

Hamid A Merchant

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

1,339
citations

19
h-index

36
g-index

49
ext. papers

1,707
ext. citations

5
avg, IF

5.37
L-index

#	Paper	IF	Citations
43	Does sex matter? The influence of gender on gastrointestinal physiology and drug delivery. <i>International Journal of Pharmaceutics</i> , 2011 , 415, 15-28	6.5	128
42	Animal Farm: Considerations in Animal Gastrointestinal Physiology and Relevance to Drug Delivery in Humans. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 2747-76	3.9	120
41	Assessment of gastrointestinal pH, fluid and lymphoid tissue in the guinea pig, rabbit and pig, and implications for their use in drug development. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 42, 3-10	5.1	91
40	Evolution of a physiological pH 6.8 bicarbonate buffer system: application to the dissolution testing of enteric coated products. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 78, 151-7	5.7	85
39	Mortality in COVID-19 patients with acute respiratory distress syndrome and corticosteroids use: a systematic review and meta-analysis. <i>Expert Review of Respiratory Medicine</i> , 2020 , 14, 1149-1163	3.8	84
38	Physiological bicarbonate buffers: stabilisation and use as dissolution media for modified release systems. <i>International Journal of Pharmaceutics</i> , 2009 , 382, 56-60	6.5	83
37	Hand sanitisers amid CoVID-19: A critical review of alcohol-based products on the market and formulation approaches to respond to increasing demand. <i>International Journal of Pharmaceutics</i> , 2020 , 584, 119431	6.5	82
36	Oral modified-release formulations in motion: the relationship between gastrointestinal transit and drug absorption. <i>International Journal of Pharmaceutics</i> , 2010 , 395, 26-36	6.5	80
35	Gastrointestinal release behaviour of modified-release drug products: dynamic dissolution testing of mesalazine formulations. <i>International Journal of Pharmaceutics</i> , 2015 , 484, 103-8	6.5	64
34	Once-daily tablet formulation and in vitro release evaluation of cefpodoxime using hydroxypropyl methylcellulose: a technical note. <i>AAPS PharmSciTech</i> , 2006 , 7, 78	3.9	64
33	Age-mediated changes in the gastrointestinal tract. <i>International Journal of Pharmaceutics</i> , 2016 , 512, 382-395	6.5	53
32	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, 585-91	6.5	38
31	Colonic bacterial metabolism of corticosteroids. <i>International Journal of Pharmaceutics</i> , 2013 , 457, 268-74.5	4.5	34
30	Impact of purification on physicochemical, surface and functional properties of okra biopolymer. <i>Food Hydrocolloids</i> , 2017 , 71, 311-320	10.6	30
29	Pulsatile drug release from electrospun poly(ethylene oxide)-sodium alginate blend nanofibres. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1400-1407	7.3	29
28	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, 172-7	6.5	24
27	Achieving gastroresistance without coating: Formulation of capsule shells from enteric polymers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 144, 174-179	5.7	22

26	Let's talk about sex: Differences in drug therapy in males and females. <i>Advanced Drug Delivery Reviews</i> , 2021 , 175, 113804	18.5	22
25	Mortality and Disease Severity Among COVID-19 Patients Receiving Renin-Angiotensin System Inhibitors: A Systematic Review and Meta-analysis. <i>American Journal of Cardiovascular Drugs</i> , 2020 , 20, 571-590	4	21
24	Use of corticosteroids in asthma and COPD patients with or without COVID-19. <i>Respiratory Medicine</i> , 2020 , 170, 106045	4.6	19
23	CoViD vaccines and thrombotic events: EMA issued warning to patients and healthcare professionals. <i>Journal of Pharmaceutical Policy and Practice</i> , 2021 , 14, 32	3.2	19
22	The association between the use of ivermectin and mortality in patients with COVID-19: a meta-analysis. <i>Pharmacological Reports</i> , 2021 , 73, 1473-1479	3.9	17
21	Using zeta potential to study the ionisation behaviour of polymers employed in modified-release dosage forms and estimating their pK. <i>International Journal of Pharmaceutics: X</i> , 2019 , 1, 100024	3.2	16
20	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	5.1	15
19	Surging trends in prescriptions and costs of antidepressants in England amid COVID-19. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021 , 29, 217-221	3.9	15
18	Gastrointestinal characterisation and drug solubility determination in animals. <i>Journal of Pharmacy and Pharmacology</i> , 2015 , 67, 630-9	4.8	11
17	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, 2748-59	3.9	11
16	Going Natural: Using polymers from nature for gastroresistant applications. <i>British Journal of Pharmacy</i> , 2017 , 2,	1	9
15	Prescribing trends of oral anticoagulants in England over the last decade: a focus on new and old drugs and adverse events reporting. <i>Journal of Thrombosis and Thrombolysis</i> , 2021 , 52, 646-653	5.1	8
14	Pharmacotherapeutic considerations for the management of diabetes mellitus among hospitalized COVID-19 patients. <i>Expert Opinion on Pharmacotherapy</i> , 2021 , 22, 229-240	4	8
13	Mortality risk in patients infected with SARS-CoV-2 of the lineage B.1.1.7 in the UK. <i>Journal of Infection</i> , 2021 , 83, e14-e15	18.9	6
12	Does methylprednisolone reduce the mortality risk in hospitalized COVID-19 patients? A meta-analysis of randomized control trials. <i>Expert Review of Respiratory Medicine</i> , 2021 , 15, 1049-1055	3.8	6
11	Use of hydroxychloroquine and chloroquine in COVID-19: How good is the quality of randomized controlled trials?. <i>International Journal of Infectious Diseases</i> , 2020 , 101, 107-120	10.5	5
10	Lactoferrin reduces the risk of respiratory tract infections: A meta-analysis of randomized controlled trials. <i>Clinical Nutrition ESPEN</i> , 2021 , 45, 26-32	1.3	4
9	Inadvertent injection of COVID-19 vaccine into deltoid muscle vasculature may result in vaccine distribution to distance tissues and consequent adverse reactions. <i>Postgraduate Medical Journal</i> , 2021 ,	2	4

8	Potential applications and performance of machine learning techniques and algorithms in clinical practice: A systematic review.. <i>International Journal of Medical Informatics</i> , 2021 , 159, 104679	5.3	3
7	Can Diet Help Non-Obese Individuals with Non-Alcoholic Fatty Liver Disease (NAFLD)?. <i>Journal of Clinical Medicine</i> , 2017 , 6,	5.1	2
6	Is it worth the wait? Should Chloroquine or Hydroxychloroquine be allowed for immediate use in CoViD-19?. <i>British Journal of Pharmacy</i> , 2020 , 5,	1	2
5	COVID-19 first anniversary review of cases, hospitalization, and mortality in the UK. <i>Expert Review of Respiratory Medicine</i> , 2021 , 15, 973-978	3.8	2
4	Comment on Aldi et al. Intracellular Reverse Transcription of Pfizer BioNTech COVID-19 mRNA Vaccine BNT162b2 In Vitro in Human Liver Cell Line. <i>Curr. Issues Mol. Biol.</i> 2022, 44, 1115-1126. <i>Current Issues in Molecular Biology</i> , 2022 , 44, 1661-1663	2.9	1
3	Exploration of a New Source of Sustainable Nanomaterial from the Koh-e-Suleiman Mountain Range of Pakistan for Industrial Applications. <i>Scientific Reports</i> , 2020 , 10, 577	4.9	0
2	Why COVID vaccines for young children (5-11 years) are not essential at this moment in time?. <i>Journal of Pharmaceutical Policy and Practice</i> , 2022 , 15, 25	3.2	0
1	Basic Pharmacokinetics 2022 , 9-29		