emulsifiers (saponin and lecithin). <i>Food Research International</i> , 2017, 96, 103-112.	6.2	58
14	The anticancer efficacy of pixantrone-loaded liposomes decorated with sialic acid-ε-octadecylamine conjugate. <i>Biomaterials</i> , 2014, 35, 5216-5225.	11.4	56
15	Multifunctional liposomes constituting microneedles induced robust systemic and mucosal immunoresponses against the loaded antigens via oral mucosal vaccination. <i>Vaccine</i> , 2015, 33, 4330-4340.	3.8	54
16	Are PEGylated liposomes better than conventional liposomes? A special case for vincristine. <i>Drug Delivery</i> , 2016, 23, 1092-1100.	5.7	51
17	A frustrating problem: Accelerated blood clearance of PEGylated solid lipid nanoparticles following subcutaneous injection in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 506-513.	4.3	50
18	Influence of phospholipid types and animal models on the accelerated blood clearance phenomenon of PEGylated liposomes upon repeated injection. <i>Drug Delivery</i> , 2015, 22, 598-607.	5.7	50

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19	Self-assembled micelles of novel amphiphilic copolymer cholesterol-coupled F68 containing cabazitaxel as a drug delivery system. <i>International Journal of Nanomedicine</i> , 2014, 9, 2307.	6.7	47
20	Repeated injection of PEGylated solid lipid nanoparticles induces accelerated blood clearance in mice and beagles. <i>International Journal of Nanomedicine</i> , 2012, 7, 2891.	6.7	46
21	Repeated injections of PEGylated liposomal topotecan induces accelerated blood clearance phenomenon in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 45, 539-545.	4.0	44
22	Neutrophil-Mediated Delivery of Dexamethasone Palmitate-Loaded Liposomes Decorated with a Sialic Acid Conjugate for Rheumatoid Arthritis Treatment. <i>Pharmaceutical Research</i> , 2019, 36, 97.	3.5	42
23	Targeted Delivery of miRNA 155 to Tumor Associated Macrophages for Tumor Immunotherapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 1714-1722.	4.6	41
24	Application of sialic acid/polysialic acid in the drug delivery systems. <i>Asian Journal of Pharmaceutical Sciences</i> , 2014, 9, 75-81.	9.1	39
25	Neutrophil-mediated delivery of pixantrone-loaded liposomes decorated with poly(sialic acid)-conjugated liposomes. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 1050-1055.	5.7	37
26	Sialic acid-conjugate modified liposomes targeting neutrophils for improved tumour therapy. <i>Biomaterials Science</i> , 2020, 8, 2189-2201.	5.4	37
27	Coencapsulation of epirubicin and metformin in PEGylated liposomes inhibits the recurrence of murine sarcoma S180 existing CD133+ cancer stem-like cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 737-745.	4.3	36
28	Using procedure of emulsification-lyophilization to form lipid A-incorporating cochleates as an effective oral mucosal vaccine adjuvant-delivery system (VADS). <i>International Journal of Pharmaceutics</i> , 2014, 468, 39-49.	5.2	34
29	Sialic acid conjugate-modified liposomal platform modulates immunosuppressive tumor microenvironment in multiple ways for improved immune checkpoint blockade therapy. <i>Journal of Controlled Release</i> , 2021, 337, 393-406.	9.9	34
30	Accelerated drug release and clearance of PEGylated epirubicin liposomes following repeated injections: a new challenge for sequential low-dose chemotherapy. <i>International Journal of Nanomedicine</i> , 2013, 8, 1257.	6.7	32
31	Evaluation of the antitumor effect of dexamethasone palmitate and doxorubicin co-loaded liposomes modified with a sialic acid-octadecylamine conjugate. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 177-183.	4.0	32
32	A novel nanosuspension of andrographolide: Preparation, characterization and passive liver target evaluation in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 104, 13-22.	4.0	32
33	Targeted delivery of zoledronic acid through the sialic acid - Siglec axis for killing and reversal of M2 phenotypic tumor-associated macrophages - A promising cancer immunotherapy. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119929.	5.2	31
34	Terminating the renewal of tumor-associated macrophages: A sialic acid-based targeted delivery strategy for cancer immunotherapy. <i>International Journal of Pharmaceutics</i> , 2019, 571, 118706.	5.2	30
35	Accelerated blood clearance phenomenon upon cross-administration of PEGylated nanocarriers in beagle dogs. <i>International Journal of Nanomedicine</i> , 2015, 10, 3533.	6.7	28
36	Inhibition of paclitaxel resistance and apoptosis induction by cucurbitacin B in ovarian carcinoma cells. <i>Oncology Letters</i> , 2017, 14, 145-152.	1.8	28

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37	Sialic acid conjugate-modified liposomes enable tumor homing of epirubicin via neutrophil/monocyte infiltration for tumor therapy. <i>Acta Biomaterialia</i> , 2021, 134, 702-715.	8.3	28
38	Targeted delivery of pixantrone to neutrophils by poly(sialic acid)-p-octadecylamine conjugate modified liposomes with improved antitumor activity. <i>International Journal of Pharmaceutics</i> , 2018, 547, 315-329.	5.2	27
39	Photodynamic/ photothermal therapy enhances neutrophil-mediated ibrutinib tumor delivery for potent tumor immunotherapy: More than one plus one?. <i>Biomaterials</i> , 2021, 269, 120652.	11.4	27
40	Polysialic acid-modifying liposomes for efficient delivery of epirubicin, in-vitro characterization and in-vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2016, 515, 449-459.	5.2	25
41	Branched PEG-modification: A new strategy for nanocarriers to evade of the accelerated blood clearance phenomenon and enhance anti-tumor efficacy. <i>Biomaterials</i> , 2022, 283, 121415.	11.4	25
42	The application of EDTA in drug delivery systems: doxorubicin liposomes loaded via NH ₄ EDTA gradient. <i>International Journal of Nanomedicine</i> , 2014, 9, 3611.	6.7	24
43	Accelerated Blood Clearance of Nanoemulsions Modified with PEG-Cholesterol and PEG-Phospholipid Derivatives in Rats: The Effect of PEG-Lipid Linkages and PEG Molecular Weights. <i>Molecular Pharmaceutics</i> , 2020, 17, 1059-1070.	4.6	24
44	Evaluation of the antitumor effects of vitamin K2 (menaquinone-7) nanoemulsions modified with sialic acid-cholesterol conjugate. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1-11.	5.8	23
45	Dual-Ligand Modification of PEGylated Liposomes Used for Targeted Doxorubicin Delivery to Enhance Anticancer Efficacy. <i>AAPS PharmSciTech</i> , 2019, 20, 188.	3.3	23
46	Use of Dual-Ligand Modification in Kupffer Cell-Targeted Liposomes To Examine the Contribution of Kupffer Cells to Accelerated Blood Clearance Phenomenon. <i>Molecular Pharmaceutics</i> , 2018, 15, 2548-2558.	4.6	20
47	A noticeable phenomenon: Thiol terminal PEG enhances the immunogenicity of PEGylated emulsions injected intravenously or subcutaneously into rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 744-751.	4.3	19
48	Polysialic acid-polyethylene glycol conjugate-modified liposomes as a targeted drug delivery system for epirubicin to enhance anticancer efficiency. <i>Drug Delivery and Translational Research</i> , 2018, 8, 602-616.	5.8	19
49	Redox- and pH-Sensitive Glycan (Polysialic Acid) Derivatives and F127 Mixed Micelles for Tumor-Targeted Drug Delivery. <i>Molecular Pharmaceutics</i> , 2018, 15, 5534-5545.	4.6	19
50	Sialic acid-conjugate modified doxorubicin nanoplatform for treating neutrophil-related inflammation. <i>Journal of Controlled Release</i> , 2021, 337, 612-627.	9.9	19
51	Preparation of berberine hydrochloride long-circulating liposomes by ionophore A23187-mediated ZnSO ₄ gradient method. <i>Asian Journal of Pharmaceutical Sciences</i> , 2013, 8, 261-266.	9.1	18
52	Novel Self-Assembled Ibrutinib-Phospholipid Complex for Potently Peroral Delivery of Poorly Soluble Drugs with pH-Dependent Solubility. <i>AAPS PharmSciTech</i> , 2018, 19, 3571-3583.	3.3	18
53	Exhausting tumor associated macrophages with sialic acid-polyethyleneimine-cholesterol modified liposomal doxorubicin for enhancing sarcoma chemotherapy. <i>International Journal of Pharmaceutics</i> , 2019, 558, 187-200.	5.2	17
54	Improvement of pharmacokinetic and antitumor activity of layered double hydroxide nanoparticles by coating with PEGylated phospholipid membrane. <i>International Journal of Nanomedicine</i> , 2014, 9, 4867.	6.7	16

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55	Effects of complement inhibition on the ABC phenomenon in rats. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 250-258.	9.1	16
56	Effects of stability of PEGylated micelles on the accelerated blood clearance phenomenon. <i>Drug Delivery and Translational Research</i> , 2019, 9, 66-75.	5.8	15
57	Sequential administration of sialic acid-modified liposomes as carriers for epirubicin and zoledronate elicit stronger antitumor effects with reduced toxicity. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120552.	5.2	15
58	The accelerated blood clearance phenomenon of PEGylated nanoemulsion upon cross administration with nanoemulsions modified with polyglycerin. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018, 13, 44-53.	9.1	14
59	Development of a nattoxinase-polysialic acid complex for advanced tumor treatment. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 145, 105241.	4.0	14
60	A preliminary study of the innate immune memory of Kupffer cells induced by PEGylated nanoemulsions. <i>Journal of Controlled Release</i> , 2022, 343, 657-671.	9.9	14
61	Polysialic acid and pluronic F127 mixed polymeric micelles of docetaxel as new approach for enhanced antitumor efficacy. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1827-1835.	2.0	13
62	Enhanced Opsonization-Independent Phagocytosis and High Response Ability to Opsonized Antigen-Antibody Complexes: A New Role of Kupffer Cells in the Accelerated Blood Clearance Phenomenon upon Repeated Injection of PEGylated Emulsions. <i>Molecular Pharmaceutics</i> , 2018, 15, 3755-3766.	4.6	13
63	Arsenic trioxide encapsulated liposomes prepared via copper acetate gradient loading method and its antitumor efficiency. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 365-373.	9.1	13
64	Sialic Acid Conjugate-Modified Liposomal Dexamethasone Palmitate Targeting Neutrophils for Rheumatoid Arthritis Therapy: Influence of Particle Size. <i>AAPS PharmSciTech</i> , 2021, 22, 16.	3.3	13
65	Tolerance-like innate immunity and spleen injury: a novel discovery via the weekly administrations and consecutive injections of PEGylated emulsions. <i>International Journal of Nanomedicine</i> , 2014, 9, 3645.	6.7	12
66	Preparation and evaluation of PEGylated phospholipid membrane coated layered double hydroxide nanoparticles. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 396-403.	9.1	12
67	Evaluating the Accelerated Blood Clearance Phenomenon of PEGylated Nanoemulsions in Rats by Intraperitoneal Administration. <i>AAPS PharmSciTech</i> , 2018, 19, 3210-3218.	3.3	12
68	Effect of Kupffer cells depletion on ABC phenomenon induced by Kupffer cells-targeted liposomes. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 455-464.	9.1	12
69	Effects of pH-sensitive Groups on Poly(ethylene oxide)-block-poly(ϵ -caprolactone) Block Copolymer Micelles Used as Drug Carriers. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2511-2521.	2.2	11
70	The effect of monosialylganglioside mix modifying the PEGylated liposomal epirubicin on the accelerated blood clearance phenomenon. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 134-142.	9.1	11
71	Cholesterol derivative-based liposomes for gemcitabine delivery: preparation, <i>in vitro</i> , and <i>in vivo</i> characterization. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 2016-2025.	2.0	10
72	The 12-3-12 cationic gemini surfactant as a novel gastrointestinal bioadhesive material for improving the oral bioavailability of coenzyme Q10 naked nanocrystals. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 2044-2054.	2.0	9

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73	Preparation and toxicity evaluation of a novel nattokinase-tauroursodeoxycholate complex. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018, 13, 173-182.	9.1	9
74	Murine RAW264.7 cells as cellular drug delivery carriers for tumor therapy: a good idea?. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 83, 361-374.	2.3	9
75	The Contribution of PEG Molecular Weights in PEGylated Emulsions to the Various Phases in the Accelerated Blood Clearance (ABC) Phenomenon in Rats. <i>AAPS PharmSciTech</i> , 2020, 21, 300.	3.3	9
76	Neutrophils as emerging immunotherapeutic targets: Indirect treatment of tumors by regulating the tumor immune environment based on a sialic acid derivative-modified nanocomplex platform. <i>International Journal of Pharmaceutics</i> , 2022, 620, 121684.	5.2	9
77	Mixed PEGylated surfactant modifying system decrease the accelerated blood clearance phenomenon of nanoemulsions in rats. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 28-36.	9.1	8
78	A Sialylated-Bortezomib Prodrug Strategy Based on a Highly Expressed Selectin Target for the Treatment of Leukemia or Solid Tumors. <i>Pharmaceutical Research</i> , 2019, 36, 176.	3.5	8
79	The Fate of Sialic Acid and PEG Modified Epirubicin Liposomes in Aged versus Young Cells and Tumor Mice Models. <i>Pharmaceutics</i> , 2022, 14, 545.	4.5	8
80	The antitumor efficacy of docetaxel is enhanced by encapsulation in novel amphiphilic polymer cholesterol-coupled tocopheryl polyethylene glycol 1000 succinate micelles. <i>Drug Delivery and Translational Research</i> , 2017, 7, 642-653.	5.8	7
81	Evasion of the accelerated blood clearance phenomenon by branched PEG lipid derivative coating of nanoemulsions. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121365.	5.2	7
82	Comparison among different "revealers" in the study of accelerated blood clearance phenomenon. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 114, 210-216.	4.0	6
83	Effects of Uncleavable and Cleavable PEG-Lipids with Different Molecular Weights on Accelerated Blood Clearance of PEGylated Emulsions in Beagle Dogs. <i>AAPS PharmSciTech</i> , 2020, 21, 106.	3.3	6
84	Polysialic Acid Modified Liposomes for Improving Pharmacokinetics and Overcoming Accelerated Blood Clearance Phenomenon. <i>Coatings</i> , 2020, 10, 834.	2.6	5
85	Evaluation of the Antitumor Effect and Immune Response of Micelles Modified with a Polysialic Acid-d- α -Tocopheryl Polyethylene Glycol 1000 Succinate Conjugate. <i>AAPS PharmSciTech</i> , 2021, 22, 223.	3.3	5
86	Dual targeting single arrow: Neutrophil-targeted sialic acid-modified nanoplatform for treating comorbid tumors and rheumatoid arthritis. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121022.	5.2	5
87	A new application of monosialotetrahexosylganglioside in pharmaceutics: preparation of freeze-thaw-resistant coenzyme Q10 emulsions. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 159, 105701.	4.0	4
88	Polysialic Acid Self-assembled Nanocomplexes for Neutrophil-Based Immunotherapy to Suppress Lung Metastasis of Breast Cancer. <i>AAPS PharmSciTech</i> , 2022, 23, 109.	3.3	4
89	Sialic acid-mediated photochemotherapy enhances infiltration of CD8+ T cells from tumor-draining lymph nodes into tumors of immunosenescent mice. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 425-439.	12.0	4
90	Are third-generation active-targeting nanoformulations definitely the best? In vitro and in vivo comparisons of pixantrone-loaded liposomes modified with different sialic acid derivatives. <i>Drug Delivery and Translational Research</i> , 2022, 12, 647-661.	5.8	3

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91	PEGylated nanoemulsions containing 1,2-distearoyl-sn-glycero-3-phosphoglycerol induced weakened accelerated blood clearance phenomenon. <i>Drug Delivery and Translational Research</i> , 2022, 12, 2569-2579.	5.8	3
92	Discovery in polyethylene glycol immunogenicity: The characteristic of intergenerational inheritance of anti-polyethylene glycol IgG. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 172, 89-100.	4.3	3
93	Influence of Dose on Neutrophil-Mediated Delivery of Nanoparticles for Tumor-Targeting Therapy Strategies. <i>AAPS PharmSciTech</i> , 2021, 22, 89.	3.3	2