Ben J Boyd

List of Publications by Year in descending order

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283	13,738	16451 64	30087 103
papers	citations	h-index	g-index

291	291	291	13115
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Minimum information reporting in bioâ€“nano experimental literature. Nature Nanotechnology, 2018, 13, 777-785.	31.5	455
2	Lyotropic liquid crystalline phases formed from glycerate surfactants as sustained release drug delivery systems. International Journal of Pharmaceutics, 2006, 309, 218-226.	5.2	291
3	Bulk and Dispersed Aqueous Phase Behavior of Phytantriol:Â Effect of Vitamin E Acetate and F127 Polymer on Liquid Crystal Nanostructure. Langmuir, 2006, 22, 9512-9518.	3.5	290
4	Stimuli responsive liquid crystals provide â€˜on-demandâ€™ drug delivery in vitro and in vivo. Journal of Controlled Release, 2009, 135, 218-226.	9.9	269
5	Advances in drug delivery and medical imaging using colloidal lyotropic liquid crystalline dispersions. Journal of Colloid and Interface Science, 2013, 393, 1-20.	9.4	269
6	Peptide-based biosensors. Talanta, 2015, 136, 114-127.	5.5	225
7	Successful oral delivery of poorly water-soluble drugs both depends on the intraluminal behavior of drugs and of appropriate advanced drug delivery systems. European Journal of Pharmaceutical Sciences, 2019, 137, 104967.	4.0	222
8	Characterisation of drug release from cubosomes using the pressure ultrafiltration method. International Journal of Pharmaceutics, 2003, 260, 239-247.	5.2	221
9	Susceptibility to Lipase-Mediated Digestion Reduces the Oral Bioavailability of Danazol After Administration as a Medium-Chain Lipid-Based Microemulsion Formulation. Pharmaceutical Research, 2004, 21, 1405-1412.	3.5	217
10	Use of in vitro lipid digestion data to explain the in vivo performance of triglyceride-based oral lipid formulations of poorly water-soluble drugs: Studies with halofantrine. Journal of Pharmaceutical Sciences, 2004, 93, 1110-1121.	3.3	195
11	Evaluating the link between self-assembled mesophase structure and drug release. International Journal of Pharmaceutics, 2011, 421, 176-182.	5.2	180
12	Drug Solubilization Behavior During in Vitro Digestion of Simple Triglyceride Lipid Solution Formulations. Pharmaceutical Research, 2004, 21, 245-253.	3.5	176
13	Steric stabilisation of self-assembled cubic lyotropic liquid crystalline nanoparticles: high throughput evaluation of triblock polyethylene oxide-polypropylene oxide-polyethylene oxide copolymers. Soft Matter, 2011, 7, 4768.	2.7	175
14	Nanostructure of liquid crystalline matrix determines in vitro sustained release and in vivo oral absorption kinetics for hydrophilic model drugs. International Journal of Pharmaceutics, 2009, 365, 190-199.	5.2	174
15	Separation and Characterization of the Colloidal Phases Produced on Digestion of Common Formulation Lipids and Assessment of Their Impact on the Apparent Solubility of Selected Poorly Water-Soluble Drugs. Journal of Pharmaceutical Sciences, 2003, 92, 634-648.	3.3	173
16	Prodrug and nanomedicine approaches for the delivery of the camptothecin analogue SN38. Journal of Controlled Release, 2013, 172, 48-61.	9.9	167
17	Dendrimer pharmacokinetics: the effect of size, structure and surface characteristics on ADME properties. Nanomedicine, 2011, 6, 1063-1084.	3.3	166
18	The Impact of Molecular Weight and PEG Chain Length on the Systemic Pharmacokinetics of PEGylated Poly <scp>l</scp>-Lysine Dendrimers. Molecular Pharmaceutics, 2008, 5, 449-463.	4.6	165

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19	Nanostructured liquid crystalline particles provide long duration sustained-release effect for a poorly water soluble drug after oral administration. Journal of Controlled Release, 2011, 153, 180-186.	9.9	164
20	A lipid-based liquid crystalline matrix that provides sustained release and enhanced oral bioavailability for a model poorly water soluble drug in rats. International Journal of Pharmaceutics, 2007, 340, 52-60.	5.2	157
21	How Chain Length, Headgroup Polymerization, and Anomeric Configuration Govern the Thermotropic and Lyotropic Liquid Crystalline Phase Behavior and the Airâ^Water Interfacial Adsorption of Glucose-Based Surfactants. Langmuir, 2000, 16, 7359-7367.	3.5	153
22	A comparison of changes to doxorubicin pharmacokinetics, antitumor activity, and toxicity mediated by PEGylated dendrimer and PEGylated liposome drug delivery systems. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 103-111.	3.3	152
23	An Overview of 3D Printing Technologies for Soft Materials and Potential Opportunities for Lipid-based Drug Delivery Systems. Pharmaceutical Research, 2019, 36, 4.	3.5	151
24	Cationic Poly-l-lysine Dendrimers:â€‰ Pharmacokinetics, Biodistribution, and Evidence for Metabolism and Bioresorption after Intravenous Administration to Rats. Molecular Pharmaceutics, 2006, 3, 614-627.	4.6	149
25	Drug release from nanomedicines: selection of appropriate encapsulation and release methodology. Drug Delivery and Translational Research, 2012, 2, 284-292.	5.8	148
26	Photoswitchable Molecules in Long-Wavelength Light-Responsive Drug Delivery: From Molecular Design to Applications. Chemistry of Materials, 2018, 30, 2873-2887.	6.7	139
27	Size and Rigidity of Cylindrical Polymer Brushes Dictate Long Circulating Properties In Vivo. ACS Nano, 2015, 9, 1294-1304.	14.6	132
28	Pharmacokinetics and Tumor Disposition of PEGylated, Methotrexate Conjugated Poly-<scp>l</scp>-lysine Dendrimers. Molecular Pharmaceutics, 2009, 6, 1190-1204.	4.6	130
29	Liposomes in biosensors. Analyst, The, 2013, 138, 391-409.	3.5	128
30	Hexosomes formed from glycerate surfactantsâ€”Formulation as a colloidal carrier for irinotecan. International Journal of Pharmaceutics, 2006, 318, 154-162.	5.2	127
31	Association of Chemotherapeutic Drugs with Dendrimer Nanocarriers: An Assessment of the Merits of Covalent Conjugation Compared to Noncovalent Encapsulation. Molecular Pharmaceutics, 2012, 9, 355-373.	4.6	125
32	Characterisation and tumour targeting of PEGylated polylysine dendrimers bearing doxorubicin via a pH labile linker. Journal of Controlled Release, 2011, 152, 241-248.	9.9	121
33	Indomethacin: New Polymorphs of an Old Drug. Molecular Pharmaceutics, 2013, 10, 4472-4480.	4.6	120
34	Metallic implant drug/device combinations for controlled drug release in orthopaedic applications. Journal of Controlled Release, 2014, 179, 63-75.	9.9	117
35	Natureâ€Inspired Design and Application of Lipidic Lyotropic Liquid Crystals. Advanced Materials, 2019, 31, e1900818.	21.0	117
36	Probing drug solubilization patterns in the gastrointestinal tract after administration of lipidâ€based delivery systems: A phase diagram approach. Journal of Pharmaceutical Sciences, 2004, 93, 332-348.	3.3	115

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37	Tuning the Size of Cylindrical Micelles from Poly(<scp>l</scp>-lactide)-b-poly(acrylic acid) Diblock Copolymers Based on Crystallization-Driven Self-Assembly. Macromolecules, 2013, 46, 9074-9082.	4.8	113
38	Bicontinuous cubic liquid crystals as sustained delivery systems for peptides and proteins. Expert Opinion on Drug Delivery, 2010, 7, 1133-1144.	5.0	112
39	Responsive self-assembled nanostructured lipid systems for drug delivery and diagnostics. Journal of Colloid and Interface Science, 2016, 484, 320-339.	9.4	111
40	Drug Solubilization Behavior During in Vitro Digestion of Suspension Formulations of Poorly Water-Soluble Drugs in Triglyceride Lipids. Pharmaceutical Research, 2004, 21, 254-260.	3.5	104
41	Lipids and polymers in pharmaceutical technology: Lifelong companions. International Journal of Pharmaceutics, 2019, 558, 128-142.	5.2	101
42	Drug nanocrystallisation within liposomes. Journal of Controlled Release, 2018, 288, 96-110.	9.9	100
43	High-Throughput Discovery of Novel Steric Stabilizers for Cubic Lyotropic Liquid Crystal Nanoparticle Dispersions. Langmuir, 2012, 28, 9223-9232.	3.5	95
44	Disposition and association of the steric stabilizer PluronicÂ® F127 in lyotropic liquid crystalline nanostructured particle dispersions. Journal of Colloid and Interface Science, 2013, 392, 288-296.	9.4	92
45	Influence of the intermediate digestion phases of common formulation lipids on the absorption of a poorly waterâ€soluble drug. Journal of Pharmaceutical Sciences, 2005, 94, 481-492.	3.3	89
46	Impurities in Commercial Phytantriol Significantly Alter Its Lyotropic Liquid-Crystalline Phase Behavior. Langmuir, 2008, 24, 6998-7003.	3.5	89
47	Real Time Evolution of Liquid Crystalline Nanostructure during the Digestion of Formulation Lipids Using Synchrotron Small-Angle X-ray Scattering. Langmuir, 2011, 27, 9528-9534.	3.5	88
48	Conducting polymers with defined micro- or nanostructures for drug delivery. Biomaterials, 2016, 111, 149-162.	11.4	87
49	pH-responsive lyotropic liquid crystals and their potential therapeutic role in cancer treatment. Chemical Communications, 2015, 51, 6671-6674.	4.1	86
50	Stabilising cubosomes with Tween 80 as a step towards targeting lipid nanocarriers to the bloodâ€“brain barrier. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 104, 148-155.	4.3	84
51	Applications of X-ray scattering in pharmaceutical science. International Journal of Pharmaceutics, 2011, 417, 101-111.	5.2	83
52	Past and future evolution in colloidal drug delivery systems. Expert Opinion on Drug Delivery, 2008, 5, 69-85.	5.0	82
53	Plasmonic Nanorods Provide Reversible Control over Nanostructure of Self-Assembled Drug Delivery Materials. Langmuir, 2010, 26, 6136-6139.	3.5	79
54	Nonlamellar liquid crystalline nanostructured particles: advances in materials and structure determination. Journal of Liposome Research, 2009, 19, 12-28.	3.3	78

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55	A Proof of Concept for 3D Printing of Solid Lipid-Based Formulations of Poorly Water-Soluble Drugs to Control Formulation Dispersion Kinetics. Pharmaceutical Research, 2019, 36, 102.	3.5	78
56	Formation of Highly Organized Nanostructures during the Digestion of Milk. ACS Nano, 2013, 7, 10904-10911.	14.6	77
57	Impact of preparation method and variables on the internal structure, morphology, and presence of liposomes in phytantriol-PluronicÂ® F127 cubosomes. Colloids and Surfaces B: Biointerfaces, 2016, 145, 845-853.	5.0	77
58	Silica Nanoparticles To Control the Lipase-Mediated Digestion of Lipid-Based Oral Delivery Systems. Molecular Pharmaceutics, 2010, 7, 522-532.	4.6	76
59	Selfâ€Assembled Nanostructured Lipid Systems: Is There a Link between Structure and Cytotoxicity?. Advanced Science, 2019, 6, 1801223.	11.2	76
60	Metal-free and MRI visible theranostic lyotropic liquid crystal nitroxide-based nanoparticles. Biomaterials, 2012, 33, 2723-2733.	11.4	75
61	Nanostructured Liquid Crystalline Particles As an Alternative Delivery Vehicle for Plant Agrochemicals. ACS Applied Materials & Interfaces, 2013, 5, 1818-1826.	8.0	72
62	Self-Assembled Geometric Liquid-Crystalline Nanoparticles Imaged in Three Dimensions:â€‰ Hexosomes Are Not Necessarily Flat Hexagonal Prisms. Langmuir, 2007, 23, 12461-12464.	3.5	70
63	Revisiting Î²-Casein as a Stabilizer for Lipid Liquid Crystalline Nanostructured Particles. Langmuir, 2011, 27, 14757-14766.	3.5	67
64	Differences in colloidal structure of PEGylated nanomaterials dictate the likelihood of accelerated blood clearance. Journal of Pharmaceutical Sciences, 2011, 100, 5069-5077.	3.3	67
65	Colloidal aspects of dispersion and digestion of self-dispersing lipid-based formulations for poorly water-soluble drugs. Advanced Drug Delivery Reviews, 2019, 142, 16-34.	13.7	67
66	A novel cubic phase of medium chain lipid origin for the delivery of poorly water soluble drugs. Journal of Controlled Release, 2004, 99, 217-229.	9.9	64
67	Phytantriol and glyceryl monooleate cubic liquid crystalline phases as sustained-release oral drug delivery systems for poorly water-soluble drugs II. In-vivo evaluation. Journal of Pharmacy and Pharmacology, 2010, 62, 856-865.	2.4	63
68	Self-Assembly Behavior of Colistin and Its Prodrug Colistin Methanesulfonate: Implications for Solution Stability and Solubilization. Journal of Physical Chemistry B, 2010, 114, 4836-4840.	2.6	63
69	Doxorubicin-Conjugated PEGylated Dendrimers Show Similar Tumoricidal Activity but Lower Systemic Toxicity When Compared to PEGylated Liposome and Solution Formulations in Mouse and Rat Tumor Models. Molecular Pharmaceutics, 2012, 9, 422-432.	4.6	63
70	Sensitivity of Nanostructure in Charged Cubosomes to Phase Changes Triggered by Ionic Species in Solution. Langmuir, 2013, 29, 14265-14273.	3.5	63
71	Examination of the impact of a range of Pluronic surfactants on the in-vitro solubilisation behaviour and oral bioavailability of lipidic formulations of atovaquoneâ€. Journal of Pharmacy and Pharmacology, 2010, 58, 809-820.	2.4	62
72	Nonequilibrium Effects in Self-Assembled Mesophase Materials: Unexpected Supercooling Effects for Cubosomes and Hexosomes. Langmuir, 2010, 26, 9000-9010.	3.5	61

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73	Capping Methotrexate Î±-Carboxyl Groups Enhances Systemic Exposure and Retains the Cytotoxicity of Drug Conjugated PEGylated Polylysine Dendrimers. Molecular Pharmaceutics, 2011, 8, 338-349.	4.6	61
74	Surface changes and polymyxin interactions with a resistant strain of Klebsiella pneumoniae. Innate Immunity, 2014, 20, 350-363.	2.4	61
75	Positional Isomers of Linear Sodium Dodecyl Benzene Sulfonate:Â Solubility, Self-Assembly, and Air/Water Interfacial Activity. Langmuir, 2006, 22, 8646-8654.	3.5	58
76	Advanced fitting algorithms for analysing positron annihilation lifetime spectra. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 603, 456-466.	1.6	56
77	Phytantriol and glyceryl monooleate cubic liquid crystalline phases as sustained-release oral drug delivery systems for poorly water soluble drugs I. Phase behaviour in physiologically-relevant media. Journal of Pharmacy and Pharmacology, 2010, 62, 844-855.	2.4	55
78	The Precipitation Behavior of Poorly Water-Soluble Drugs with an Emphasis on the Digestion of Lipid Based Formulations. Pharmaceutical Research, 2016, 33, 548-562.	3.5	55
79	Traumatic brain injury opens bloodâ€“brain barrier to stealth liposomes via an enhanced permeability and retention (EPR)-like effect. Journal of Drug Targeting, 2015, 23, 847-853.	4.4	51
80	Characterization of Solubilizing Nanoaggregates Present in Different Versions of Simulated Intestinal Fluid. Journal of Physical Chemistry B, 2017, 121, 10869-10881.	2.6	51
81	PD-L1â€“ and calcitriol-dependent liposomal antigen-specific regulation of systemic inflammatory autoimmune disease. JCI Insight, 2019, 4, .	5.0	51
82	Impact of Surface Derivatization of Poly-<scp>l</scp>-lysine Dendrimers with Anionic Arylsulfonate or Succinate Groups on Intravenous Pharmacokinetics and Disposition. Molecular Pharmaceutics, 2007, 4, 949-961.	4.6	50
83	Overcoming biological barriers to in vivo efficacy of antisense oligonucleotides. Expert Reviews in Molecular Medicine, 2009, 11, e10.	3.9	50
84	A novel approach to enhance the mucoadhesion of lipid drug nanocarriers for improved drug delivery to the buccal mucosa. International Journal of Pharmaceutics, 2014, 471, 358-365.	5.2	50
85	A closer look at the behaviour of milk lipids during digestion. Chemistry and Physics of Lipids, 2018, 211, 107-116.	3.2	49
86	Controlling the Nanostructure of Gold Nanorodâ€“Lyotropic Liquid-Crystalline Hybrid Materials Using Near-Infrared Laser Irradiation. Langmuir, 2012, 28, 14450-14460.	3.5	48
87	Alphaxalone Reformulated. Anesthesia and Analgesia, 2015, 120, 1025-1031.	2.2	48
88	Steric Stabilizers for Cubic Phase Lyotropic Liquid Crystal Nanodispersions (Cubosomes). Behavior Research Methods, 2015, , 131-187.	4.0	48
89	Hybrid Nanomaterials that Mimic the Food Effect: Controlling Enzymatic Digestion for Enhanced Oral Drug Absorption. Angewandte Chemie - International Edition, 2012, 51, 5475-5479.	13.8	47
90	Tailoring liquid crystalline lipid nanomaterials for controlled release of macromolecules. International Journal of Pharmaceutics, 2015, 495, 241-248.	5.2	47

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91	In Situ Lipolysis and Synchrotron Small-Angle X-ray Scattering for the Direct Determination of the Precipitation and Solid-State Form of a Poorly Water-Soluble Drug During Digestion of a Lipid-Based Formulation. Journal of Pharmaceutical Sciences, 2016, 105, 2631-2639.	3.3	46
92	Selfâ€Assembly Structure Formation during the Digestion of Human Breast Milk. Angewandte Chemie - International Edition, 2015, 54, 1600-1603.	13.8	45
93	Silicaâ€“lipid hybrid (SLH) formulations enhance the oral bioavailability and efficacy of celecoxib: An in vivo evaluation. Journal of Controlled Release, 2013, 167, 85-91.	9.9	44
94	Mesoporous Titanium Zirconium Oxide Nanospheres with Potential for Drug Delivery Applications. ACS Applied Materials & Interfaces, 2013, 5, 10926-10932.	8.0	43
95	Disposition and crystallization of saturated fatty acid in mixed micelles of relevance to lipid digestion. Journal of Colloid and Interface Science, 2015, 449, 160-166.	9.4	43
96	Modified thermoresponsive Poloxamer 407 and chitosan solâ€“gels as potential sustained-release vaccine delivery systems. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 74-81.	4.3	43
97	Enhanced Extravasation, Stability and in Vivo Cardiac Gene Silencing via in Situ siRNAâ€“Albumin Conjugation. Molecular Pharmaceutics, 2012, 9, 71-80.	4.6	41
98	Self-assembled structures formed during lipid digestion: characterization and implications for oral lipid-based drug delivery systems. Drug Delivery and Translational Research, 2014, 4, 275-294.	5.8	40
99	Adsorption of Nonlamellar Nanostructured Liquid-Crystalline Particles to Biorelevant Surfaces for Improved Delivery of Bioactive Compounds. ACS Applied Materials & Interfaces, 2011, 3, 1771-1780.	8.0	39
100	Investigation of Donorâ€“Acceptor Stenhouse Adducts as New Visible Wavelength-Responsive Switching Elements for Lipid-Based Liquid Crystalline Systems. Langmuir, 2017, 33, 2215-2221.	3.5	39
101	Microcontainers as an oral delivery system for spray dried cubosomes containing ovalbumin. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 118, 13-20.	4.3	39
102	Recent advances in the delivery of hydrogen sulfide via a macromolecular approach. Polymer Chemistry, 2018, 9, 4431-4439.	3.9	39
103	Microfluidic preparation of drug-loaded PEGylated liposomes, and the impact of liposome size on tumour retention and penetration. Journal of Liposome Research, 2019, 29, 1-9.	3.3	39
104	Positron Annihilation Lifetime Spectroscopy (PALS) as a Characterization Technique for Nanostructured Self-Assembled Amphiphile Systems. Journal of Physical Chemistry B, 2009, 113, 84-91.	2.6	38
105	Novel Spiropyran Amphiphiles and Their Application as Light-Responsive Liquid Crystalline Components. Journal of Physical Chemistry B, 2013, 117, 10203-10210.	2.6	38
106	Novel RAFT amphiphilic brush copolymer steric stabilisers for cubosomes: poly(octadecyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (	2.7	38
107	pH-Responsive Micelles Based on Caprylic Acid. Langmuir, 2014, 30, 7296-7303.	3.5	38
108	The impact of digestion is essential to the understanding of milk as a drug delivery system for poorly water soluble drugs. Journal of Controlled Release, 2018, 292, 13-17.	9.9	38

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109	Submicron Dispersions of Hexosomes Based on Novel Glycerate Surfactants. Australian Journal of Chemistry, 2005, 58, 683.	0.9	37
110	The Effect of Administered Dose of Lipid-Based Formulations on the In Vitro and In Vivo Performance of Cinnarizine as a Model Poorly Water-Soluble Drug. Journal of Pharmaceutical Sciences, 2013, 102, 565-578.	3.3	37
111	Generation of Geometrically Ordered Lipid-Based Liquid-Crystalline Nanoparticles Using Biologically Relevant Enzymatic Processing. Langmuir, 2014, 30, 5373-5377.	3.5	36
112	Solubilisation behaviour of poorly water-soluble drugs during digestion of solid SMEDDS. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 236-246.	4.3	36
113	Co-delivery of RNAi and chemokine by polyarginine nanocapsules enables the modulation of myeloid-derived suppressor cells. Journal of Controlled Release, 2019, 295, 60-73.	9.9	36
114	Alkyl Chain Positional Isomers of Dodecyl Î²-d-Glucoside:Â Thermotropic and Lyotropic Phase Behavior and Detergency. Langmuir, 2001, 17, 6100-6107.	3.5	34
115	Structural Aspects of Digestion of Medium Chain Triglycerides Studied in Real Time Using sSAXS and Cryo-TEM. Pharmaceutical Research, 2013, 30, 3088-3100.	3.5	34
116	Bacterial lipase triggers the release of antibiotics from digestible liquid crystal nanoparticles. Journal of Controlled Release, 2020, 319, 168-182.	9.9	34
117	Transfer of lipid and phase reorganisation in self-assembled liquid crystal nanostructured particles based on phytantriol. Physical Chemistry Chemical Physics, 2011, 13, 3026.	2.8	33
118	Interaction of Colistin and Colistin Methanesulfonate with Liposomes: Colloidal Aspects and Implications for Formulation. Journal of Pharmaceutical Sciences, 2012, 101, 3347-3359.	3.3	33
119	Novel Steric Stabilizers for Lyotropic Liquid Crystalline Nanoparticles: PEGylated-Phytanyl Copolymers. Langmuir, 2015, 31, 2615-2629.	3.5	33
120	Porous nanostructure controls kinetics, disposition and self-assembly structure of lipid digestion products. RSC Advances, 2016, 6, 78385-78395.	3.6	33
121	Lipid-Based Formulations Can Enable the Model Poorly Water-Soluble Weakly Basic Drug Cinnarizine To Precipitate in an Amorphous-Salt Form During In Vitro Digestion. Molecular Pharmaceutics, 2016, 13, 3783-3793.	4.6	33
122	Understanding the Interfacial Properties of Nanostructured Liquid Crystalline Materials for Surface-Specific Delivery Applications. Langmuir, 2012, 28, 13485-13495.	3.5	31
123	Pluronic-Functionalized Silicaâ€“Lipid Hybrid Microparticles: Improving the Oral Delivery of Poorly Water-Soluble Weak Bases. Molecular Pharmaceutics, 2015, 12, 4424-4433.	4.6	30
124	Clickable Cubosomes for Antibody-Free Drug Targeting and Imaging Applications. Bioconjugate Chemistry, 2018, 29, 149-157.	3.6	30
125	Spray dried cubosomes with ovalbumin and Quil-A as a nanoparticulate dry powder vaccine formulation. International Journal of Pharmaceutics, 2018, 550, 35-44.	5.2	30
126	External manipulation of nanostructure in photoresponsive lipid depot matrix to control and predict drug release in vivo. Journal of Controlled Release, 2016, 228, 67-73.	9.9	29

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127	Nanostructured reverse hexagonal liquid crystals sustain plasma concentrations for a poorly water-soluble drug after oral administration. Drug Delivery and Translational Research, 2011, 1, 429-438.	5.8	28
128	Physicochemical Aspects of the Coformulation of Colistin and Azithromycin Using Liposomes for Combination Antibiotic Therapies. Journal of Pharmaceutical Sciences, 2013, 102, 1578-1587.	3.3	28
129	Understanding the photothermal heating effect in non-lamellar liquid crystalline systems, and the design of new mixed lipid systems for photothermal on-demand drug delivery. Physical Chemistry Chemical Physics, 2014, 16, 24936-24953.	2.8	28
130	Synergistic role of self-emulsifying lipids and nanostructured porous silica particles in optimizing the oral delivery of lovastatin. Nanomedicine, 2014, 9, 2745-2759.	3.3	28
131	Alkylation of Spiropyran Moiety Provides Reversible Photo-Control over Nanostructured Soft Materials. Biointerphases, 2012, 7, 3.	1.6	27
132	Pulmonary Delivery of the Kv1.3-Blocking Peptide HsTX1[R14A] for the Treatment of Autoimmune Diseases. Journal of Pharmaceutical Sciences, 2016, 105, 650-656.	3.3	27
133	Inclusion of Digestible Surfactants in Solid SMEDDS Formulation Removes Lag Time and Influences the Formation of Structured Particles During Digestion. AAPS Journal, 2017, 19, 754-764.	4.4	27
134	Garlic-inspired trisulfide linkers for thiol-stimulated H₂S release. Chemical Communications, 2017, 53, 8030-8033.	4.1	27
135	Nano-fats for bugs: the benefits of lipid nanoparticles for antimicrobial therapy. Drug Delivery and Translational Research, 2021, 11, 1598-1624.	5.8	27
136	Aqueous ROPISA of Î±-amino acid N-carboxyanhydrides: polypeptide block secondary structure controls nanoparticle shape anisotropy. Polymer Chemistry, 2021, 12, 6242-6251.	3.9	27
137	Positron annihilation lifetime spectroscopy (PALS): a probe for molecular organisation in self-assembled biomimetic systems. Physical Chemistry Chemical Physics, 2015, 17, 17527-17540.	2.8	26
138	Buccal mucosal delivery of a potent peptide leads to therapeutically-relevant plasma concentrations for the treatment of autoimmune diseases. Journal of Controlled Release, 2015, 199, 37-44.	9.9	26
139	Local inflammation alters the lung disposition of a drug loaded pegylated liposome after pulmonary dosing to rats. Journal of Controlled Release, 2019, 307, 32-43.	9.9	26
140	Visible light-triggered cargo release from donor acceptor Stenhouse adduct (DASA)-doped lyotropic liquid crystalline nanoparticles. Journal of Colloid and Interface Science, 2019, 548, 151-159.	9.4	26
141	Correlating Digestion-Driven Self-Assembly in Milk and Infant Formulas with Changes in Lipid Composition. ACS Applied Bio Materials, 2020, 3, 3087-3098.	4.6	26
142	Removal of a solid organic soil from a hard surface by glucose-derived surfactants: effect of surfactant chain length, headgroup polymerisation and anomeric configuration. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 169, 317-328.	4.7	25
143	Structural Elucidation of Rapid Solution-Mediated Phase Transitions in Pharmaceutical Solids Using in Situ Synchrotron SAXS/WAXS. Molecular Pharmaceutics, 2012, 9, 2787-2791.	4.6	25
144	Formation of Liquid-Crystalline Structures in the Bile Saltâ€“Chitosan System and Triggered Release from Lamellar Phase Bile Saltâ€“Chitosan Capsules. ACS Applied Materials & Interfaces, 2014, 6, 12363-12371.	8.0	25

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145	Suggested Procedures for the Reproducible Synthesis of Poly(d,l-lactideco-glycolide) Nanoparticles Using the Emulsification Solvent Diffusion Platform. Current Nanoscience, 2018, 14, 448-453.	1.2	25
146	pH-Driven Colloidal Transformations Based on the Vasoactive Drug Nicergoline. Langmuir, 2014, 30, 14776-14781.	3.5	24
147	Preliminary consultation on preferred product characteristics of benzathine penicillin G for secondary prophylaxis of rheumatic fever. Drug Delivery and Translational Research, 2016, 6, 572-578.	5.8	24
148	Interactions of Artefenomel (OZ439) with Milk during Digestion: Insights into Digestion-Driven Solubilization and Polymorphic Transformations. Molecular Pharmaceutics, 2018, 15, 3535-3544.	4.6	24
149	Impact of Ferroquine on the Solubilization of Artefenomel (OZ439) during in Vitro Lipolysis in Milk and Implications for Oral Combination Therapy for Malaria. Molecular Pharmaceutics, 2019, 16, 1658-1668.	4.6	24
150	Synergistic and antagonistic effects of non-ionic surfactants with bile saltÂ+Âphospholipid mixed micelles on the solubility of poorly water-soluble drugs. International Journal of Pharmaceutics, 2020, 588, 119762.	5.2	24
151	Comparison of cubosomes and hexosomes for the delivery of phenytoin to the brain. Journal of Colloid and Interface Science, 2022, 605, 146-154.	9.4	24
152	Chiral Glucose-Derived Surfactants:Â The Effect of Stereochemistry on Thermotropic and Lyotropic Phase Behavior. Langmuir, 2002, 18, 597-601.	3.5	23
153	Selective deuteration for molecular insights into the digestion of medium chain triglycerides. Chemistry and Physics of Lipids, 2015, 190, 43-50.	3.2	23
154	Extending the Excitation Wavelength of Potential Photosensitizers via Appendage of a Kinetically Stable Terbium(III) Macrocyclic Complex for Applications in Photodynamic Therapy. Inorganic Chemistry, 2017, 56, 7960-7974.	4.0	23
155	Anhydrate to hydrate solid-state transformations of carbamazepine and nitrofurantoin in biorelevant media studied in situ using time-resolved synchrotron X-ray diffraction. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 100, 119-127.	4.3	22
156	PEGylation and surface functionalization of liposomes containing drug nanocrystals for cell-targeted delivery. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110362.	5.0	22
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