

Clive A Prestidge

List of Publications by Year in descending order

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227
papers

8,068
citations

50276

46
h-index

82547

72
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229
all docs

229
docs citations

229
times ranked

9484
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimum information reporting in bio-nano experimental literature. <i>Nature Nanotechnology</i> , 2018, 13, 777-785.	31.5	455
2	Targeted drug delivery using genetically engineered diatom biosilica. <i>Nature Communications</i> , 2015, 6, 8791.	12.8	226
3	Prodrug and nanomedicine approaches for the delivery of the camptothecin analogue SN38. <i>Journal of Controlled Release</i> , 2013, 172, 48-61.	9.9	167
4	Silica-lipid hybrid (SLH) microcapsules: A novel oral delivery system for poorly soluble drugs. <i>Journal of Controlled Release</i> , 2009, 134, 62-70.	9.9	154
5	Transforming Lipid-Based Oral Drug Delivery Systems into Solid Dosage Forms: An Overview of Solid Carriers, Physicochemical Properties, and Biopharmaceutical Performance. <i>Pharmaceutical Research</i> , 2013, 30, 2993-3017.	3.5	132
6	Silica nanoparticle coated liposomes: A new type of hybrid nanocapsule for proteins. <i>International Journal of Pharmaceutics</i> , 2010, 392, 285-293.	5.2	129
7	Oxidized Mesoporous Silicon Microparticles for Improved Oral Delivery of Poorly Soluble Drugs. <i>Molecular Pharmaceutics</i> , 2010, 7, 227-236.	4.6	128
8	Mesoporous silicon: a platform for the delivery of therapeutics. <i>Expert Opinion on Drug Delivery</i> , 2007, 4, 101-110.	5.0	115
9	Surface chemistry of porous silicon and implications for drug encapsulation and delivery applications. <i>Advances in Colloid and Interface Science</i> , 2012, 175, 25-38.	14.7	107
10	Nanoparticle layers controlling drug release from emulsions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 39-47.	4.3	103
11	Synergistic effect of silica nanoparticles and charged surfactants in the formation and stability of submicron oil-in-water emulsions. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 6426.	2.8	99
12	A systematic investigation of the effect of the fluid shear stress on Caco-2 cells towards the optimization of epithelial organ-on-chip models. <i>Biomaterials</i> , 2019, 225, 119521.	11.4	98
13	Dry Hybrid Lipid-Silica Microcapsules Engineered from Submicron Lipid Droplets and Nanoparticles as a Novel Delivery System for Poorly Soluble Drugs. <i>Molecular Pharmaceutics</i> , 2009, 6, 861-872.	4.6	90
14	Irradiation Effects During XPS Studies of Cu(II) Activation of Zinc Sulphide. <i>Surface and Interface Analysis</i> , 1996, 24, 620-626.	1.8	88
15	A novel dry powder inhalable formulation incorporating three first-line anti-tubercular antibiotics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 285-292.	4.3	86
16	Polymer-lipid hybrid systems: merging the benefits of polymeric and lipid-based nanocarriers to improve oral drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 691-707.	5.0	80
17	PEO-PPO-PEO Block Copolymers at the Emulsion Droplet-Water Interface. <i>Langmuir</i> , 2000, 16, 4116-4121.	3.5	79
18	Chemical stability and phase distribution of all-trans-retinol in nanoparticle-coated emulsions. <i>International Journal of Pharmaceutics</i> , 2009, 376, 186-194.	5.2	78

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19	Silica Materials in Drug Delivery Applications. <i>Current Drug Discovery Technologies</i> , 2011, 8, 250-268.	1.2	78
20	Intestine-on-a-Chip Microfluidic Model for Efficient in Vitro Screening of Oral Chemotherapeutic Uptake. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 951-959.	5.2	78
21	Self-nanoemulsifying drug delivery systems for oral insulin delivery: In vitro and in vivo evaluations of enteric coating and drug loading. <i>International Journal of Pharmaceutics</i> , 2014, 477, 390-398.	5.2	77
22	Silica Nanoparticles To Control the Lipase-Mediated Digestion of Lipid-Based Oral Delivery Systems. <i>Molecular Pharmaceutics</i> , 2010, 7, 522-532.	4.6	76
23	Solidification to improve the biopharmaceutical performance of SEDDS: Opportunities and challenges. <i>Advanced Drug Delivery Reviews</i> , 2019, 142, 102-117.	13.7	76
24	Copper(II) activation and cyanide deactivation of zinc sulphide under mildly alkaline conditions. <i>Applied Surface Science</i> , 1997, 108, 333-344.	6.1	73
25	Nanoparticle Coated Submicron Emulsions: Sustained In-vitro Release and Improved Dermal Delivery of All-trans-retinol. <i>Pharmaceutical Research</i> , 2009, 26, 1764-1775.	3.5	71
26	Hydrophilic Silica Nanoparticles at the PDMS Droplet-Water Interface. <i>Langmuir</i> , 2003, 19, 3785-3792.	3.5	70
27	Nanoparticles of Varying Hydrophobicity at the Emulsion Droplet-Water Interface: Adsorption and Coalescence Stability. <i>Langmuir</i> , 2004, 20, 8357-8365.	3.5	70
28	An oral delivery system for indomethacin engineered from cationic lipid emulsions and silica nanoparticles. <i>Journal of Controlled Release</i> , 2010, 143, 367-373.	9.9	65
29	Deformation and nano-rheology of red blood cells: An AFM investigation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 50, 43-48.	5.0	63
30	An AFM Study of the Deformation and Nanorheology of Cross-Linked PDMS Droplets. <i>Langmuir</i> , 2002, 18, 1674-1679.	3.5	61
31	Nanoparticle encapsulation of emulsion droplets. <i>International Journal of Pharmaceutics</i> , 2006, 324, 92-100.	5.2	59
32	Contact Angle Studies of Galena Particles. <i>Journal of Colloid and Interface Science</i> , 1995, 172, 302-310.	9.4	58
33	A Topical Hydrogel with Deferiprone and Gallium-Protoporphyrin Targets Bacterial Iron Metabolism and Has Antibiofilm Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	58
34	First in man bioavailability and tolerability studies of a silica-lipid hybrid (Lipoceramic) formulation: a Phase I study with ibuprofen. <i>Drug Delivery and Translational Research</i> , 2014, 4, 212-221.	5.8	57
35	Enhancing oral bioavailability of poorly soluble drugs with mesoporous silica based systems: opportunities and challenges. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 349-358.	2.0	56
36	Distribution and Inhibition of Liposomes on <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> Biofilm. <i>PLoS ONE</i> , 2015, 10, e0131806.	2.5	55

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37	PAMAM Dendrimer Interactions with Supported Lipid Bilayers: A Kinetic and Mechanistic Investigation. <i>Langmuir</i> , 2008, 24, 13532-13539.	3.5	54
38	Novel Nanostructured Solid Materials for Modulating Oral Drug Delivery from Solid-State Lipid-Based Drug Delivery Systems. <i>AAPS Journal</i> , 2016, 18, 23-40.	4.4	54
39	Adsorption of Ethyl(hydroxyethyl)cellulose onto Silica Particles: The Role of Surface Chemistry and Temperature. <i>Journal of Colloid and Interface Science</i> , 2000, 228, 297-305.	9.4	52
40	PEGylation of Porous Silicon Using Click Chemistry. <i>Langmuir</i> , 2008, 24, 7625-7627.	3.5	51
41	Lipophilic Prodrugs of SN38: Synthesis and in Vitro Characterization toward Oral Chemotherapy. <i>Molecular Pharmaceutics</i> , 2016, 13, 287-294.	4.6	51
42	Interactions of hydrophilic silica nanoparticles and classical surfactants at non-polar oil/water interface. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 217-225.	9.4	50
43	The Role of Porous Nanostructure in Controlling Lipase-Mediated Digestion of Lipid Loaded into Silica Particles. <i>Langmuir</i> , 2014, 30, 2779-2788.	3.5	50
44	Face specific surface properties of pharmaceutical crystals. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 1432-1444.	3.3	49
45	Surface analysis for compositional, chemical and structural imaging in pharmaceuticals with mass spectrometry: A ToF-SIMS perspective. <i>International Journal of Pharmaceutics</i> , 2011, 417, 61-69.	5.2	49
46	Wettability studies of morphine sulfate powders. <i>International Journal of Pharmaceutics</i> , 2000, 198, 201-212.	5.2	47
47	Hybrid Nanomaterials that Mimic the Food Effect: Controlling Enzymatic Digestion for Enhanced Oral Drug Absorption. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5475-5479.	13.8	47
48	Deferiprone and Gallium-Protoporphyrin Have the Capacity to Potentiate the Activity of Antibiotics in <i>Staphylococcus aureus</i> Small Colony Variants. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 280.	3.9	47
49	The competitive adsorption of cyanide and ethyl xanthate on pyrite and pyrrhotite surfaces. <i>International Journal of Mineral Processing</i> , 1993, 38, 205-233.	2.6	46
50	Thermal Oxidation for Controlling Protein Interactions with Porous Silicon. <i>Langmuir</i> , 2010, 26, 14316-14322.	3.5	46
51	Adsorption of Hydrophobic Silica Nanoparticles at the PDMS Droplet/Water Interface. <i>Langmuir</i> , 2003, 19, 8364-8370.	3.5	45
52	Rifampicin-Loaded Mesoporous Silica Nanoparticles for the Treatment of Intracellular Infections. <i>Antibiotics</i> , 2019, 8, 39.	3.7	45
53	Bioinspired drug delivery strategies for repurposing conventional antibiotics against intracellular infections. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113948.	13.7	45
54	Application of time-dependent sessile drop contact angles on compacts to characterise the surface energetics of sulfathiazole crystals. <i>International Journal of Pharmaceutics</i> , 2002, 234, 43-54.	5.2	44

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55	Mechanistic Insight into Cell Growth, Internalization, and Cytotoxicity of PAMAM Dendrimers. <i>Biomacromolecules</i> , 2010, 11, 382-389.	5.4	44
56	Silica-Lipid Hybrid (SLH) Versus Non-lipid Formulations for Optimising the Dose-Dependent Oral Absorption of Celecoxib. <i>Pharmaceutical Research</i> , 2011, 28, 2273-2287.	3.5	44
57	Silica-lipid hybrid (SLH) formulations enhance the oral bioavailability and efficacy of celecoxib: An in vivo evaluation. <i>Journal of Controlled Release</i> , 2013, 167, 85-91.	9.9	44
58	Polymer and particle adsorption at the PDMS droplet-water interface. <i>Advances in Colloid and Interface Science</i> , 2004, 108-109, 105-118.	14.7	43
59	Taking the Silver Bullet Colloidal Silver Particles for the Topical Treatment of Biofilm-Related Infections. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21631-21638.	8.0	43
60	Efficacy of Poly-Lactic-Co-Glycolic Acid Micro- and Nanoparticles of Ciprofloxacin Against Bacterial Biofilms. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 3115-3122.	3.3	42
61	Determination of the Separation in Colloid Probe Atomic Force Microscopy of Deformable Bodies. <i>Langmuir</i> , 2001, 17, 7955-7956.	3.5	41
62	Enabling Oral SN38-Based Chemotherapy with a Combined Lipophilic Prodrug and Self-Microemulsifying Drug Delivery System. <i>Molecular Pharmaceutics</i> , 2016, 13, 3518-3525.	4.6	41
63	Impact of Thermal Oxidation on the Adsorptive Properties and Structure of Porous Silicon Particles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 9717-9722.	3.1	40
64	Assembling nanoparticle coatings to improve the drug delivery performance of lipid based colloids. <i>Nanoscale</i> , 2012, 4, 1220-1230.	5.6	40
65	Self-assembled structures formed during lipid digestion: characterization and implications for oral lipid-based drug delivery systems. <i>Drug Delivery and Translational Research</i> , 2014, 4, 275-294.	5.8	40
66	The Unusual Colloid Stability of Gibbsite at High pH. <i>Journal of Colloid and Interface Science</i> , 1998, 203, 115-121.	9.4	39
67	Adsorption of Nonlamellar Nanostructured Liquid-Crystalline Particles to Biorelevant Surfaces for Improved Delivery of Bioactive Compounds. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1771-1780.	8.0	39
68	Mind the GaP in vitro efficacy of deferiprone and gallium protoporphyrin against <i>Staphylococcus aureus</i> biofilms. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 737-743.	2.8	39
69	Liposome-Encapsulated ISMN: A Novel Nitric Oxide-Based Therapeutic Agent against <i>Staphylococcus aureus</i> Biofilms. <i>PLoS ONE</i> , 2014, 9, e92117.	2.5	39
70	Aqueous and Thermal Oxidation of Porous Silicon Microparticles: Implications on Molecular Interactions. <i>Langmuir</i> , 2008, 24, 14222-14226.	3.5	38
71	Supersaturated silica-lipid hybrids (super-SLH): An improved solid-state lipid-based oral drug delivery system with enhanced drug loading. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 125, 13-20.	4.3	38
72	An update on polymer-lipid hybrid systems for improving oral drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 507-524.	5.0	38

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73	Toll-like receptor 4 (TLR4) antagonists as potential therapeutics for intestinal inflammation. <i>Indian Journal of Gastroenterology</i> , 2021, 40, 5-21.	1.4	38
74	The role of cyanide in the interaction of ethyl xanthate with galena. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1993, 81, 103-119.	4.7	37
75	The encapsulation and release of guanosine from PEGylated liposomes. <i>Journal of Liposome Research</i> , 2009, 19, 29-36.	3.3	37
76	Tobramycin Liquid Crystal Nanoparticles Eradicate Cystic Fibrosis-Related <i>Pseudomonas aeruginosa</i> Biofilms. <i>Small</i> , 2021, 17, e2100531.	10.0	37
77	Expanding the Therapeutic Potential of Statins by Means of Nanotechnology Enabled Drug Delivery Systems. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1182-1193.	2.1	37
78	Generation of Geometrically Ordered Lipid-Based Liquid-Crystalline Nanoparticles Using Biologically Relevant Enzymatic Processing. <i>Langmuir</i> , 2014, 30, 5373-5377.	3.5	36
79	Nanostructured Montmorillonite Clay for Controlling the Lipase-Mediated Digestion of Medium Chain Triglycerides. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32732-32742.	8.0	36
80	Oral nanomedicine approaches for the treatment of psychiatric illnesses. <i>Journal of Controlled Release</i> , 2016, 223, 137-156.	9.9	36
81	Oral formulation strategies to improve the bioavailability and mitigate the food effect of abiraterone acetate. <i>International Journal of Pharmaceutics</i> , 2020, 577, 119069.	5.2	36
82	The interaction of ethyl xanthate with copper(II)-activated zinc sulphide: Kinetic effects. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1994, 85, 51-68.	4.7	35
83	Detecting the Presence of Denatured Human Serum Albumin in an Adsorbed Protein Monolayer Using TOF-SIMS. <i>Langmuir</i> , 2010, 26, 12075-12080.	3.5	35
84	Plasma functionalized PDMS microfluidic chips: towards point-of-care capture of circulating tumor cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 8841.	6.7	34
85	Structural Aspects of Digestion of Medium Chain Triglycerides Studied in Real Time Using sSAXS and Cryo-TEM. <i>Pharmaceutical Research</i> , 2013, 30, 3088-3100.	3.5	34
86	Bacterial lipase triggers the release of antibiotics from digestible liquid crystal nanoparticles. <i>Journal of Controlled Release</i> , 2020, 319, 168-182.	9.9	34
87	Poly(lactic-co-glycolic) Acid-Lipid Hybrid Microparticles Enhance the Intracellular Uptake and Antibacterial Activity of Rifampicin. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8030-8039.	8.0	34
88	Nanostructuring Biomaterials with Specific Activities towards Digestive Enzymes for Controlled Gastrointestinal Absorption of Lipophilic Bioactive Molecules. <i>Advances in Colloid and Interface Science</i> , 2016, 237, 52-75.	14.7	34
89	A lipid based multi-compartmental system: Liposomes-in-double emulsion for oral vaccine delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 15-21.	4.3	33
90	Porous nanostructure controls kinetics, disposition and self-assembly structure of lipid digestion products. <i>RSC Advances</i> , 2016, 6, 78385-78395.	3.6	33

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91	Chemisorption of linear and cyclic polymethylsiloxanes on alumina studied by Fourier-transform infrared spectroscopy. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 1377.	1.7	32
92	Enhancing the therapeutic use of biofilm-dispersing enzymes with smart drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 113916.	13.7	32
93	The Influence of Alkali Metal Ions on Homogeneous Nucleation of Al(OH) ₃ Crystals from Supersaturated Caustic Aluminate Solutions. <i>Journal of Colloid and Interface Science</i> , 2000, 224, 317-324.	9.4	31
94	Understanding the Interfacial Properties of Nanostructured Liquid Crystalline Materials for Surface-Specific Delivery Applications. <i>Langmuir</i> , 2012, 28, 13485-13495.	3.5	31
95	Orientating lipase molecules through surface chemical control for enhanced activity: A QCM-D and ToF-SIMS investigation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 173-181.	5.0	31
96	Dual-Action Cancer Therapy with Targeted Porous Silicon Nanovectors. <i>Small</i> , 2017, 13, 1701201.	10.0	31
97	Temperature-induced gelation of emulsions stabilised by responsive copolymers: A rheological study. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 96-102.	2.8	30
98	Silica-lipid hybrid microcapsules: Influence of lipid and emulsifier type on in vitro performance. <i>International Journal of Pharmaceutics</i> , 2011, 409, 297-306.	5.2	30
99	Pluronic-Functionalized Silica-Lipid Hybrid Microparticles: Improving the Oral Delivery of Poorly Water-Soluble Weak Bases. <i>Molecular Pharmaceutics</i> , 2015, 12, 4424-4433.	4.6	30
100	Bioactive Hybrid Particles from Poly(D,L-lactide-co-glycolide) Nanoparticle Stabilized Lipid Droplets. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17460-17470.	8.0	30
101	Silica encapsulated lipid-based drug delivery systems for reducing the fed/fasted variations of ziprasidone in vitro. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 101, 33-42.	4.3	30
102	Enzyme responsive copolymer micelles enhance the anti-biofilm efficacy of the antiseptic chlorhexidine. <i>International Journal of Pharmaceutics</i> , 2019, 566, 329-341.	5.2	30
103	Nanomaterials enabling clinical translation of antimicrobial photodynamic therapy. <i>Journal of Controlled Release</i> , 2022, 346, 300-316.	9.9	30
104	Colloidosomes from the Controlled Interaction of Submicrometer Triglyceride Droplets and Hydrophilic Silica Nanoparticles. <i>Langmuir</i> , 2008, 24, 7132-7137.	3.5	29
105	Recent advances in porous silicon technology for drug delivery. <i>Therapeutic Delivery</i> , 2013, 4, 811-823.	2.2	29
106	An in vivo safety and efficacy demonstration of a topical liposomal nitric oxide donor treatment for <i>Staphylococcus aureus</i> biofilm-associated rhinosinusitis. <i>Translational Research</i> , 2015, 166, 683-692.	5.0	29
107	Use of TOF-SIMS to study adsorption and loading behavior of methylene blue and papain in a nano-porous silicon layer. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 254-260.	2.8	28
108	Mechanistic insight into the dermal delivery from nanoparticle-coated submicron O/W emulsions. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 890-904.	3.3	28

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109	Surface chemical modification to control molecular interactions with porous silicon. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 327-333.	9.4	28
110	Synergistic role of self-emulsifying lipids and nanostructured porous silica particles in optimizing the oral delivery of lovastatin. <i>Nanomedicine</i> , 2014, 9, 2745-2759.	3.3	28
111	Quatsomes for the treatment of <i>Staphylococcus aureus</i> biofilm. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2770-2777.	5.8	28
112	Solid-state nanoparticle coated emulsions for encapsulation and improving the chemical stability of all-trans-retinol. <i>International Journal of Pharmaceutics</i> , 2012, 423, 384-391.	5.2	27
113	Tableting Lipid-Based Formulations for Oral Drug Delivery: A Case Study with Silica Nanoparticle-“Lipid”-Mannitol Hybrid Microparticles. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 684-693.	3.3	27
114	Perspective and potential of oral lipid-based delivery to optimize pharmacological therapies against cardiovascular diseases. <i>Journal of Controlled Release</i> , 2014, 193, 174-187.	9.9	27
115	Interfacial processes that modulate the kinetics of lipase-mediated catalysis using porous silica host particles. <i>RSC Advances</i> , 2016, 6, 43802-43813.	3.6	27
116	Uptake of silica particulate drug carriers in an intestine-on-a-chip: towards a better in vitro model of nanoparticulate carrier and mucus interactions. <i>Biomaterials Science</i> , 2019, 7, 2410-2420.	5.4	27
117	Nano-fats for bugs: the benefits of lipid nanoparticles for antimicrobial therapy. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1598-1624.	5.8	27
118	pH-Responsive copolymer micelles to enhance itraconazole efficacy against <i>Candida albicans</i> biofilms. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1672-1681.	5.8	26
119	Secondary nucleation of gibbsite crystals from synthetic Bayer liquors: effect of alkali metal ions. <i>Journal of Crystal Growth</i> , 2000, 219, 451-464.	1.5	25
120	Biodegradable nitric oxide precursor-loaded micro- and nanoparticles for the treatment of <i>Staphylococcus aureus</i> biofilms. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1005-1014.	5.8	25
121	Montmorillonite-lipid hybrid carriers for ionizable and neutral poorly water-soluble drugs: Formulation, characterization and in vitro lipolysis studies. <i>International Journal of Pharmaceutics</i> , 2017, 526, 95-105.	5.2	25
122	Lyophilized Silica Lipid Hybrid (SLH) Carriers for Poorly Water-Soluble Drugs: Physicochemical and In Vitro Pharmaceutical Investigations. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2950-2959.	3.3	24
123	Enhancing the lipase-mediated bioaccessibility of omega-3 fatty acids by microencapsulation of fish oil droplets within porous silica particles. <i>Journal of Functional Foods</i> , 2018, 47, 491-502.	3.4	24
124	Enhancing the Cellular Uptake and Antibacterial Activity of Rifampicin through Encapsulation in Mesoporous Silica Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 815.	4.1	24
125	Viscosity, Density, and Refractive Index of Aqueous Sodium and Potassium Aluminate Solutions. <i>Journal of Chemical & Engineering Data</i> , 2000, 45, 665-671.	1.9	23
126	Hybrid lipid-silica microcapsules engineered by phase coacervation of Pickering emulsions to enhance lipid hydrolysis. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 7162.	2.8	23

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127	QCM-D and ToF-SIMS Investigation to Deconvolute the Relationship between Lipid Adsorption and Orientation on Lipase Activity. <i>Langmuir</i> , 2015, 31, 10198-10207.	3.5	23
128	A liposome-micelle-hybrid (LMH) oral delivery system for poorly water-soluble drugs: Enhancing solubilisation and intestinal transport. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 338-347.	4.3	23
129	Rheological investigations of ultrafine galena particle slurries under flotation-related conditions. <i>International Journal of Mineral Processing</i> , 1997, 51, 241-254.	2.6	22
130	Oral delivery of protein-based therapeutics: Gastroprotective strategies, physiological barriers and in vitro permeability prediction. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119488.	5.2	22
131	Water Adsorption Kinetics and Contact Angles of Pharmaceutical Powders. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 861-872.	3.3	21
132	Droplet structure instability in concentrated emulsions. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 569-574.	9.4	21
133	Hydrophobic Interactions in Concentrated Colloidal Suspensions: A Rheological Investigation. <i>Journal of Physical Chemistry B</i> , 2004, 108, 12116-12122.	2.6	20
134	Poly(lactic-co-glycolic acid) as a particulate emulsifier. <i>Journal of Colloid and Interface Science</i> , 2012, 375, 142-147.	9.4	20
135	Comparison across Three Hybrid Lipid-Based Drug Delivery Systems for Improving the Oral Absorption of the Poorly Water-Soluble Weak Base Cinnarizine. <i>Molecular Pharmaceutics</i> , 2017, 14, 4008-4018.	4.6	20
136	Engineering intelligent particle-lipid composites that control lipase-mediated digestion. <i>Advances in Colloid and Interface Science</i> , 2018, 260, 1-23.	14.7	20
137	Unlocking the Potential of Organ-on-a-Chip Models through Pumpless and Tubeless Microfluidics. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901784.	7.6	20
138	A safety, tolerability, and pharmacokinetic study of a novel simvastatin silica-lipid hybrid formulation in healthy male participants. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1261-1272.	5.8	20
139	Time-of-flight secondary-ion mass spectrometry for the surface characterization of solid-state pharmaceuticals. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 251-259.	2.4	19
140	Synergistic role of solid lipid and porous silica in improving the oral delivery of weakly basic poorly water soluble drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 96, 508-514.	4.0	19
141	Enhancing the oral bioavailability of simvastatin with silica-lipid hybrid particles: The effect of supersaturation and silica geometry. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 150, 105357.	4.0	19
142	Colloid Probe AFM Investigation of the Influence of Cross-Linking on the Interaction Behavior and Nano-Rheology of Colloidal Droplets. <i>Langmuir</i> , 2005, 21, 12342-12347.	3.5	18
143	Nanoparticle Coated Emulsions as Novel Dermal Delivery Vehicles. <i>Current Drug Delivery</i> , 2009, 6, 367-373.	1.6	18
144	Preclinical development of Ramizol, an antibiotic belonging to a new class, for the treatment of <i>Clostridium difficile</i> colitis. <i>Journal of Antibiotics</i> , 2016, 69, 879-884.	2.0	18

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145	Facilitating gastrointestinal solubilisation and enhanced oral absorption of SN38 using a molecularly complexed silica-lipid hybrid delivery system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 105, 32-39.	4.3	18
146	“Mucus-on-Chip”: A new tool to study the dynamic penetration of nanoparticulate drug carriers into mucus. <i>International Journal of Pharmaceutics</i> , 2021, 598, 120391.	5.2	18
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