

Yanna Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

682
citations

430874

18
h-index

610901

24
g-index

35
all docs

35
docs citations

35
times ranked

657
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug-binding albumins forming stabilized nanoparticles for co-delivery of paclitaxel and resveratrol: In vitro/in vivo evaluation and binding properties investigation. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 873-882.	7.5	45
2	Effect of plasticizers on manufacturing ritonavir/copovidone solid dispersions via hot-melt extrusion: Preformulation, physicochemical characterization, and pharmacokinetics in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 60-70.	4.0	43
3	Enhanced Oral Bioavailability of Celecoxib Nanocrystalline Solid Dispersion based on Wet Media Milling Technique: Formulation, Optimization and In Vitro/In Vivo Evaluation. <i>Pharmaceutics</i> , 2019, 11, 328.	4.5	42
4	Investigation of binary and ternary systems of human serum albumin with oxyresveratrol/piceatannol and/or mitoxantrone by multipectroscopy, molecular docking and cytotoxicity evaluation. <i>Journal of Molecular Liquids</i> , 2020, 311, 113364.	4.9	37
5	Comparative study on the interaction of oxyresveratrol and piceatannol with trypsin and lysozyme: binding ability, activity and stability. <i>Food and Function</i> , 2019, 10, 8182-8194.	4.6	36
6	Shape of Nanoparticles as a Design Parameter to Improve Docetaxel Antitumor Efficacy. <i>Bioconjugate Chemistry</i> , 2018, 29, 1302-1311.	3.6	34
7	Spectroscopic and cytotoxicity studies on the combined interaction of (âˆ“)epigallocatechin-3-gallate and anthracycline drugs with human serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117213.	3.9	34
8	Effect of HPMCAS on recrystallization inhibition of nimodipine solid dispersions prepared by hot-melt extrusion and dissolution enhancement of nimodipine tablets. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 118-126.	5.0	31
9	A stabilizer-free and organic solvent-free method to prepare 10-hydroxycamptothecin nanocrystals: in vitro and in vivo evaluation. <i>International Journal of Nanomedicine</i> , 2016, 11, 2979.	6.7	27
10	Novel carrier-free nanoparticles composed of 7-ethyl-10-hydroxycamptothecin and chlorin e6: Self-assembly mechanism investigation and in vitro/in vivo evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110722.	5.0	25
11	Influences of different carbohydrates as wall material on powder characteristics, encapsulation efficiency, stability and degradation kinetics of microencapsulated lutein by spray drying. <i>International Journal of Food Science and Technology</i> , 2020, 55, 2872-2882.	2.7	24
12	An organic solvent-free technology for the fabrication of albumin-based paclitaxel nanoparticles for effective cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 183, 110394.	5.0	22
13	Improved encapsulation efficiency and storage stability of spray dried microencapsulated lutein with carbohydrates combinations as encapsulating material. <i>LWT - Food Science and Technology</i> , 2020, 124, 109139.	5.2	22
14	A combined calorimetric, spectroscopic and molecular dynamic simulation study on the inclusion complexation of (E)-piceatannol with hydroxypropyl-âˆ“2-cyclodextrin in various alcohol+water cosolvents. <i>Journal of Chemical Thermodynamics</i> , 2019, 132, 341-351.	2.0	21
15	Hydroxycamptothecin Nanorods Prepared by Fluorescently Labeled Oligoethylene Glycols (OEG) Codendrimer: Antitumor Efficacy in Vitro and in Vivo. <i>Bioconjugate Chemistry</i> , 2017, 28, 390-399.	3.6	20
16	High payload and targeted release of anthracyclines by aptamer-tethered DNA nanostrains âˆ“ Thermodynamic and release kinetic study. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 148, 105319.	4.0	20
17	Competitive binding of synergistic antioxidant chlorogenic acid and (âˆ“)epigallocatechin gallate with lysozyme: Insights from multispectroscopic characterization, molecular docking and activity evaluation. <i>Journal of Molecular Liquids</i> , 2021, 341, 117387.	4.9	20
18	<p>Carrier-Free, Dual-Functional Nanorods Via Self-Assembly Of Pure Drug Molecules For Synergistic Chemo-Photodynamic Therapy</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 8665-8683.	6.7	19

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19	Co-encapsulation of (â*)-epigallocatechin-3-gallate and piceatannol/oxyresveratrol in Î²-lactoglobulin: effect of ligandâ€protein binding on the antioxidant activity, stability, solubility and cytotoxicity. <i>Food and Function</i> , 2021, 12, 7126-7144.	4.6	17
20	Enhanced solubility of bisdemethoxycurcumin by interaction with Tween surfactants: Spectroscopic and coarse-grained molecular dynamics simulation studies. <i>Journal of Molecular Liquids</i> , 2021, 323, 115073.	4.9	15
21	Amorphous solid dispersions of cyclosporine A with improved bioavailability prepared via hot melt extrusion: Formulation, physicochemical characterization, and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 168, 106036.	4.0	13
22	Honokiol nanoparticles stabilized by oligoethylene glycols codendrimer: in vitro and in vivo investigations. <i>Journal of Materials Chemistry B</i> , 2017, 5, 697-706.	5.8	12
23	Amphiphilic block polymer-based self-assembly of high payload nanoparticles for efficient combinatorial chemo-photodynamic therapy. <i>Drug Delivery</i> , 2020, 27, 1656-1666.	5.7	12
24	Self-assembled DNA nanotrains for targeted delivery of mithramycin dimers coordinated by different metal ions: Effect of binding affinity on drug loading, release and cytotoxicity. <i>Journal of Molecular Liquids</i> , 2021, 339, 116722.	4.9	12
25	Characterisation of spray dried microencapsules with amorphous lutein nanoparticles: Enhancement of processability, dissolution rate, and storage stability. <i>Food Chemistry</i> , 2022, 383, 132200.	8.2	12
26	Cellulose derivatives as effective recrystallization inhibitor for ternary ritonavir solid dispersions: In vitro-in vivo evaluation. <i>Carbohydrate Polymers</i> , 2021, 273, 118562.	10.2	11
27	Codendrimer (PAG) from polyamidoamine (PAMAM) and oligoethylene glycols (OEG) dendron: evaluation as drug carrier. <i>Journal of Materials Chemistry B</i> , 2013, 1, 6078.	5.8	10
28	Thermodynamics, in vitro release and cytotoxicity studies on doxorubicinâ€toluidine blue O combination drugs co-loaded in aptamer-tethered DNA nanostructures. <i>Journal of Molecular Liquids</i> , 2020, 320, 114390.	4.9	8
29	Laser-responsive multi-functional nanoparticles for efficient combinational chemo-photodynamic therapy against breast cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, , 112574.	5.0	8
30	Idarubicin/mithramycin-acridine orange combination drugs co-loaded by DNA nanostructures: Different effects of intercalation and groove binding on drug release and cytotoxicity. <i>Journal of Molecular Liquids</i> , 2022, 355, 118947.	4.9	7
31	A codendrimer of PAMAM decorated with oligoethylene glycol dendrons: synthesis, self-assembly, and application as a drug carrier. <i>Soft Matter</i> , 2013, 9, 10306.	2.7	6
32	A series of codendrimers from polyamidoamine (PAMAM) and oligoethylene glycols (OEG) dendrons as drug carriers: the effect of OEG dendron decoration degree. <i>RSC Advances</i> , 2015, 5, 85547-85555.	3.6	6
33	Self-assembled thermosensitive nanoparticles based on oligoethylene glycol dendron conjugated doxorubicin: preparation, and efficient delivery of free doxorubicin. <i>RSC Advances</i> , 2016, 6, 2602-2610.	3.6	6
34	High payload nanoparticles composed of 7-ethyl-10-hydroxycamptothecin and chlorin e6 for synergistic chemo-photodynamic combination therapy. <i>Dyes and Pigments</i> , 2021, 184, 108819.	3.7	3
35	Evaluation of water induced phase transition of Fexofenadine Hydrochloride during wet granulation process using NIR and DSC techniques. <i>Microchemical Journal</i> , 2021, 169, 106497.	4.5	2