Andreas Bernkop-SchnÃ¼rch

List of Publications by Year
in descending order

475 papers	23,361 citations	10650 74 h-index	21239 119 g-index
483 all docs	483 docs citations	483 times ranked	14237 citing authors

#	Article	IF	Citations
1	Development and In Vitro Characterization of Transferrin-Decorated Nanoemulsion Utilizing Hydrophobic Ion Pairing for Targeted Cellular Uptake. Journal of Pharmaceutical Innovation, 2022, 17, 690-700.	1.1	4
2	Thiolated Nanoparticles for Biomedical Applications: Mimicking the Workhorses of Our Body. Advanced Science, 2022, 9, e2102451.	5.6	29
3	Oral delivery of therapeutic peptides and proteins: Technology landscape of lipid-based nanocarriers. Advanced Drug Delivery Reviews, 2022, 182, 114097.	6.6	132
4	Charge-reversal nanoemulsions: A systematic investigation of phosphorylated PEG-based surfactants. International Journal of Pharmaceutics, 2022, 613, 121438.	2.6	3
5	Alkaline Phosphatase: A Reliable Endogenous Partner for Drug Delivery and Diagnostics. Advanced Therapeutics, 2022, 5, .	1.6	34
6	Targeted Self-Emulsifying Drug Delivery Systems to Restore Docetaxel Sensitivity in Resistant Tumors. Pharmaceutics, 2022, 14, 292.	2.0	7
7	Polyaminated pullulan, a new biodegradable and cationic pullulan derivative for mucosal drug delivery. Carbohydrate Polymers, 2022, 282, 119143.	5.1	13
8	Thiolated Hydroxypropyl-Î²-cyclodextrin: A Potential Multifunctional Excipient for Ocular Drug Delivery. International Journal of Molecular Sciences, 2022, 23, 2612.	1.8	22
9	Preparation and Evaluation of Charge Reversal Solid Lipid Nanoparticles. Journal of Pharmaceutical Sciences, 2022, 111, 2270-2279.	1.6	5
10	Synthesis and evaluation of sulfosuccinate-based surfactants as counterions for hydrophobic ion pairing. Acta Biomaterialia, 2022, 144, 54-66.	4.1	14
11	Replacing PEG-surfactants in self-emulsifying drug delivery systems: Surfactants with polyhydroxy head groups for advanced cytosolic drug delivery. International Journal of Pharmaceutics, 2022, 618, 121633.	2.6	9
12	Thiolated Chitosan Conjugated Liposomes for Oral Delivery of Selenium Nanoparticles. Pharmaceutics, 2022, 14, 803.	2.0	7
13	Reactive oxygen species (ROS) in colloidal systems: Are â€œPEG-freeâ€•surfactants the answer?. Journal of Colloid and Interface Science, 2022, 616, 571-583.	5.0	11
14	Emerging technologies to increase gastrointestinal transit times of drug delivery systems. Journal of Controlled Release, 2022, 346, 289-299.	4.8	13
15	Digestion of lipid excipients and lipid-based nanocarriers by pancreatic lipase and pancreatin. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 176, 32-42.	2.0	9
16	SEDDS-loaded mucoadhesive fiber patches for advanced oromucosal delivery of poorly soluble drugs. Journal of Controlled Release, 2022, 348, 692-705.	4.8	5
17	Design of nanostructured lipid carriers and solid lipid nanoparticles for enhanced cellular uptake. International Journal of Pharmaceutics, 2022, 624, 122014.	2.6	17
18	Thiolated Chitosans: A Multi-talented Class of Polymers for Various Applications. Biomacromolecules, 2021, 22, 24-56.	2.6	77

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19	Lysine-Based Biodegradable Surfactants: Increasing the Lipophilicity of Insulin by Hydrophobic Ion Paring. Journal of Pharmaceutical Sciences, 2021, 110, 124-134.	1.6	12
20	Solidification of self-emulsifying drug delivery systems (SEDDS): Impact on storage stability of a therapeutic protein. Journal of Colloid and Interface Science, 2021, 584, 684-697.	5.0	15
21	Zeta potential changing nanoemulsions based on a simple zwitterion. Journal of Colloid and Interface Science, 2021, 585, 126-137.	5.0	33
22	Strategies to prolong the residence time of drug delivery systems on ocular surface. Advances in Colloid and Interface Science, 2021, 288, 102342.	7.0	73
23	Impact of bile salts and a medium chain fatty acid on the physical properties of self-emulsifying drug delivery systems. Drug Development and Industrial Pharmacy, 2021, 47, 22-35.	0.9	12
24	Mucoadhesive Polymers: Gateway to Innovative Drug Delivery. , 2021, , 351-383.		2
25	Thiolated polymeric hydrogels for biomedical application: Cross-linking mechanisms. Journal of Controlled Release, 2021, 330, 470-482.	4.8	90
26	Polyphosphate coatings: A promising strategy to overcome the polycation dilemma. Journal of Colloid and Interface Science, 2021, 587, 279-289.	5.0	21
27	Current challenges and future perspectives in oral absorption research: An opinion of the UNGAP network. Advanced Drug Delivery Reviews, 2021, 171, 289-331.	6.6	84
28	Thiolated cyclodextrins: Mucoadhesive and permeation enhancing excipients for ocular drug delivery. International Journal of Pharmaceutics, 2021, 599, 120451.	2.6	32
29	Charge reversal self-emulsifying drug delivery systems: A comparative study among various phosphorylated surfactants. Journal of Colloid and Interface Science, 2021, 589, 532-544.	5.0	23
30	Imine bond formation as a tool for incorporation of amikacin in self-emulsifying drug delivery systems (SEDDS). European Journal of Pharmaceutics and Biopharmaceutics, 2021, 162, 82-91.	2.0	3
31	Bioinert, Stealth or Interactive: How Surface Chemistry of Nanocarriers Determines Their Fate In Vivo. Advanced Functional Materials, 2021, 31, 2103347.	7.8	41
32	Mucoadhesive properties of polyacrylates: Structure â€" Function relationship. International Journal of Adhesion and Adhesives, 2021, 107, 102857.	1.4	16
33	Size shifting of solid lipid nanoparticle system triggered by alkaline phosphatase for site specific mucosal drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 163, 109-119.	2.0	25
34	Spray-dried mucoadhesive microparticles based on S-protected thiolated hydroxypropyl-Î²-cyclodextrin for budesonide nasal delivery. International Journal of Pharmaceutics, 2021, 603, 120728.	2.6	23
35	Mucolytic self-emulsifying drug delivery systems (SEDDS) containing a hydrophobic ion-pair of proteinase. European Journal of Pharmaceutical Sciences, 2021, 162, 105658.	1.9	5
36	Thiolated pectins: In vitro and ex vivo evaluation of three generations of thiomers. Acta Biomaterialia, 2021, 135, 139-149.	4.1	23

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37	In Vitro Investigation of Thiolated Chitosan Derivatives as Mucoadhesive Coating Materials for Solid Lipid Nanoparticles. Biomacromolecules, 2021, 22, 3980-3991.	2.6	24
38	Nanostructured Lipid Carriers (NLCs) for Oral Peptide Drug Delivery: About the Impact of Surface Decoration. Pharmaceutics, 2021, 13, 1312.	2.0	15
39	Enhanced oral bioavailability of rutin by a self-emulsifying drug delivery system of an extract of calyces from Physalis peruviana. Journal of Drug Delivery Science and Technology, 2021, 66, 102797.	1.4	7
40	Overcoming the Mucosal Barrier: Tetraether Lipidâ€Stabilized Liposomal Nanocarriers Decorated with Cellâ€Penetrating Peptides Enable Oral Delivery of Vancomycin. Advanced Therapeutics, 2021, 4, 2000247.	1.6	16
41	Hydrophobic H-bond pairing: A novel approach to improve membrane permeability. International Journal of Pharmaceutics, 2020, 573, 118863.	2.6	14
42	Storage stability of proteins in a liquid-based formulation: Liquid vs. solid self-emulsifying drug delivery. International Journal of Pharmaceutics, 2020, 590, 119918.	2.6	9
43	Cosolvents in Self-Emulsifying Drug Delivery Systems (SEDDS): Do They Really Solve Our Solubility Problems?. Molecular Pharmaceutics, 2020, 17, 3236-3245.	2.3	23
44	The Effect of Counterions in Hydrophobic Ion Pairs on Oral Bioavailability of Exenatide. ACS Biomaterials Science and Engineering, 2020, 6, 5032-5039.	2.6	17
45	S-Protected thiolated nanostructured lipid carriers exhibiting improved mucoadhesive properties. International Journal of Pharmaceutics, 2020, 587, 119690.	2.6	11
46	Zeta potential changing nanoemulsions based on phosphate moiety cleavage of a PEGylated surfactant. Journal of Molecular Liquids, 2020, 316, 113868.	2.3	25
47	Cellular uptake of self-emulsifying drug-delivery systems: polyethylene glycol versus polyglycerol surface. Nanomedicine, 2020, 15, 1829-1841.	1.7	30
48	Thiolated PVPâ€"Amphotericin B Complexes: An Innovative Approach toward Highly Mucoadhesive Gels for Mucosal Leishmaniasis Treatment. Biomacromolecules, 2020, 21, 3658-3667.	2.6	0
49	Self-Emulsifying Drug Delivery Systems: Hydrophobic Drug Polymer Complexes Provide a Sustained Release in Vitro. Molecular Pharmaceutics, 2020, 17, 3709-3719.	2.3	23
50	A gellan gum derivative as in-situ gelling cationic polymer for nasal drug delivery. International Journal of Biological Macromolecules, 2020, 158, 1037-1046.	3.6	29
51	Hydrophobic ion pairing of a GLP-1 analogue for incorporating into lipid nanocarriers designed for oral delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 152, 10-17.	2.0	29
52	Self-emulsifying drug delivery systems: About the fate of hydrophobic ion pairs on a phospholipid bilayer. Journal of Molecular Liquids, 2020, 312, 113382.	2.3	6
53	Self-emulsifying drug delivery systems containing hydrophobic ion pairs of polymyxin B and agaric acid: A decisive strategy for enhanced antimicrobial activity. Journal of Molecular Liquids, 2020, 311, 113298.	2.3	13
54	Less Reactive Thiol Ligands: Key towards Highly Mucoadhesive Drug Delivery Systems. Polymers, 2020, 12, 1259.	2.0	20

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55	Composite nanocelluloseâ€based hydrogels with spatially oriented degradation and retarded release of macromolecules. Journal of Biomedical Materials Research - Part A, 2020, 108, 1509-1519.	2.1	12
56	Phosphorylated PEG-emulsifier: Powerful tool for development of zeta potential changing self-emulsifying drug delivery systems (SEDDS). European Journal of Pharmaceutics and Biopharmaceutics, 2020, 150, 77-86.	2.0	25
57	Thiolated cyclodextrins: New perspectives for old excipients. Coordination Chemistry Reviews, 2020, 420, 213433.	9.5	22
58	Lipophilic Arginine Esters: The Gateway to Preservatives without Side Effects. Molecular Pharmaceutics, 2020, 17, 3129-3139.	2.3	8
59	Grafting of wool fibers through disulfide bonds: An advanced application of S-protected thiolated starch. International Journal of Biological Macromolecules, 2020, 147, 473-481.	3.6	2
60	Diaminated Starch: A Competitor of Chitosan with Highly Mucoadhesive Properties due to Increased Local Cationic Charge Density. Biomacromolecules, 2020, 21, 999-1008.	2.6	24
61	Tetradeca-thiolated cyclodextrins: Highly mucoadhesive and in-situ gelling oligomers with prolonged mucosal adhesion. International Journal of Pharmaceutics, 2020, 577, 119040.	2.6	22
62	Per-6-Thiolated Cyclodextrins: A Novel Type of Permeation Enhancing Excipients for BCS Class IV Drugs. ACS Applied Materials & Interfaces, 2020, 12, 7942-7950.	4.0	26
63	Characterization of an amino acid based biodegradable surfactant facilitating the incorporation of DNA into lipophilic delivery systems. Journal of Colloid and Interface Science, 2020, 566, 234-241.	5.0	11
64	Development and In Vitro Evaluation of Stearic Acid Phosphotyrosine Amide as New Excipient for Zeta Potential Changing Self-Emulsifying Drug Delivery Systems. Pharmaceutical Research, 2020, 37, 79.	1.7	11
65	About the impact of superassociation of hydrophobic ion pairs on membrane permeability. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 151, 1-8.	2.0	15
66	S-protected thiolated hyaluronic acid: In-situ crosslinking hydrogels for 3D cell culture scaffold. Carbohydrate Polymers, 2020, 237, 116092.	5.1	34
67	Hydrophobic ion pairing (HIP) of (poly)peptide drugs: Benefits and drawbacks of different preparation methods. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 151, 73-80.	2.0	22
68	Zeta potential changing nanoemulsions: Impact of PEG-corona on phosphate cleavage. International Journal of Pharmaceutics, 2020, 581, 119299.	2.6	28
69	Thiolated chitosans: Are Cys-Cys ligands key to the next generation?. Carbohydrate Polymers, 2020, 242, 116395.	5.1	25
70	Strategies for improved hair binding: Keratin fractions and the impact of cationic substructures. International Journal of Biological Macromolecules, 2020, 160, 201-211.	3.6	8
71	Synthesis and in vitro characterization of a preactivated thiolated acrylic acid/acrylamide-methylpropane sulfonic acid copolymer as a mucoadhesive sprayable polymer. International Journal of Pharmaceutics, 2020, 583, 119371.	2.6	8
72	SEDDS: A game changing approach for the oral administration of hydrophilic macromolecular drugs. Advanced Drug Delivery Reviews, 2019, 142, 91-101.	6.6	105

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73	Mucoadhesive hydrogels for buccal drug delivery: In vitro-in vivo correlation study. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 498-505.	2.0	44
74	In vitro evaluation of tumor targeting ability of a parenteral enoxaparin-coated self-emulsifying drug delivery system. Journal of Drug Delivery Science and Technology, 2019, 53, 101144.	1.4	6
75	Self-emulsifying drug delivery systems: In vivo evaluation of their potential for oral vaccination. Acta Biomaterialia, 2019, 94, 425-434.	4.1	14
76	Zeta potential changing self-emulsifying drug delivery systems utilizing a novel Janus-headed surfactant: A promising strategy for enhanced mucus permeation. Journal of Molecular Liquids, 2019, 291, 111285.	2.3	27
77	Improved Intestinal Mucus Permeation of Vancomycin via Incorporation Into Nanocarrier Containing Papain-Palmitate. Journal of Pharmaceutical Sciences, 2019, 108, 3329-3339.	1.6	11
78	Mucoadhesive micro-composites: Chitosan coated halloysite nanotubes for sustained drug delivery. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110527.	2.5	33
79	Thiolated hydroxypropyl-Î²-cyclodextrin as mucoadhesive excipient for oral delivery of budesonide in liquid paediatric formulation. International Journal of Pharmaceutics, 2019, 572, 118820.	2.6	30
80	Self-emulsifying drug delivery systems (SEDDS) â€“ The splendid comeback of an old technology. Advanced Drug Delivery Reviews, 2019, 142, 1-2.	6.6	14
81	Self-emulsifying drug delivery systems comprising chlorhexidine and alkyl-EDTA: A novel approach for augmented antimicrobial activity. Journal of Molecular Liquids, 2019, 295, 111649.	2.3	8
82	Cationic starch derivatives as mucoadhesive and soluble excipients in drug delivery. International Journal of Pharmaceutics, 2019, 570, 118664.	2.6	44
83	Zeta potential changing self-emulsifying drug delivery systems: A promising strategy to sequentially overcome mucus and epithelial barrier. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 144, 40-49.	2.0	38
84	Intestinal enzyme delivery: Chitosan/tripolyphosphate nanoparticles providing a targeted release behind the mucus gel barrier. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 144, 125-131.	2.0	22
85	<i>N</i>-Hydroxysulfosuccinimide Esters versus Thiomers: A Comparative Study Regarding Mucoadhesiveness. Molecular Pharmaceutics, 2019, 16, 1211-1219.	2.3	11
86	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.	1.9	222
87	Imine bond formation: A novel concept to incorporate peptide drugs in self-emulsifying drug delivery systems (SEDDS). European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 92-100.	2.0	11
88	Arginine-based cationic surfactants: Biodegradable auxiliary agents for the formation of hydrophobic ion pairs with hydrophilic macromolecular drugs. Journal of Colloid and Interface Science, 2019, 552, 287-294.	5.0	38
89	Zeta Potential Changing Polyphosphate Nanoparticles: A Promising Approach To Overcome the Mucus and Epithelial Barrier. Molecular Pharmaceutics, 2019, 16, 2817-2825.	2.3	47
90	Hydrophobic ion-pairs and lipid-based nanocarrier systems: The perfect match for delivery of BCS class 3 drugs. Journal of Controlled Release, 2019, 304, 146-155.	4.8	45

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91	Entirely S-Protected Thiolated Silicone: A Novel Hydrophobic Mucoadhesive and Skin Adhesive. Journal of Pharmaceutical Sciences, 2019, 108, 2887-2894.	1.6	10
92	Thiolated polymers: Bioinspired polymers utilizing one of the most important bridging structures in nature. Advanced Drug Delivery Reviews, 2019, 151-152, 191-221.	6.6	88
93	In Vitroâ€"in Vivo Correlation of Mucoadhesion Studies on Buccal Mucosa. Molecular Pharmaceutics, 2019, 16, 2719-2727.	2.3	19
94	Chitosan based micelle with zeta potential changing property for effective mucosal drug delivery. International Journal of Biological Macromolecules, 2019, 133, 647-655.	3.6	37
95	Development and in vitro characterization of an oral self-emulsifying delivery system (SEDDS) for rutin fatty ester with high mucus permeating properties. International Journal of Pharmaceutics, 2019, 562, 180-186.	2.6	18
96	Self-emulsifying drug delivery systems: Impact of stability of hydrophobic ion pairs on drug release. International Journal of Pharmaceutics, 2019, 561, 197-205.	2.6	50
97	Mucoadhesive S-protected thiolated cyclodextrin-iodine complexes: a promising strategy to prolong mucosal residence time of iodine. Future Microbiology, 2019, 14, 411-424.	1.0	19
98	In vitro evaluation of a self-emulsifying drug delivery system (SEDDS) for nasal administration of dimenhydrinate. Drug Delivery and Translational Research, 2019, 9, 945-955.	3.0	14
99	Covalently binding mucoadhesive polymers: N-hydroxysuccinimide grafted polyacrylates. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 139, 161-167.	2.0	14
100	In vitro evaluation of intravesical mucoadhesive self-emulsifying drug delivery systems. International Journal of Pharmaceutics, 2019, 564, 180-187.	2.6	11
101	Oral delivery of non-viral nucleic acid-based therapeutics - do we have the guts for this?. European Journal of Pharmaceutical Sciences, 2019, 133, 190-204.	1.9	64
102	Oral self-emulsifying delivery systems for systemic administration of therapeutic proteins: science fiction?. Journal of Drug Targeting, 2019, 27, 1017-1024.	2.1	22
103	S-protected gellan gum: Decisive approach towards mucoadhesive antimicrobial vaginal films. International Journal of Biological Macromolecules, 2019, 130, 148-157.	3.6	48
104	Reactive keratin derivatives: A promising strategy for covalent binding to hair. Journal of Colloid and Interface Science, 2019, 534, 533-541.	5.0	20
105	Highly mucus permeating and zeta potential changing self-emulsifying drug delivery systems: A potent gene delivery model for causal treatment of cystic fibrosis. International Journal of Pharmaceutics, 2019, 557, 124-134.	2.6	35
106	Development and in vitro evaluation of a self-emulsifying drug delivery system (SEDDS) for oral vancomycin administration. International Journal of Pharmaceutics, 2019, 554, 125-133.	2.6	34
107	Lipids and polymers in pharmaceutical technology: Lifelong companions. International Journal of Pharmaceutics, 2019, 558, 128-142.	2.6	101
108	Self-emulsifying drug delivery systems and cationic surfactants: do they potentiate each other in cytotoxicity?. Journal of Pharmacy and Pharmacology, 2019, 71, 156-166.	1.2	43

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109	Amikacin-containing self-emulsifying delivery systems via pulmonary administration for treatment of bacterial infections of cystic fibrosis patients. Nanomedicine, 2018, 13, 717-732.	1.7	14
110	Mucoadhesive self-emulsifying delivery systems for ocular administration of econazole. International Journal of Pharmaceutics, 2018, 541, 72-80.	2.6	37
111	Surface phosphorylation of nanoparticles by hexokinase: A powerful tool for cellular uptake improvement. Journal of Colloid and Interface Science, 2018, 516, 384-391.	5.0	22
112	Design and evaluation of SEDDS exhibiting high emulsifying properties. Journal of Drug Delivery Science and Technology, 2018, 44, 366-372.	1.4	17
113	Evaluation of dermal adhesive formulations for topical application. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 124, 89-94.	2.0	5
114	Do drug release studies from SEDDS make any sense?. Journal of Controlled Release, 2018, 271, 55-59.	4.8	82
115	Self-emulsifying peptide drug delivery systems: How to make them highly mucus permeating. International Journal of Pharmaceutics, 2018, 538, 159-166.	2.6	101
116	Impact of different hydrophobic ion pairs of octreotide on its oral bioavailability in pigs. Journal of Controlled Release, 2018, 273, 21-29.	4.8	60
117	In vivo evaluation of an oral self-emulsifying drug delivery system (SEDDS) for exenatide. Journal of Controlled Release, 2018, 277, 165-172.	4.8	89
118	Enzyme decorated drug carriers: Targeted swords to cleave and overcome the mucus barrier. Advanced Drug Delivery Reviews, 2018, 124, 164-174.	6.6	60
119	Mucus permeating self-emulsifying drug delivery systems (SEDDS): About the impact of mucolytic enzymes. Colloids and Surfaces B: Biointerfaces, 2018, 161, 228-235.	2.5	32
120	S-preactivated thiolated glycol chitosan useful to combine mucoadhesion and drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 132, 103-111.	2.0	38
121	Advanced formulations for intranasal delivery of biologics. International Journal of Pharmaceutics, 2018, 553, 8-20.	2.6	58
122	Chitosan: The One and Only? Aminated Cellulose as an Innovative Option for Primary Amino Groups Containing Polymers. Biomacromolecules, 2018, 19, 4059-4067.	2.6	20
123	In situ gelling and mucoadhesive polymers: why do they need each other?. Expert Opinion on Drug Delivery, 2018, 15, 1007-1019.	2.4	70
124	Glyceryl ester surfactants: Promising excipients to enhance the cell permeating properties of SEDDS. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 129, 154-161.	2.0	10
125	Anhydrous thiomers: Strategy for enhanced mucoadhesion. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 129, 273-281.	2.0	6
126	New perspectives of starch: Synthesis and in vitro assessment of novel thiolated mucoadhesive derivatives. International Journal of Pharmaceutics, 2018, 546, 70-77.	2.6	20

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127	Development of a nasal spray containing xylometazoline hydrochloride and iota-carrageenan for the symptomatic relief of nasal congestion caused by rhinitis and sinusitis. International Journal of General Medicine, 2018, Volume 11, 275-283.	0.8	50
128	Strategies to overcome the polycation dilemma in drug delivery. Advanced Drug Delivery Reviews, 2018, 136-137, 62-72.	6.6	105
129	Non-ionic thiolated cyclodextrins — the next generation. International Journal of Nanomedicine, 2018, Volume 13, 4003-4013.	3.3	24
130	Thiolated Hyaluronic Acid as Versatile Mucoadhesive Polymer: From the Chemistry Behind to Product Developmentsâ€"What Are the Capabilities?. Polymers, 2018, 10, 243.	2.0	53
131	Trypsin decorated self-emulsifying drug delivery systems (SEDDS): Key to enhanced mucus permeation. Journal of Colloid and Interface Science, 2018, 531, 253-260.	5.0	35
132	S-protected thiolated cyclodextrins as mucoadhesive oligomers for drug delivery. Journal of Colloid and Interface Science, 2018, 531, 261-268.	5.0	43
133	Synthesis and Characterization of Thiolated PVPâ€"Iodine Complexes: Key to Highly Mucoadhesive Antimicrobial Gels. Molecular Pharmaceutics, 2018, 15, 3527-3534.	2.3	16
134	Self-emulsifying drug delivery systems changing their zeta potential via a flip-flop mechanism. International Journal of Pharmaceutics, 2018, 550, 200-206.	2.6	26
135	Development of self-emulsifying drug delivery systems (SEDDS) for ciprofloxacin with improved mucus permeating properties. International Journal of Pharmaceutics, 2018, 547, 282-290.	2.6	24
136	Impact of Surfactants on Skin Penetration of Dexpanthenol. Current Drug Delivery, 2018, 15, 351-356.	0.8	8
137	Preactivated silicone oil as potential long-term vitreous replacement with nonemulsifying properties. , 2017, 105, 551-559.		5
138	Nanocarriers protecting toward an intestinal pre-uptake metabolism. Nanomedicine, 2017, 12, 255-269.	1.7	23
139	About the impact of water movement on the permeation behaviour of nanoparticles in mucus. International Journal of Pharmaceutics, 2017, 517, 279-285.	2.6	22
140	Improved mucoadhesive properties of self-nanoemulsifying drug delivery systems (SNEDDS) by introducing acyl chitosan. International Journal of Pharmaceutics, 2017, 519, 206-212.	2.6	26
141	Storage Stability of Bivalirudin: Hydrophilic Versus Lipophilic Solutions. Journal of Pharmaceutical Sciences, 2017, 106, 1322-1330.	1.6	10
142	Comparison of mucoadhesive and cohesive features of poly(acrylic acid)-conjugates respective their molecular mass. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 113, 149-156.	2.0	5
143	Thiolated chitosan micelles: Highly mucoadhesive drug carriers. Carbohydrate Polymers, 2017, 167, 250-258.	5.1	66
144	Natural dendrimers: Synthesis and in vitro characterization of glycogen-cysteamine conjugates. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 115, 168-176.	2.0	18

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145	Nanoparticular delivery system for a secretoneurin derivative induces angiogenesis in a hind limb ischemia model. Journal of Controlled Release, 2017, 250, 1-8.	4.8	21
146	Hydrophobic ion pairing: Key to highly payloaded self-emulsifying peptide drug delivery systems. International Journal of Pharmaceutics, 2017, 520, 267-274.	2.6	111
147	Zeta-potential-changing nanoparticles conjugated with cell-penetrating peptides for enhanced transfection efficiency. Nanomedicine, 2017, 12, 963-975.	1.7	22
148	Inhibitory effect of emulsifiers in sedds on protease activity: Just an illusion?. International Journal of Pharmaceutics, 2017, 526, 23-30.	2.6	6
149	Lipophilic peptide character â€" What oral barriers fear the most. Journal of Controlled Release, 2017, 255, 242-257.	4.8	51
150	Nasal drug delivery: Design of a novel mucoadhesive and in situ gelling polymer. International Journal of Pharmaceutics, 2017, 517, 196-202.	2.6	45
151	Preactivated thiolated glycogen as mucoadhesive polymer for drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 161-169.	2.0	45
152	Comprehensive mucoadhesive study of anionic polymers and their derivate. European Polymer Journal, 2017, 93, 314-322.	2.6	18
153	Development and <i>in vitro</i> characterization of self-emulsifying drug delivery system (SEDDS) for oral opioid peptide delivery. Drug Development and Industrial Pharmacy, 2017, 43, 1694-1702.	0.9	26
154	Thiomers: Impact of in situ cross-linkers on mucoadhesive properties. European Journal of Pharmaceutical Sciences, 2017, 106, 41-48.	1.9	16
155	Combination of SEDDS and Preactivated Thiomer Technology: Incorporation of a Preactivated Thiolated Amphiphilic Polymer into Self-Emulsifying Delivery Systems. Pharmaceutical Research, 2017, 34, 1171-1179.	1.7	14
156	Comparison of the protective effect of self-emulsifying peptide drug delivery systems towards intestinal proteases and glutathione. International Journal of Pharmaceutics, 2017, 523, 357-365.	2.6	64
157	Self-emulsifying drug delivery systems: Design of a novel vaginal delivery system for curcumin. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 115, 268-275.	2.0	37
158	Development of pre-activated Î±-cyclodextrin as a mucoadhesive excipient for intra-vesical drug delivery. International Journal of Pharmaceutics, 2017, 534, 339-347.	2.6	29
159	Î¶ potential changing nanoparticles as cystic fibrosis transmembrane conductance regulator gene delivery system: an <i>in vitro</i> evaluation. Nanomedicine, 2017, 12, 2713-2724.	1.7	24
160	Entirely S-protected chitosan: A promising mucoadhesive excipient for metronidazole vaginal tablets. Acta Biomaterialia, 2017, 64, 106-115.	4.1	31
161	Protease-functionalized mucus penetrating microparticles: In-vivo evidence for their potential. International Journal of Pharmaceutics, 2017, 532, 177-184.	2.6	18
162	Development and in vitro characterization of a papain loaded mucolytic self-emulsifying drug delivery system (SEDDS). International Journal of Pharmaceutics, 2017, 530, 346-353.	2.6	49

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163	Evaluation of peptide drug delivery via skin barrier-impact of permeation enhancers. Journal of Drug Delivery Science and Technology, 2017, 41, 191-196.	1.4	2
164	Zeta potential changing self-emulsifying drug delivery systems containing phosphorylated polysaccharides. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 264-270.	2.0	45
165	Thiolated polymers: evaluation of their potential as dermoadhesive excipients. Drug Development and Industrial Pharmacy, 2017, 43, 204-212.	0.9	12
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