

Sanming Li

List of Publications by Year in descending order

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68
papers

1,700
citations

236925

25
h-index

330143

37
g-index

69
all docs

69
docs citations

69
times ranked

2064
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral mesoporous silica nano-screws as an efficient biomimetic oral drug delivery platform through multiple topological mechanisms. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1432-1446.	12.0	14
2	Chiral microenvironment-responsive mesoporous silica nanoparticles for delivering indometacin with chiral recognition function. <i>Materials and Design</i> , 2022, 214, 110359.	7.0	4
3	Synthesis, structural properties, biosafety and applications of chiral mesoporous silica nanostructures. <i>Chemical Engineering Journal</i> , 2021, 421, 127862.	12.7	18
4	Dual response to pH and chiral microenvironments for the release of a flurbiprofen-loaded chiral self-assembled mesoporous silica drug delivery system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111501.	5.0	14
5	Redox-Triggered Switchable Synthesis of 3,4-Dihydroquinolin-2(1 <i>H</i>)-one Derivatives via Hydride Transfer/ <i>N</i> -Dealkylation/ <i>N</i> -Acylation. <i>Organic Letters</i> , 2021, 23, 358-364.	4.6	34
6	Genipin-cross-linked hydrogels based on biomaterials for drug delivery: a review. <i>Biomaterials Science</i> , 2021, 9, 1583-1597.	5.4	79
7	Advances in regulating physicochemical properties of mesoporous silica nanocarriers to overcome biological barriers. <i>Acta Biomaterialia</i> , 2021, 123, 72-92.	8.3	32
8	pH/H ₂ O ₂ Dual-Responsive Chiral Mesoporous Silica Nanorods Coated with a Biocompatible Active Targeting Ligand for Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35397-35409.	8.0	32
9	Carboxyl-functionalized mesoporous silica nanoparticles for the controlled delivery of poorly water-soluble non-steroidal anti-inflammatory drugs. <i>Acta Biomaterialia</i> , 2021, 134, 576-592.	8.3	31
10	Preparation and application of mesoporous core-shell nanosilica using leucine derivative as template in effective drug delivery. <i>Chinese Chemical Letters</i> , 2020, 31, 1165-1167.	9.0	5
11	Functional mesoporous silica nanoparticles for delivering nimesulide with chiral recognition performance. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109862.	4.4	19
12	Amino functionalized mesoporous silica with twisted rod-like shapes: Synthetic design, in vitro and in vivo evaluation for ibuprofen delivery. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109896.	4.4	29
13	Organogels based on amino acid derivatives and their optimization for drug release using response surface methodology. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 266-275.	2.8	23
14	<p>Biomimetic Synthesis and Evaluation of Interconnected Bimodal Mesostructured MSF@Poly(Ethyleneimine)s for Improved Drug Loading and Oral Adsorption of the Poorly Water-Soluble Drug, Ibuprofen</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7451-7468.	6.7	2
15	<p>>Superiority of L-tartaric Acid Modified Chiral Mesoporous Silica Nanoparticle as a Drug Carrier: Structure, Wettability, Degradation, Bio-Adhesion and Biocompatibility</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 601-618.	6.7	24
16	A Hybrid Genipin-Cross-Linked Hydrogel/Nanostructured Lipid Carrier for Ocular Drug Delivery: Cellular, ex Vivo, and in Vivo Evaluation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1543-1552.	5.2	37
17	Synthesis and characterization of core-shell mesoporous silica nanoparticles with various shell thickness as indomethacin carriers: In vitro and in vivo evaluation. <i>Microporous and Mesoporous Materials</i> , 2020, 297, 110043.	4.4	13
18	Surface Wettability Modulated by Surfactant and Its Effects on the Drug Release and Absorption of Fenofibrate Solid Dispersions. <i>AAPS PharmSciTech</i> , 2019, 20, 234.	3.3	18

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19	Enlarged Pore Size Chiral Mesoporous Silica Nanoparticles Loaded Poorly Water-Soluble Drug Perform Superior Delivery Effect. <i>Molecules</i> , 2019, 24, 3552.	3.8	18
20	Design and preparation of mesoporous silica carriers with chiral structures for drug release differentiation. <i>Materials Science and Engineering C</i> , 2019, 103, 109737.	7.3	16
21	Effects of Polymer/Surfactant as Carriers on the Solubility and Dissolution of Fenofibrate Solid Dispersion. <i>AAPS PharmSciTech</i> , 2019, 20, 102.	3.3	13
22	Applying Supercritical Fluid Technology to Prepare Ibuprofen Solid Dispersions with Improved Oral Bioavailability. <i>Pharmaceutics</i> , 2019, 11, 67.	4.5	15
23	A hybrid genipin-crosslinked dual-sensitive hydrogel/nanostructured lipid carrier ocular drug delivery platform. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 423-434.	9.1	51
24	Effect of Shape on Mesoporous Silica Nanoparticles for Oral Delivery of Indomethacin. <i>Pharmaceutics</i> , 2019, 11, 4.	4.5	36
25	Evaluation of biomimetically synthesized mesoporous silica nanoparticles as drug carriers: Structure, wettability, degradation, biocompatibility and brain distribution. <i>Materials Science and Engineering C</i> , 2019, 94, 453-464.	7.3	59
26	Contact Angle Measurements: an Alternative Approach Towards Understanding the Mechanism of Increased Drug Dissolution from Ethylcellulose Tablets Containing Surfactant and Exploring the Relationship Between Their Contact Angles and Dissolution Behaviors. <i>AAPS PharmSciTech</i> , 2018, 19, 1582-1591.	3.3	15
27	Biomimetic synthesis and evaluation of histidine-derivative templated chiral mesoporous silica for improved oral delivery of the poorly water-soluble drug, nimodipine. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 321-330.	4.0	22
28	Evaluation about wettability, water absorption or swelling of excipients through various methods and the correlation between these parameters and tablet disintegration. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1417-1425.	2.0	31
29	Nanostructured lipid carrier-based pH and temperature dual-responsive hydrogel composed of carboxymethyl chitosan and poloxamer for drug delivery. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 462-469.	7.5	78
30	Degradation of glutamate-based organogels for biodegradable implants: In vitro study and in vivo observation. <i>Materials Science and Engineering C</i> , 2018, 82, 80-90.	7.3	17
31	Association between the physical stability of flurbiprofen suspension and the interaction of HPMC/SDS. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018, 13, 63-71.	9.1	8
32	Superiority of amino-modified chiral mesoporous silica nanoparticles in delivering indometacin. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1085-1094.	2.8	15
33	Mesoporous silica nanorods for improved oral drug absorption. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1132-1140.	2.8	52
34	Systematic modifications of amino acid-based organogelators for the investigation of structure-property correlations in drug delivery system. <i>International Journal of Pharmaceutics</i> , 2018, 547, 637-647.	5.2	9
35	Mesoporous silicas templated by heterocyclic amino acid derivatives: Biomimetic synthesis and drug release application. <i>Materials Science and Engineering C</i> , 2018, 93, 407-418.	7.3	8
36	Application of Solvent Parameters for Predicting Organogel Formation. <i>AAPS PharmSciTech</i> , 2018, 19, 2288-2300.	3.3	10

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37	Preparation and evaluation of a novel anticancer drug delivery carrier for 5-Fluorouracil using synthetic bola-amphiphile based on lysine as polar heads. <i>Materials Science and Engineering C</i> , 2017, 75, 637-645.	7.3	13
38	The tracking of interfacial interaction of amorphous solid dispersions formed by water-soluble polymer and nitrendipine. <i>Applied Surface Science</i> , 2017, 420, 136-144.	6.1	15
39	Polymer brush hexadecyltrimethylammonium bromide (CTAB) modified poly (propylene-g-styrene) Tj ETQq1 1 0.784314 rgBT /Overl... physical stability of poorly water-soluble drugs. <i>Materials Science and Engineering C</i> , 2017, 80, 282-295.	7.3	2
40	Discovery of Indolinone-Based Multikinase Inhibitors as Potential Therapeutics for Idiopathic Pulmonary Fibrosis. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 1142-1147.	2.8	14
41	Influence of hydroxypropyl methylcellulose, methylcellulose, gelatin, poloxamer 407 and poloxamer 188 on the formation and stability of soybean oil-in-water emulsions. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 521-531.	9.1	25
42	Biomimetic synthesis of proline-derivative templated mesoporous silica for increasing the brain distribution of diazepam and improving the pharmacodynamics of nimesulide. <i>Drug Delivery</i> , 2017, 24, 1086-1098.	5.7	8
43	Studies on the <i>in vitro</i> and <i>in vivo</i> degradation behavior of amino acid derivative-based organogels. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1732-1741.	2.0	12
44	Self-assembled drug delivery system based on low-molecular-weight bis-amide organogelator: synthesis, properties and <i>in vivo</i> evaluation. <i>Drug Delivery</i> , 2016, 23, 3168-3178.	5.7	24
45	Modulation of the wettability of excipients by surfactant and its impacts on the disintegration and release of tablets. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1945-1955.	2.0	16
46	Contribution of carboxyl modified chiral mesoporous silica nanoparticles in delivering doxorubicin hydrochloride in vitro: pH-response controlled release, enhanced drug cellular uptake and cytotoxicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 374-381.	5.0	51
47	Mutual interaction between guest drug molecules and host nanoporous silica xerogel studied using central composite design. <i>International Journal of Pharmaceutics</i> , 2016, 498, 32-39.	5.2	9
48	Comparison of bare and amino modified mesoporous silica@poly(ethyleneimine)s xerogel as indomethacin carrier: Superiority of amino modification. <i>Materials Science and Engineering C</i> , 2016, 59, 710-716.	7.3	35
49	Biomimetic synthesized bimodal nanoporous silica: Bimodal mesostructure formation and application for ibuprofen delivery. <i>Materials Science and Engineering C</i> , 2016, 58, 1105-1111.	7.3	25
50	Control-release microcapsule of famotidine loaded biomimetic synthesized mesoporous silica nanoparticles: Controlled release effect and enhanced stomach adhesion in vitro. <i>Materials Science and Engineering C</i> , 2016, 58, 273-277.	7.3	33
51	Characterization of preclinical <i>in vitro</i> and <i>in vivo</i> pharmacokinetics properties for KBP-7018, a new tyrosine kinase inhibitor candidate for treatment of idiopathic pulmonary fibrosis. <i>Drug Design, Development and Therapy</i> , 2015, 9, 4319.	4.3	10
52	Biomimetic synthesized chiral mesoporous silica: Structures and controlled release functions as drug carrier. <i>Materials Science and Engineering C</i> , 2015, 55, 367-372.	7.3	38
53	Facile synthesis of functionalized ionic surfactant templated mesoporous silica for incorporation of poorly water-soluble drug. <i>International Journal of Pharmaceutics</i> , 2015, 492, 191-198.	5.2	38
54	Dual drug load and release behavior on ion-exchange fiber: influencing factors and prediction method for precise control of the loading amount. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 755-761.	2.4	6

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55	The load and release characteristics on a strong cationic ion-exchange fiber: kinetics, thermodynamics, and influences. <i>Drug Design, Development and Therapy</i> , 2014, 8, 945.	4.3	5
56	Loading and Release of Amine Drugs by Ion-Exchange Fibers: Role of Amine Type. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1095-1103.	3.3	6
57	Preparation, characteristics and assessment of a novel gelatin-chitosan sponge scaffold as skin tissue engineering material. <i>International Journal of Pharmaceutics</i> , 2014, 476, 124-133.	5.2	137
58	Bovine serum albumin-meloxicam nanoaggregates laden contact lenses for ophthalmic drug delivery in treatment of postcataract endophthalmitis. <i>International Journal of Pharmaceutics</i> , 2014, 475, 25-34.	5.2	27
59	Tramadol loading, release and iontophoretic characteristics of ion-exchange fiber. <i>International Journal of Pharmaceutics</i> , 2014, 465, 102-111.	5.2	7
60	Biomimetic synthesized nanoporous silica@poly(ethyleneimine)s xerogel as drug carrier: Characteristics and controlled release effect. <i>International Journal of Pharmaceutics</i> , 2014, 467, 9-18.	5.2	34
61	Oral sustained-release suspension based on a novel taste-masked and mucoadhesive carrier-ion-exchange fiber. <i>International Journal of Pharmaceutics</i> , 2014, 472, 74-81.	5.2	15
62	Improved initial burst of estradiol organogel as long-term <i>in situ</i> drug delivery implant: formulation, <i>in vitro</i> and <i>in vivo</i> characterization. <i>Drug Development and Industrial Pharmacy</i> , 2012, 38, 550-556.	2.0	16
63	A novel, simple method to simulate gelling process of injectable biodegradable <i>in situ</i> forming drug delivery system based on determination of electrical conductivity. <i>International Journal of Pharmaceutics</i> , 2011, 404, 176-179.	5.2	10
64	Self-assembled L-alanine derivative organogel as <i>in situ</i> drug delivery implant: characterization, biodegradability, and biocompatibility. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 1511-1521.	2.0	33
65	Preparation and characterization of a positive thermoresponsive hydrogel for drug loading and release. <i>Journal of Applied Polymer Science</i> , 2009, 111, 1417-1425.	2.6	74
66	In Vivo Assessment of Novel Furosemide Gastro-Mucoadhesive Delivery System Based on a Kind of Anion Ion-Exchange Fiber. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 548-554.	2.0	3
67	A novel riboflavin gastro-mucoadhesive delivery system based on ion-exchange fiber. <i>International Journal of Pharmaceutics</i> , 2008, 364, 21-26.	5.2	34
68	The delivery of ketoprofen from a system containing ion-exchange fibers. <i>International Journal of Pharmaceutics</i> , 2006, 319, 107-113.	5.2	24