

Abdul W Basit

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

18,395
citations

9264

74
h-index

14208

128
g-index

216
all docs

216
docs citations

216
times ranked

10830
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting drug-microbiome interactions with machine learning. <i>Biotechnology Advances</i> , 2022, 54, 107797.	11.7	39
2	Machine learning to empower electrohydrodynamic processing. <i>Materials Science and Engineering C</i> , 2022, 132, 112553.	7.3	12
3	A customizable 3D printed device for enzymatic removal of drugs in water. <i>Water Research</i> , 2022, 208, 117861.	11.3	12
4	Machine learning predicts the effect of food on orally administered medicines. <i>International Journal of Pharmaceutics</i> , 2022, 611, 121329.	5.2	4
5	Clinical translation of advanced colonic drug delivery technologies. <i>Advanced Drug Delivery Reviews</i> , 2022, 181, 114076.	13.7	51
6	Pharmaceutical Technology in Europe. <i>International Journal of Pharmaceutics</i> , 2022, 613, 121441.	5.2	0
7	Advancing pharmacy and healthcare with virtual digital technologies. <i>Advanced Drug Delivery Reviews</i> , 2022, 182, 114098.	13.7	45
8	Active Machine learning for formulation of precision probiotics. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121568.	5.2	8
9	Volumetric 3D printing for rapid production of medicines. <i>Additive Manufacturing</i> , 2022, 52, 102673.	3.0	20
10	Printing Drugs onto Nails for Effective Treatment of Onychomycosis. <i>Pharmaceutics</i> , 2022, 14, 448.	4.5	10
11	Prediction of Solid-State Form of SLS 3D Printed Medicines Using NIR and Raman Spectroscopy. <i>Pharmaceutics</i> , 2022, 14, 589.	4.5	30
12	Current clinical translation of microbiome medicines. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 281-292.	8.7	8
13	Sex Differences in Intestinal P-Glycoprotein Expression in Wistar versus Sprague Dawley Rats. <i>Pharmaceutics</i> , 2022, 14, 1030.	4.5	8
14	Machine learning predicts electrospray particle size. <i>Materials and Design</i> , 2022, 219, 110735.	7.0	11
15	Poly(lactic acid)-hyperbranched polyglycerol nanoparticles enhance bioadhesive treatment of esophageal disease and reduce systemic drug exposure. <i>Nanoscale</i> , 2022, 14, 8418-8428.	5.6	5
16	To infinity and beyond: Strategies for fabricating medicines in outer space. <i>International Journal of Pharmaceutics: X</i> , 2022, 4, 100121.	1.6	3
17	Accelerating 3D printing of pharmaceutical products using machine learning. <i>International Journal of Pharmaceutics: X</i> , 2022, 4, 100120.	1.6	9
18	Electrochemical biosensors: a nexus for precision medicine. <i>Drug Discovery Today</i> , 2021, 26, 69-79.	6.4	40

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19	3D printed tacrolimus suppositories for the treatment of ulcerative colitis. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 110-119.	9.1	77
20	Anti-biofilm multi drug-loaded 3D printed hearing aids. <i>Materials Science and Engineering C</i> , 2021, 119, 111606.	7.3	59
21	Vat photopolymerization 3D printing for advanced drug delivery and medical device applications. <i>Journal of Controlled Release</i> , 2021, 329, 743-757.	9.9	189
22	Stereolithography (SLA) 3D printing of a bladder device for intravesical drug delivery. <i>Materials Science and Engineering C</i> , 2021, 120, 111773.	7.3	83
23	Advanced machine-learning techniques in drug discovery. <i>Drug Discovery Today</i> , 2021, 26, 769-777.	6.4	78
24	Additive Manufacturable Materials for Electrochemical Biosensor Electrodes. <i>Advanced Functional Materials</i> , 2021, 31, 2006407.	14.9	58
25	Bitter-blockers as a taste masking strategy: A systematic review towards their utility in pharmaceuticals. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 35-51.	4.3	20
26	Harnessing machine learning for development of microbiome therapeutics. <i>Gut Microbes</i> , 2021, 13, 1-20.	9.8	47
27	Quantification of P-Glycoprotein in the Gastrointestinal Tract of Humans and Rodents: Methodology, Gut Region, Sex, and Species Matter. <i>Molecular Pharmaceutics</i> , 2021, 18, 1895-1904.	4.6	29
28	Semi-solid extrusion 3D printing in drug delivery and biomedicine: Personalised solutions for healthcare challenges. <i>Journal of Controlled Release</i> , 2021, 332, 367-389.	9.9	157
29	5-Aminolevulinic Acid as a Novel Therapeutic for Inflammatory Bowel Disease. <i>Biomedicines</i> , 2021, 9, 578.	3.2	9
30	Fabrication and Characterization of Fast-Dissolving Films Containing Escitalopram/Quetiapine for the Treatment of Major Depressive Disorder. <i>Pharmaceutics</i> , 2021, 13, 891.	4.5	24
31	Advances in powder bed fusion 3D printing in drug delivery and healthcare. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 406-424.	13.7	119
32	Machine Learning Uncovers Adverse Drug Effects on Intestinal Bacteria. <i>Pharmaceutics</i> , 2021, 13, 1026.	4.5	26
33	Impact of gastrointestinal tract variability on oral drug absorption and pharmacokinetics: An UNGAP review. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 162, 105812.	4.0	137
34	Direct Powder Extrusion 3D Printing of Praziquantel to Overcome Neglected Disease Formulation Challenges in Paediatric Populations. <i>Pharmaceutics</i> , 2021, 13, 1114.	4.5	40
35	Translating 3D printed pharmaceuticals: From hype to real-world clinical applications. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 553-575.	13.7	149
36	Editorial: Innovations in 2D and 3D printed pharmaceuticals. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120839.	5.2	3

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37	Harnessing artificial intelligence for the next generation of 3D printed medicines. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113805.	13.7	83
38	Letâ€™s talk about sex: Differences in drug therapy in males and females. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113804.	13.7	74
39	Connected healthcare: Improving patient care using digital health technologies. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113958.	13.7	110
40	3D Printed Punctal Plugs for Controlled Ocular Drug Delivery. <i>Pharmaceutics</i> , 2021, 13, 1421.	4.5	35
41	Optical biosensors - Illuminating the path to personalized drug dosing. <i>Biosensors and Bioelectronics</i> , 2021, 188, 113331.	10.1	30
42	Disrupting 3D printing of medicines with machine learning. <i>Trends in Pharmacological Sciences</i> , 2021, 42, 745-757.	8.7	62
43	Machine learning predicts 3D printing performance of over 900 drug delivery systems. <i>Journal of Controlled Release</i> , 2021, 337, 530-545.	9.9	89
44	Influence of probiotic bacteria on gut microbiota composition and gut wall function in an in-vitro model in patients with Parkinson's disease. <i>International Journal of Pharmaceutics: X</i> , 2021, 3, 100087.	1.6	19
45	Solid oral dosage forms. , 2021, , 333-358.		15
46	Progesterone Metabolism by Human and Rat Hepatic and Intestinal Tissue. <i>Pharmaceutics</i> , 2021, 13, 1707.	4.5	3
47	Smartphone-enabled 3D printing of medicines. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121199.	5.2	39
48	A Non-Nutritive Feeding Intervention Alters the Expression of Efflux Transporters in the Gastrointestinal Tract. <i>Pharmaceutics</i> , 2021, 13, 1789.	4.5	2
49	Machine Learning Predicts Drug Metabolism and Bioaccumulation by Intestinal Microbiota. <i>Pharmaceutics</i> , 2021, 13, 2001.	4.5	17
50	Nanoencapsulation for Probiotic Delivery. <i>ACS Nano</i> , 2021, 15, 18653-18660.	14.6	64
51	Machine Learning and Machine Vision Accelerate 3D Printed Orodispersible Film Development. <i>Pharmaceutics</i> , 2021, 13, 2187.	4.5	21
52	M3DISEEN: A novel machine learning approach for predicting the 3D printability of medicines. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119837.	5.2	131
53	The potential of <i>Streptococcus salivarius</i> oral films in the management of dental caries: An inkjet printing approach. <i>International Journal of Pharmaceutics</i> , 2020, 591, 119962.	5.2	25
54	A 4-strain probiotic supplement influences gut microbiota composition and gut wall function in patients with ulcerative colitis. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119648.	5.2	51

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55	I Spy with My Little Eye: A Paediatric Visual Preferences Survey of 3D Printed Tablets. <i>Pharmaceutics</i> , 2020, 12, 1100.	4.5	84
56	3D Printed Tacrolimus Rectal Formulations Ameliorate Colitis in an Experimental Animal Model of Inflammatory Bowel Disease. <i>Biomedicines</i> , 2020, 8, 563.	3.2	43
57	Modified drug release: Current strategies and novel technologies for oral drug delivery. , 2020, , 177-197.		4
58	Boosting drug bioavailability in men but not women through the action of an excipient. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119678.	5.2	20
59	3D Printing of Tunable Zero-Order Release Printlets. <i>Polymers</i> , 2020, 12, 1769.	4.5	40
60	3D printing tablets: Predicting printability and drug dissolution from rheological data. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119868.	5.2	75
61	Progestogens Are Metabolized by the Gut Microbiota: Implications for Colonic Drug Delivery. <i>Pharmaceutics</i> , 2020, 12, 760.	4.5	20
62	A dual pH and microbiota-triggered coating (Phloralâ„¢) for fail-safe colonic drug release. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119379.	5.2	58
63	Recent innovations in 3D-printed personalized medicines: an interview with Abdul Basit. <i>Journal of 3D Printing in Medicine</i> , 2020, 4, 5-7.	2.0	7
64	3D printing: Principles and pharmaceutical applications of selective laser sintering. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119594.	5.2	209
65	3D printed opioid medicines with alcohol-resistant and abuse-deterrent properties. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119169.	5.2	78
66	3D Printed Tablets (Printlets) with Braille and Moon Patterns for Visually Impaired Patients. <i>Pharmaceutics</i> , 2020, 12, 172.	4.5	106
67	Impact of gastrointestinal physiology on drug absorption in special populationsâ€”An UNGAP review. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 147, 105280.	4.0	142
68	Stereolithography (SLA) 3D printing of an antihypertensive polyprintlet: Case study of an unexpected photopolymer-drug reaction. <i>Additive Manufacturing</i> , 2020, 33, 101071.	3.0	91
69	Non-destructive dose verification of two drugs within 3D printed polyprintlets. <i>International Journal of Pharmaceutics</i> , 2020, 577, 119066.	5.2	79
70	Gastrointestinal Tracking and Gastric Emptying of Coated Capsules in Rats with or without Sedation Using CT imaging. <i>Pharmaceutics</i> , 2020, 12, 81.	4.5	20
71	Selective Laser Sintering 3D Printing of Orally Disintegrating Printlets Containing Ondansetron. <i>Pharmaceutics</i> , 2020, 12, 110.	4.5	125
72	OPTICOREâ„¢, an innovative and accurate colonic targeting technology. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119372.	5.2	46

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73	Effect of Food and an Animal's Sex on P-Glycoprotein Expression and Luminal Fluids in the Gastrointestinal Tract of Wistar Rats. <i>Pharmaceutics</i> , 2020, 12, 296.	4.5	19
74	Robotic screening of intestinal drug absorption. <i>Nature Biomedical Engineering</i> , 2020, 4, 485-486.	22.5	3
75	3D Printing of a Multi-Layered Polypill Containing Six Drugs Using a Novel Stereolithographic Method. <i>Pharmaceutics</i> , 2019, 11, 274.	4.5	233
76	Automated therapy preparation of isoleucine formulations using 3D printing for the treatment of MSUD: First single-centre, prospective, crossover study in patients. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118497.	5.2	171
77	Shaping the future: recent advances of 3D printing in drug delivery and healthcare. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 1081-1094.	5.0	189
78	A thermal ink-jet printing approach for evaluating susceptibility of bacteria to antibiotics. <i>Journal of Microbiological Methods</i> , 2019, 164, 105660.	1.6	5
79	Sex-Dependence in the Effect of Pharmaceutical Excipients: Polyoxyethylated Solubilising Excipients Increase Oral Drug Bioavailability in Male but Not Female Rats. <i>Pharmaceutics</i> , 2019, 11, 228.	4.5	18
80	Track-and-trace: Novel anti-counterfeit measures for 3D printed personalized drug products using smart material inks. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118443.	5.2	86
81	Direct powder extrusion 3D printing: Fabrication of drug products using a novel single-step process. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118471.	5.2	176
82	A Proof of Concept for 3D Printing of Solid Lipid-Based Formulations of Poorly Water-Soluble Drugs to Control Formulation Dispersion Kinetics. <i>Pharmaceutical Research</i> , 2019, 36, 102.	3.5	78
83	The mechanisms of pharmacokinetic food-drug interactions – A perspective from the UNGAP group. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 134, 31-59.	4.0	224
84	3D Printed Pellets (Miniprintlets): A Novel, Multi-Drug, Controlled Release Platform Technology. <i>Pharmaceutics</i> , 2019, 11, 148.	4.5	159
85	A decrease in iron availability to human gut microbiome reduces the growth of potentially pathogenic gut bacteria; an in vitro colonic fermentation study. <i>Journal of Nutritional Biochemistry</i> , 2019, 67, 20-27.	4.2	70
86	An Overview of 3D Printing Technologies for Soft Materials and Potential Opportunities for Lipid-based Drug Delivery Systems. <i>Pharmaceutical Research</i> , 2019, 36, 4.	3.5	151
87	Gut reaction: impact of systemic diseases on gastrointestinal physiology and drug absorption. <i>Drug Discovery Today</i> , 2019, 24, 417-427.	6.4	42
88	A four-strain probiotic exerts positive immunomodulatory effects by enhancing colonic butyrate production in vitro. <i>International Journal of Pharmaceutics</i> , 2019, 555, 1-10.	5.2	81
89	Fecal Microbiota Transplantation Capsules with Targeted Colonic Versus Gastric Delivery in Recurrent <i>Clostridium difficile</i> Infection: A Comparative Cohort Analysis of High and Low Dose. <i>Digestive Diseases and Sciences</i> , 2019, 64, 1672-1678.	2.3	48
90	Use of a water-based probiotic to treat common gut pathogens. <i>International Journal of Pharmaceutics</i> , 2019, 556, 136-141.	5.2	7

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91	Sex differences in the gastrointestinal tract of rats and the implications for oral drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 115, 339-344.	4.0	32
92	An animal's sex influences the effects of the excipient PEG 400 on the intestinal P-gp protein and mRNA levels, which has implications for oral drug absorption. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 120, 53-60.	4.0	21
93	Personalisation of warfarin therapy using thermal ink-jet printing. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 80-87.	4.0	71
94	Fabricating 3D printed orally disintegrating printlets using selective laser sintering. <i>International Journal of Pharmaceutics</i> , 2018, 541, 101-107.	5.2	216
95	Layered gadolinium hydroxides for simultaneous drug delivery and imaging. <i>Dalton Transactions</i> , 2018, 47, 3166-3177.	3.3	22
96	Low temperature fused deposition modeling (FDM) 3D printing of thermolabile drugs. <i>International Journal of Pharmaceutics</i> , 2018, 545, 144-152.	5.2	242
97	Establishing an in vitro permeation model to predict the in vivo sex-related influence of PEG 400 on oral drug absorption. <i>International Journal of Pharmaceutics</i> , 2018, 542, 280-287.	5.2	11
98	3D Printing Pharmaceuticals: Drug Development to Frontline Care. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 440-451.	8.7	336
99	PET/CT imaging of 3D printed devices in the gastrointestinal tract of rodents. <i>International Journal of Pharmaceutics</i> , 2018, 536, 158-164.	5.2	78
100	A slippery slope: On the origin, role and physiology of mucus. <i>Advanced Drug Delivery Reviews</i> , 2018, 124, 16-33.	13.7	130
101	3D printing of drug-loaded gyroid lattices using selective laser sintering. <i>International Journal of Pharmaceutics</i> , 2018, 547, 44-52.	5.2	196
102	Reshaping drug development using 3D printing. <i>Drug Discovery Today</i> , 2018, 23, 1547-1555.	6.4	187
103	All disease begins in the gut: Influence of gastrointestinal disorders and surgery on oral drug performance. <i>International Journal of Pharmaceutics</i> , 2018, 548, 408-422.	5.2	49
104	Printing T3 and T4 oral drug combinations as a novel strategy for hypothyroidism. <i>International Journal of Pharmaceutics</i> , 2018, 549, 363-369.	5.2	64
105	3D printed drug products: Non-destructive dose verification using a rapid point-and-shoot approach. <i>International Journal of Pharmaceutics</i> , 2018, 549, 283-292.	5.2	119
106	3D printed medicines: A new branch of digital healthcare. <i>International Journal of Pharmaceutics</i> , 2018, 548, 586-596.	5.2	184
107	P-glycoprotein expression in the gastrointestinal tract of male and female rats is influenced differently by food. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 569-575.	4.0	16
108	Influence of Geometry on the Drug Release Profiles of Stereolithographic (SLA) 3D-Printed Tablets. <i>AAPS PharmSciTech</i> , 2018, 19, 3355-3361.	3.3	140

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109	The Shape of Things to Come: Emerging Applications of 3D Printing in Healthcare. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 1-19.	0.6	18
110	3D Printing Technologies, Implementation and Regulation: An Overview. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 21-40.	0.6	20
111	Binder Jet Printing in Pharmaceutical Manufacturing. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 41-54.	0.6	30
112	The History, Developments and Opportunities of Stereolithography. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 55-79.	0.6	27
113	Powder Bed Fusion: The Working Process, Current Applications and Opportunities. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 81-105.	0.6	21
114	Fused Deposition Modelling: Advances in Engineering and Medicine. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 107-132.	0.6	18
115	The Role of Semi-Solid Extrusion Printing in Clinical Practice. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 133-151.	0.6	30
116	A New Dimension: 4D Printing Opportunities in Pharmaceuticals. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 153-162.	0.6	14
117	Medical Applications of 3D Printing. AAPS Advances in the Pharmaceutical Sciences Series, 2018, , 163-182.	0.6	2
118	Effect of Oral Testosterone on Steroid Metabolome and Discovery of a Potential Serum Biomarker of UGT2B17 Interindividual Variability. FASEB Journal, 2018, 32, 834.8.	0.5	0
119	Development of modified release 3D printed tablets (printlets) with pharmaceutical excipients using additive manufacturing. International Journal of Pharmaceutics, 2017, 527, 21-30.	5.2	274
120	Patient-specific 3D scanned and 3D printed antimicrobial polycaprolactone wound dressings. International Journal of Pharmaceutics, 2017, 527, 161-170.	5.2	236
121	In vitro inhibition of Clostridium difficile by commercial probiotics: A microcalorimetric study. International Journal of Pharmaceutics, 2017, 517, 96-103.	5.2	30
122	Fabrication of drug-loaded hydrogels with stereolithographic 3D printing. International Journal of Pharmaceutics, 2017, 532, 313-317.	5.2	199
123	Excipient-mediated alteration in drug bioavailability in the rat depends on the sex of the animal. European Journal of Pharmaceutical Sciences, 2017, 107, 249-255.	4.0	13
124	Patient acceptability of 3D printed medicines. International Journal of Pharmaceutics, 2017, 530, 71-78.	5.2	178
125	Targeted delivery of probiotics to enhance gastrointestinal stability and intestinal colonisation. International Journal of Pharmaceutics, 2017, 530, 224-229.	5.2	97
126	Selective laser sintering (SLS) 3D printing of medicines. International Journal of Pharmaceutics, 2017, 529, 285-293.	5.2	378

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127	Fused-filament 3D printing of drug products: Microstructure analysis and drug release characteristics of PVA-based caplets. <i>International Journal of Pharmaceutics</i> , 2016, 514, 290-295.	5.2	192
128	Gastrointestinal stability of therapeutic anti-TNF $\hat{\pm}$ IgG1 monoclonal antibodies. <i>International Journal of Pharmaceutics</i> , 2016, 502, 181-187.	5.2	41
129	Estimating the variability in fraction absorbed as a paradigm for informing formulation development in early clinical drug development. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 50-60.	4.0	2
130	3D scanning and 3D printing as innovative technologies for fabricating personalized topical drug delivery systems. <i>Journal of Controlled Release</i> , 2016, 234, 41-48.	9.9	355
131	Sex differences in excipient effects: Enhancement in ranitidine bioavailability in the presence of polyethylene glycol in male, but not female, rats. <i>International Journal of Pharmaceutics</i> , 2016, 506, 237-241.	5.2	12
132	A New Method for Producing Pharmaceutical Co-crystals: Laser Irradiation of Powder Blends. <i>Crystal Growth and Design</i> , 2016, 16, 3307-3312.	3.0	16
133	Inflammatory bowel disease: exploring gut pathophysiology for novel therapeutic targets. <i>Translational Research</i> , 2016, 176, 38-68.	5.0	140
134	Age-mediated changes in the gastrointestinal tract. <i>International Journal of Pharmaceutics</i> , 2016, 512, 382-395.	5.2	71
135	Laser irradiation to produce amorphous pharmaceuticals. <i>International Journal of Pharmaceutics</i> , 2016, 514, 282-289.	5.2	4
136	Diclofenac- $\hat{\beta}$ -cyclodextrin for colonic drug targeting: In vivo performance in rats. <i>International Journal of Pharmaceutics</i> , 2016, 500, 366-370.	5.2	9
137	Stereolithographic (SLA) 3D printing of oral modified-release dosage forms. <i>International Journal of Pharmaceutics</i> , 2016, 503, 207-212.	5.2	405
138	An investigation into moisture barrier film coating efficacy and its relevance to drug stability in solid dosage forms. <i>International Journal of Pharmaceutics</i> , 2016, 497, 70-77.	5.2	28
139	Animal Farm: Considerations in Animal Gastrointestinal Physiology and Relevance to Drug Delivery in Humans. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2747-2776.	3.3	152
140	A dynamic in $\hat{\text{A}}\text{vitro}$ model to evaluate the intestinal release behaviour of modified-release corticosteroid products. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 25, 36-42.	3.0	21
141	3D printing of modified-release aminosalicylate (4-ASA and 5-ASA) tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 157-162.	4.3	464
142	Toward Oral Delivery of Biopharmaceuticals: An Assessment of the Gastrointestinal Stability of 17 Peptide Drugs. <i>Molecular Pharmaceutics</i> , 2015, 12, 966-973.	4.6	184
143	Gastrointestinal characterisation and drug solubility determination in animals. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 630-639.	2.4	14
144	Gastrointestinal release behaviour of modified-release drug products: Dynamic dissolution testing of mesalazine formulations. <i>International Journal of Pharmaceutics</i> , 2015, 484, 103-108.	5.2	71

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145	Stability of peptide drugs in the colon. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 78, 31-36.	4.0	45
146	Solid lipid nanoparticles loaded with lipoylâ€‘memantine codrug: Preparation and characterization. <i>International Journal of Pharmaceutics</i> , 2015, 485, 183-191.	5.2	60
147	Personalised dosing: Printing a dose of oneâ€™s own medicine. <i>International Journal of Pharmaceutics</i> , 2015, 494, 568-577.	5.2	199
148	Effect of geometry on drug release from 3D printed tablets. <i>International Journal of Pharmaceutics</i> , 2015, 494, 657-663.	5.2	523
149	Inter-subject variability in intestinal drug solubility. <i>International Journal of Pharmaceutics</i> , 2015, 485, 229-234.	5.2	22
150	Fabrication of controlled-release budesonide tablets via desktop (FDM) 3D printing. <i>International Journal of Pharmaceutics</i> , 2015, 496, 414-420.	5.2	272
151	3D Printing of Medicines: Engineering Novel Oral Devices with Unique Design and Drug Release Characteristics. <i>Molecular Pharmaceutics</i> , 2015, 12, 4077-4084.	4.6	398
152	Influence of ageing on the gastrointestinal environment of the rat and its implications for drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 62, 76-85.	4.0	18
153	Predicting the gastrointestinal behaviour of modified-release products: Utility of a novel dynamic dissolution test apparatus involving the use of bicarbonate buffers. <i>International Journal of Pharmaceutics</i> , 2014, 475, 585-591.	5.2	42
154	Influence of feeding regimens on rat gut fluids and colonic metabolism of diclofenac-Î²-cyclodextrin. <i>Carbohydrate Polymers</i> , 2014, 112, 758-764.	10.2	5
155	On the Colonic Bacterial Metabolism of Azo-Bonded Prodrugs of 5-Aminosalicylic Acid. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3171-3175.	3.3	87
156	Fused-filament 3D printing (3DP) for fabrication of tablets. <i>International Journal of Pharmaceutics</i> , 2014, 476, 88-92.	5.2	453
157	Oral peptide and protein delivery: intestinal obstacles and commercial prospects. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1323-1335.	5.0	106
158	Accelerating the dissolution of enteric coatings in the upper small intestine: Evolution of a novel pH 5.6 bicarbonate buffer system to assess drug release. <i>International Journal of Pharmaceutics</i> , 2014, 468, 172-177.	5.2	27
159	Release of Prednisolone and Inulin from a New Calcium-Alginate Chitosan-Coated Matrix System for Colonic Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 2748-2759.	3.3	15
160	Colonic bacterial metabolism of corticosteroids. <i>International Journal of Pharmaceutics</i> , 2013, 457, 268-274.	5.2	51
161	Microwave synthesis and in vitro stability of diclofenac-Î²-cyclodextrin conjugate for colon delivery. <i>Carbohydrate Polymers</i> , 2013, 93, 512-517.	10.2	18
162	Mucus thickness in the gastrointestinal tract of laboratory animals. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 218-227.	2.4	62

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163	Evolution of a physiological pH6.8 bicarbonate buffer system: Application to the dissolution testing of enteric coated products. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 78, 151-157.	4.3	101
164	Spray-drying enteric polymers from aqueous solutions: A novel, economic, and environmentally friendly approach to produce pH-responsive microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 432-439.	4.3	30
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