

Muhammad Sohail Arshad

List of Publications by Year in Descending Order

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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.

61
papers

701
citations

15
h-index

24
g-index

64
ext. papers

892
ext. citations

4.2
avg, IF

4.11
L-index

#	Paper	IF	Citations
61	Evaluation of sustained-release in-situ injectable gels, containing naproxen sodium, using in vitro, in silico and in vivo analysis.. <i>International Journal of Pharmaceutics</i> , 2022 , 616, 121512	6.5	3
60	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, 1662194	3	0
59	Design and evaluation of agarose based buccal films containing zolmitriptan succinate: Application of physical and chemical enhancement approaches. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 69, 103041	4.5	1
58	Ibuprofen loaded centrifugally spun microfibers for quick relief of inflammation in rats.. <i>Drug Development and Industrial Pharmacy</i> , 2022 , 1-19	3.6	1
57	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	0.4	
56	Preparation and Characterization of pH-Independent Sustained-Release Tablets Containing Hot Melt Extruded Solid Dispersions of Clarithromycin : Tablets Containing Solid Dispersions of Clarithromycin. <i>AAPS PharmSciTech</i> , 2021 , 22, 275	3.9	1
55	Improved Dissolution Rate of Oxcarbazepine by Centrifugal Spinning: In-Vitro and In-Vivo Implications. <i>Proceedings (mdpi)</i> , 2021 , 78, 7	0.3	2
54	A review of emerging technologies enabling improved solid oral dosage form manufacturing and processing. <i>Advanced Drug Delivery Reviews</i> , 2021 , 178, 113840	18.5	5
53	Fabrication and characterisation of self-applicating heparin sodium microneedle patches. <i>Journal of Drug Targeting</i> , 2021 , 29, 60-68	5.4	12
52	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	4.5	3
51	Physicomechanical, stability, and pharmacokinetic evaluation of aceclofenac dimethyl urea cocrystals. <i>AAPS PharmSciTech</i> , 2021 , 22, 68	3.9	2
50	Postnatal causes and severity of persistent pulmonary Hypertension of Newborn. <i>Pakistan Journal of Medical Sciences</i> , 2021 , 37, 1387-1391	2	1
49	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	6.5	4
48	Recent applications of electrical, centrifugal, and pressurised emerging technologies for fibrous structure engineering in drug delivery, regenerative medicine and theranostics. <i>Advanced Drug Delivery Reviews</i> , 2021 , 175, 113823	18.5	11
47	Electrohydrodynamic atomisation driven design and engineering of opportunistic particulate systems for applications in drug delivery, therapeutics and pharmaceuticals. <i>Advanced Drug Delivery Reviews</i> , 2021 , 176, 113788	18.5	4
46	Antibiofilm Effects of Macrolide Loaded Microneedle Patches: Prospects in Healing Infected Wounds. <i>Pharmaceutical Research</i> , 2021 , 38, 165-177	4.5	9
45	Formulation and optimization of dimenhydrinate emulgels for topical delivery using response surface methodology. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021 , 34, 245-255	0.4	

44	Solubility and dissolution rate enhancement of ibuprofen by cyclodextrin based carbonate nanosponges. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021 , 34, 1045-1055	0.4	
43	Microneedle based transcutaneous delivery of low molecular weight heparin. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021 , 34, 1165-1170	0.4	
42	Personalised 3D Printed Fast-Dissolving Tablets for Managing Hypertensive Crisis: In-Vitro/In-Vivo Studies. <i>Polymers</i> , 2020 , 12,	4.5	6
41	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	1.5	1
40	Design and Characterization of Orally Disintegrating Modified Release Tablets of Naproxen Sodium. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2020 , 17, 486-491	1.1	
39	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	1.1	1
38	Formulation, Optimization and Characterization of Chitosan Monodisperse Microparticles for Sustained Delivery of Hydrochlorothiazide HCl 2020 , 26, 306-313		1
37	Engineering and characterisation of BCG-loaded polymeric microneedles. <i>Journal of Drug Targeting</i> , 2020 , 28, 525-532	5.4	20
36	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	3.4	6
35	COVID-19: Current Developments and Further Opportunities in Drug Delivery and Therapeutics. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
34	Formulation and characterization of lornoxicam-loaded cellulosic-microsponge gel for possible applications in arthritis. <i>Saudi Pharmaceutical Journal</i> , 2020 , 28, 994-1003	4.4	6
33	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	1.5	
32	Engineering and Development of Chitosan-Based Nanocoatings for Ocular Contact Lenses. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 1540-1551	3.9	17
31	Broad Scale and Structure Fabrication of Healthcare Materials for Drug and Emerging Therapies via Electrohydrodynamic Techniques. <i>Advanced Therapeutics</i> , 2019 , 2, 1800024	4.9	25
30	In Vitro and Ex Vivo Evaluation of Tablets Containing Piroxicam-Cyclodextrin Complexes for Buccal Delivery. <i>Pharmaceutics</i> , 2019 , 11,	6.4	7
29	Personalized 3D printed ciprofloxacin impregnated meshes for the management of hernia. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 53, 101164	4.5	17
28	Improved transdermal delivery of cetirizine hydrochloride using polymeric microneedles. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019 , 27, 673-681	3.9	15
27	Quality by Design Micro-Engineering Optimisation of NSAID-Loaded Electrospun Fibrous Patches. <i>Pharmaceutics</i> , 2019 , 12,	6.4	2

26	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	3.6	9
25	Improvement of solubility, dissolution and stability profile of artemether solid dispersions and self emulsified solid dispersions by solvent evaporation method. <i>Pharmaceutical Development and Technology</i> , 2018 , 23, 1007-1015	3.4	8
24	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	4.5	15
23	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	0.8	4
22	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	0.8	13
21	Simultaneously Improving Mechanical, Formulation, and In Vivo Performance of Naproxen by Co-Crystallization. <i>AAPS PharmSciTech</i> , 2018 , 19, 3249-3257	3.9	8
20	Process Understanding in Freeze-Drying Cycle Development: Applications for Through-Vial Impedance Spectroscopy (TVIS) in Mini-pilot Studies. <i>Journal of Pharmaceutical Innovation</i> , 2017 , 12, 26-40	1.8	9
19	Development and characterisation of cellulose based electrospun mats for buccal delivery of non-steroidal anti-inflammatory drug (NSAID). <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 102, 147-155	5.1	32
18	Porous Inorganic Drug Delivery Systems-a Review. <i>AAPS PharmSciTech</i> , 2017 , 18, 1507-1525	3.9	40
17	Electrically atomised formulations of timolol maleate for direct and on-demand ocular lens coatings. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 119, 170-184	5.7	28
16	Approaches in topical ocular drug delivery and developments in the use of contact lenses as drug-delivery devices. <i>Therapeutic Delivery</i> , 2017 , 8, 521-541	3.8	14
15	Development and validation of a spectroscopic method for the simultaneous analysis of miconazole nitrate and hydrocortisone acetate in pharmaceutical dosage form. <i>Tropical Journal of Pharmaceutical Research</i> , 2017 , 16, 413	0.8	7
14	Development and characterisation of electrospun timolol maleate-loaded polymeric contact lens coatings containing various permeation enhancers. <i>International Journal of Pharmaceutics</i> , 2017 , 532, 408-420	6.5	39
13	Pharmaceutical and biomaterial engineering via electrohydrodynamic atomization technologies. <i>Drug Discovery Today</i> , 2017 , 22, 157-165	8.8	85
12	An Evaluation of the Binding Strength of Okra Gum and the Drug Release Characteristics of Tablets Prepared from It. <i>Pharmaceutics</i> , 2017 , 9,	6.4	10
11	Formulation and evaluation of anti-rheumatic dexibuprofen transdermal patches: a quality-by-design approach. <i>Journal of Drug Targeting</i> , 2016 , 24, 603-12	5.4	20
10	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	1.8	
9	Development of an ANN optimized mucoadhesive buccal tablet containing flurbiprofen and lidocaine for dental pain. <i>Acta Pharmaceutica</i> , 2016 , 66, 245-56	3.2	10

8	Microneedle Coating Techniques for Transdermal Drug Delivery. <i>Pharmaceutics</i> , 2015 , 7, 486-502	6.4	78
7	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	0.8	1
6	Through-vial impedance spectroscopy of the mechanisms of annealing in the freeze-drying of maltodextrin: the impact of annealing hold time and temperature on the primary drying rate. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 1799-810	3.9	11
5	Factors affecting the use of impedance spectroscopy in the characterisation of the freezing stage of the lyophilisation process: the impact of liquid fill height in relation to electrode geometry. <i>AAPS PharmSciTech</i> , 2014 , 15, 261-9	3.9	4
4	Through-vial impedance spectroscopy of critical events during the freezing stage of the lyophilization cycle: the example of the impact of sucrose on the crystallization of mannitol. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 87, 598-605	5.7	12
3	Development of solid dispersions of artemisinin for transdermal delivery. <i>International Journal of Pharmaceutics</i> , 2013 , 457, 197-205	6.5	22
2	An application for impedance spectroscopy in the characterisation of the glass transition during the lyophilization cycle: the example of a 10% w/v maltodextrin solution. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 1130-40	5.7	9
1	An impedance-based process analytical technology for monitoring the lyophilisation process. <i>International Journal of Pharmaceutics</i> , 2013 , 449, 72-83	6.5	20