

# Amjad Hussain

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

574  
citations

687220

13  
h-index

677027

22  
g-index

54  
all docs

54  
docs citations

54  
times ranked

893  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microneedle Coating Techniques for Transdermal Drug Delivery. <i>Pharmaceutics</i> , 2015, 7, 486-502.	2.0	115
2	Solubility and dissolution rate enhancement of ibuprofen by co-milling with polymeric excipients. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 395-403.	1.9	35
3	Personalized 3D printed ciprofloxacin impregnated meshes for the management of hernia. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101164.	1.4	32
4	Engineering and characterisation of BCG-loaded polymeric microneedles. <i>Journal of Drug Targeting</i> , 2020, 28, 525-532.	2.1	30
5	Development and evaluation of scaffold-based nanosponge formulation for controlled drug delivery of naproxen and ibuprofen. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 1465.	0.2	28
6	Formulation and evaluation of anti-rheumatic dexibuprofen transdermal patches: a quality-by-design approach. <i>Journal of Drug Targeting</i> , 2016, 24, 603-612.	2.1	26
7	Improved transdermal delivery of cetirizine hydrochloride using polymeric microneedles. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 673-681.	0.9	25
8	Quantification of residual crystallinity in ball milled commercially sourced lactose monohydrate by thermo-analytical techniques and terahertz spectroscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 92, 180-191.	2.0	24
9	Synthesis and evaluation of pH dependent polyethylene glycol-co-acrylic acid hydrogels for controlled release of venlafaxine HCl. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 221-232.	1.4	22
10	Development of an ANN optimized mucoadhesive buccal tablet containing flurbiprofen and lidocaine for dental pain. <i>Acta Pharmaceutica</i> , 2016, 66, 245-256.	0.9	18
11	Nanosponge-based hydrogel preparation of fluconazole for improved topical delivery. <i>Tropical Journal of Pharmaceutical Research</i> , 2019, 18, 215.	0.2	17
12	Quantification of residual crystallinity of ball-milled, commercially available, anhydrous $\beta$ -lactose by differential scanning calorimetry and terahertz spectroscopy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 121, 327-333.	2.0	14
13	Simultaneously Improving Mechanical, Formulation, and In Vivo Performance of Naproxen by Co-Crystallization. <i>AAPS PharmSciTech</i> , 2018, 19, 3249-3257.	1.5	14
14	Preparation and characterization of indomethacin loaded films by piezoelectric inkjet printing: a personalized medication approach. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 197-205.	1.1	14
15	Personalised 3D Printed Fast-Dissolving Tablets for Managing Hypertensive Crisis: In-Vitro/In-Vivo Studies. <i>Polymers</i> , 2020, 12, 3057.	2.0	14
16	An Evaluation of the Binding Strength of Okra Gum and the Drug Release Characteristics of Tablets Prepared from It. <i>Pharmaceutics</i> , 2017, 9, 20.	2.0	13
17	Development of paracetamol-caffeine co-crystals to improve compressional, formulation and in vivo performance. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1099-1108.	0.9	13
18	Prediction of lisinopril pediatric dose from the reference adult dose by employing a physiologically based pharmacokinetic model. <i>BMC Pharmacology &amp; Toxicology</i> , 2020, 21, 56.	1.0	11

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19	Hydroxypropyl cellulose-based orally disintegrating films of promethazine HCl for the treatment of motion sickness. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 991.	0.2	9
20	Improved bioavailability of oxcarbazepine, a BCS class II drug by centrifugal melt spinning: In-vitro and in-vivo implications. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120775.	2.6	9
21	Physicomechanical, stability, and pharmacokinetic evaluation of aceclofenac dimethyl urea cocrystals. <i>AAPS PharmSciTech</i> , 2021, 22, 68.	1.5	8
22	Amelioration of physicochemical, pharmaceutical, and pharmacokinetic properties of lornoxicam by cocrystallization with a novel coformer. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 498-508.	0.9	8
23	Design and Characterization of Agarose/HPMC Buccal Films Bearing Ondansetron HCl In Vitro and In Vivo: Enhancement Using Iontophoretic and Chemical Approaches. <i>BioMed Research International</i> , 2022, 2022, 1-17.	0.9	8
24	In Vivo Evaluation of a Novel Chitosan-Polycaprolactone Based Mucoadhesive Gastro-Retentive Sustained Release Drug Delivery System for Milnacipran HCl. <i>AAPS PharmSciTech</i> , 2020, 21, 58.	1.5	7
25	Linking traditional anti-ulcer use of rhizomes of <i>Bergenia ciliata</i> (Haw.) to its anti- <i>Helicobacter pylori</i> constituents. <i>Natural Product Research</i> , 2020, 34, 541-544.	1.0	6
26	Improvement of Physico-mechanical and pharmacokinetic attributes of naproxen by cocrystallization with l-alanine. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102236.	1.4	6
27	Fixed Dose Single Tablet Formulation with Differential Release of Amlodipine Besylate and Simvastatin and Its Pharmacokinetic Profile: QbD and Risk Assessment Approach. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 2193-2210.	2.0	5
28	Off-label antibiotic use in a specialized children care hospital in Punjab, Pakistan: Findings and implications. <i>Journal of Infection in Developing Countries</i> , 2020, 14, 540-544.	0.5	5
29	Enhancement of solubility and dissolution rate of ebastine fast-disintegrating tablets by solid dispersion method. <i>Tropical Journal of Pharmaceutical Research</i> , 2020, 19, 1797-1805.	0.2	5
30	Fabrication of modified-release custom-designed ciprofloxacin tablets via fused deposition modeling 3D printing. <i>Journal of 3D Printing in Medicine</i> , 2020, 4, 17-27.	1.0	4
31	Impact of Particle-Size Reduction on the Solubility and Antidiabetic Activity of Extracts of Leaves of <i>Vinca rosea</i> . <i>Turkish Journal of Pharmaceutical Sciences</i> , 2019, 16, 335-339.	0.6	4
32	Preparation and Characterization of pH-Independent Sustained-Release Tablets Containing Hot Melt Extruded Solid Dispersions of Clarithromycin. <i>AAPS PharmSciTech</i> , 2021, 22, 275.	1.5	4
33	Prediction of pharmacokinetic parameters and dose of pregabalin gastroretentive formulation in healthy adults, healthy pediatrics and renal-impaired geriatrics. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102548.	1.4	3
34	Design and In Vitro Characterization of Orally Disintegrating Modified Release Tablets of Naproxen Sodium. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020, 17, 486-491.	0.6	3
35	Development of Optimized Sumatriptan-Prochlorperazine Combined Orodispersible Films Without Disintegrant: in vitro, ex vivo and in vivo Characterization. <i>AAPS PharmSciTech</i> , 2022, 23, .	1.5	3
36	Formulation Optimization and In-vitro Evaluation of Oral Floating Captopril Matrix Tablets using Factorial Design. <i>Tropical Journal of Pharmaceutical Research</i> , 2015, 14, 1737.	0.2	2

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37	Correlation between molecular dynamics and physical stability of two milled anhydrous sugars: Lactose and sucrose. <i>International Journal of Pharmaceutics</i> , 2018, 551, 184-194.	2.6	2
38	Effect of Solubilising Aids on The Entrapment of Loratidine in Pre-Fabricated PVA Filaments Used for FDM Based 3D-Printing. <i>Acta Poloniae Pharmaceutica</i> , 2020, 77, 175-182.	0.3	2
39	Improved Dissolution Rate of Oxcarbazepine by Centrifugal Spinning: In-Vitro and In-Vivo Implications. <i>Proceedings (mdpi)</i> , 2020, 78, .	0.2	2
40	Formulation, Optimization and Characterization of Chitosan Monodisperse Microparticles for Sustained Delivery of Hydrochlorothiazide HCl. <i>Pharmaceutical Sciences</i> , 2020, 26, 306-313.	0.1	1
41	FORMULATION AND EVALUATION OF INDOMETHACIN LOADED NANOSPONGES FOR ORAL DELIVERY. <i>Acta Poloniae Pharmaceutica</i> , 2018, 75, 1201-1213.	0.3	1
42	Evaluation of solubility and dissolution of lamotrigine using lipid based microparticulate carriers: An in-vitro analysis. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 299-306.	0.2	1
43	Ibuprofen-loaded centrifugally spun microfibers for quick relief of inflammation in rats. <i>Drug Development and Industrial Pharmacy</i> , 2022, , 1-8.	0.9	1
44	Effect of cellulose acetate phthalate and polyethylene glycol on physical properties and release of theophylline from microcapsules. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2016, 52, 27-34.	1.2	0
45	Drug loading and printability of two different grades of prefabricated polyvinyl alcohol filaments for fused deposition modeling-based 3D printing. <i>Journal of 3D Printing in Medicine</i> , 2020, 4, 105-112.	1.0	0
46	Quantification of carbon dioxide released from effervescent granules as a predictor of formulation quality using modified Chittick apparatus. <i>Tropical Journal of Pharmaceutical Research</i> , 2021, 18, 449-458.	0.2	0
47	Co-milling of oxcarbazepine with Soluplus for the enhancement of solubility and dissolution rate. <i>Egyptian Pharmaceutical Journal (Egypt)</i> , 2020, 19, 291.	0.1	0
48	Design and Characterization of Orally Disintegrating Modified Release Tablets of Naproxen Sodium. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020, 17, 486-491.	0.6	0
49	Analytical, nutritional and biological evaluation of various brands of fortified and non-fortified wheat flour. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014, 27, 445-52.	0.2	0
50	Effect of low melting hydrophilic carriers on the solubility and dissolution rate of Piroxicam using solid dispersion technique. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 2257-2260.	0.2	0
51	Solubility and dissolution rate enhancement of ibuprofen by cyclodextrin based carbonate nanospheres. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 1045-1055.	0.2	0
52	Microneedle based transcutaneous delivery of low molecular weight heparin. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021, 34, 1165-1170.	0.2	0
53	Simultaneous quantification of sumatriptan succinate and prochlorperazine maleate in orodispersible films using two validated UV-spectroscopic methods.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022, 35, 183-194.	0.2	0
54	Controlled release floating drug delivery system for proton pump inhibitors lansoprazole: In-vitro, In-vivo floating and pharmacokinetic evaluation.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022, 35, 195-201.	0.2	0