Muhammad Sohail Arshad

List of Publications by Year
in descending order

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64	1,157	361413	434195
papers	citations	20	31
		h-index	g-index

64	64	64	1444
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of sustained-release in-situ injectable gels, containing naproxen sodium, using in vitro, in silico and in vivo analysis. International Journal of Pharmaceutics, 2022, 616, 121512.	5.2	10
2	Design and Characterization of Agarose/HPMC Buccal Films Bearing Ondansetron HCl In Vitro and In Vivo: Enhancement Using Iontophoretic and Chemical Approaches. BioMed Research International, 2022, 2022, 1-17.	1.9	8
3	Design and evaluation of agarose based buccal films containing zolmitriptan succinate: Application of physical and chemical enhancement approaches. Journal of Drug Delivery Science and Technology, 2022, 69, 103041.	3.0	4
4	Ibuprofen-loaded centrifugally spun microfibers for quick relief of inflammation in rats. Drug Development and Industrial Pharmacy, 2022, , 1-8.	2.0	1
5	Controlled release floating drug delivery system for proton pump inhibitors lansoprazole: In-vitro, In-vivo floating and pharmacokinetic evaluation.. Pakistan Journal of Pharmaceutical Sciences, 2022, 35, 195-201.	0.2	0
6	Fabrication and characterisation of self-applicating heparin sodium microneedle patches. Journal of Drug Targeting, 2021, 29, 60-68.	4.4	27
7	Improvement of Physico-mechanical and pharmacokinetic attributes of naproxen by cocrystallization with l-alanine. Journal of Drug Delivery Science and Technology, 2021, 61, 102236.	3.0	6
8	Physicomechanical, stability, and pharmacokinetic evaluation of aceclofenac dimethyl urea cocrystals. AAPS PharmSciTech, 2021, 22, 68.	3.3	8
9	Quantification of carbon dioxide released from effervescent granules as a predictor of formulation quality using modified Chittick apparatus. Tropical Journal of Pharmaceutical Research, 2021, 18, 449-458.	0.3	0
10	CARDIAC EVALUATION IN NEWBORNS: AN ECHOCARDIOGRAPHY BASED STUDY. Pakistan Heart Journal, 2021, 54, 25-29.	0.0	2
11	A review of emerging technologies enabling improved solid oral dosage form manufacturing and processing. Advanced Drug Delivery Reviews, 2021, 178, 113840.	13.7	45
12	Postnatal causes and severity of persistentÂpulmonary Hypertension of Newborn. Pakistan Journal of Medical Sciences, 2021, 37, 1387-1391.	0.6	5
13	Improved bioavailability of oxcarbazepine, a BCS class II drug by centrifugal melt spinning: In-vitro and in-vivo implications. International Journal of Pharmaceutics, 2021, 604, 120775.	5.2	9
14	Recent applications of electrical, centrifugal, and pressurised emerging technologies for fibrous structure engineering in drug delivery, regenerative medicine and theranostics. Advanced Drug Delivery Reviews, 2021, 175, 113823.	13.7	32
15	Electrohydrodynamic atomisation driven design and engineering of opportunistic particulate systems for applications in drug delivery, therapeutics and pharmaceutics. Advanced Drug Delivery Reviews, 2021, 176, 113788.	13.7	21
16	Antibiofilm Effects of Macrolide Loaded Microneedle Patches: Prospects in Healing Infected Wounds. Pharmaceutical Research, 2021, 38, 165-177.	3.5	30
17	Preparation and Characterization of pH-Independent Sustained-Release Tablets Containing Hot Melt Extruded Solid Dispersions of Clarithromycin. AAPS PharmSciTech, 2021, 22, 275.	3.3	4
18	Formulation and optimization of dimenhydrinate emulgels for topical delivery using response surface methodology. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 245-255.	0.2	0

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19	Solubility and dissolution rate enhancement of ibuprofen by cyclodextrin based carbonate nanosponges. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 1045-1055.	0.2	0
20	Microneedle based transcutaneous delivery of low molecular weight heparin. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 1165-1170.	0.2	0
21	Engineering and characterisation of BCG-loaded polymeric microneedles. Journal of Drug Targeting, 2020, 28, 525-532.	4.4	30
22	Preparation and characterization of indomethacin loaded films by piezoelectric inkjet printing: a personalized medication approach. Pharmaceutical Development and Technology, 2020, 25, 197-205.	2.4	14
23	Quality by Design Micro-Engineering Optimisation of NSAID-Loaded Electrospun Fibrous Patches. Pharmaceutics, 2020, 12, 2.	4.5	5
24	COVID-19: Current Developments and Further Opportunities in Drug Delivery and Therapeutics. Pharmaceutics, 2020, 12, 945.	4.5	14
25	Formulation and characterization of lornoxicam-loaded cellulosic-microsponge gel for possible applications in arthritis. Saudi Pharmaceutical Journal, 2020, 28, 994-1003.	2.7	24
26	Drug loading and printability of two different grades of prefabricated polyvinyl alcoholÂfilaments for fused deposition modeling-based 3D printing. Journal of 3D Printing in Medicine, 2020, 4, 105-112.	2.0	0
27	Personalised 3D Printed Fast-Dissolving Tablets for Managing Hypertensive Crisis: In-Vitro/In-Vivo Studies. Polymers, 2020, 12, 3057.	4.5	14
28	Fabrication of modified-release custom-designed ciprofloxacin tablets via fused deposition modeling 3D printing. Journal of 3D Printing in Medicine, 2020, 4, 17-27.	2.0	4
29	Effect of Solublising Aids on The Entrapment of Loratidine in Pre-Fabricated PVA Filaments Used for FDM Based 3D-Printing. Acta Poloniae Pharmaceutica, 2020, 77, 175-182.	0.1	2
30	Formulation, Optimization and Characterization of Chitosan Monodisperse Microparticles for Sustained Delivery of Hydrochlorothiazide HCl. Pharmaceutical Sciences, 2020, 26, 306-313.	0.2	1
31	Improved Dissolution Rate of Oxcarbazepine by Centrifugal Spinning: In-Vitro and In-Vivo Implications. Proceedings (mdpi), 2020, 78, .	0.2	2
32	Design and Characterization of Orally Disintegrating Modified Release Tablets of Naproxen Sodium. Turkish Journal of Pharmaceutical Sciences, 2020, 17, 486-491.	1.4	0
33	Design and <i>In Vitro</i> Characterization of Orally Disintegrating Modified Release Tablets of Naproxen Sodium. Turkish Journal of Pharmaceutical Sciences, 2020, 17, 486-491.	1.4	3
34	In Vitro and Ex Vivo Evaluation of Tablets Containing Piroxicam-Cyclodextrin Complexes for Buccal Delivery. Pharmaceutics, 2019, 11, 398.	4.5	12
35	Personalized 3D printed ciprofloxacin impregnated meshes for the management of hernia. Journal of Drug Delivery Science and Technology, 2019, 53, 101164.	3.0	32
36	Improved transdermal delivery of cetirizine hydrochloride using polymeric microneedles. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 673-681.	2.0	25

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37	Engineering and Development of Chitosan-Based Nanocoatings for Ocular Contact Lenses. Journal of Pharmaceutical Sciences, 2019, 108, 1540-1551.	3.3	36
38	Broad Scale and Structure Fabrication of Healthcare Materials for Drug and Emerging Therapies via Electrohydrodynamic Techniques. Advanced Therapeutics, 2019, 2, 1800024.	3.2	33
39	Development of paracetamol-caffeine co-crystals to improve compressional, formulation and in vivo performance. Drug Development and Industrial Pharmacy, 2018, 44, 1099-1108.	2.0	13
40	Improvement of solubility, dissolution and stability profile of artemether solid dispersions and self emulsified solid dispersions by solvent evaporation method. Pharmaceutical Development and Technology, 2018, 23, 1007-1015.	2.4	11
41	Synthesis and evaluation of pH dependent polyethylene glycol- co -acrylic acid hydrogels for controlled release of venlafaxine HCl. Journal of Drug Delivery Science and Technology, 2018, 43, 221-232.	3.0	22
42	Hydroxypropyl cellulose-based orally disintegrating films of promethazine HCl for the treatment of motion sickness. Tropical Journal of Pharmaceutical Research, 2018, 17, 991.	0.3	9
43	Development and evaluation of scaffold-based nanosponge formulation for controlled drug delivery of naproxen and ibuprofen. Tropical Journal of Pharmaceutical Research, 2018, 17, 1465.	0.3	28
44	Simultaneously Improving Mechanical, Formulation, and In Vivo Performance of Naproxen by Co-Crystallization. AAPS PharmSciTech, 2018, 19, 3249-3257.	3.3	14
45	Process Understanding in Freeze-Drying Cycle Development: Applications for Through-Vial Impedance Spectroscopy (TVIS) in Mini-pilot Studies. Journal of Pharmaceutical Innovation, 2017, 12, 26-40.	2.4	11
46	Development and characterisation of cellulose based electrospun mats for buccal delivery of non-steroidal anti-inflammatory drug (NSAID). European Journal of Pharmaceutical Sciences, 2017, 102, 147-155.	4.0	44
47	Porous Inorganic Drug Delivery Systemsâ€"a Review. AAPS PharmSciTech, 2017, 18, 1507-1525.	3.3	63
48	Electrically atomised formulations of timolol maleate for direct and on-demand ocular lens coatings. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 170-184.	4.3	37
49	Approaches in topical ocular drug delivery and developments in the use of contact lenses as drug-delivery devices. Therapeutic Delivery, 2017, 8, 521-541.	2.2	18
50	Development and characterisation of electrospun timolol maleate-loaded polymeric contact lens coatings containing various permeation enhancers. International Journal of Pharmaceutics, 2017, 532, 408-420.	5.2	53
51	Pharmaceutical and biomaterial engineering via electrohydrodynamic atomization technologies. Drug Discovery Today, 2017, 22, 157-165.	6.4	91
52	An Evaluation of the Binding Strength of Okra Gum and the Drug Release Characteristics of Tablets Prepared from It. Pharmaceutics, 2017, 9, 20.	4.5	13
53	Development and validation of a spectroscopic method for the simultaneous analysis of miconazole nitrate and hydrocortisone acetate in pharmaceutical dosage form. Tropical Journal of Pharmaceutical Research, 2017, 16, 413.	0.3	14
54	Effect of cellulose acetate phthalate and polyethylene glycol on physical properties and release of theophylline from microcapsules. Brazilian Journal of Pharmaceutical Sciences, 2016, 52, 27-34.	1.2	0

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55	Development of an ANN optimized mucoadhesive buccal tablet containing flurbiprofen and lidocaine for dental pain. Acta Pharmaceutica, 2016, 66, 245-256.	2.0	18
56	Formulation and evaluation of anti-rheumatic dexibuprofen transdermal patches: a quality-by-design approach. Journal of Drug Targeting, 2016, 24, 603-612.	4.4	26
57	Microneedle Coating Techniques for Transdermal Drug Delivery. Pharmaceutics, 2015, 7, 486-502.	4.5	115
58	Formulation Optimization and In-vitro Evaluation of Oral Floating Captopril Matrix Tablets using Factorial Design. Tropical Journal of Pharmaceutical Research, 2015, 14, 1737.	0.3	2
59	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. Journal of Pharmaceutical Sciences, 2014, 103, 1799-1810.	3.3	13
60	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. AAPS PharmSciTech, 2014, 15, 261-269.	3.3	5
61	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. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 598-605.	4.3	13
62	Development of solid dispersions of artemisinin for transdermal delivery. International Journal of Pharmaceutics, 2013, 457, 197-205.	5.2	29
63	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. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 1130-1140.	4.3	9
64	An impedance-based process analytical technology for monitoring the lyophilisation process. International Journal of Pharmaceutics, 2013, 449, 72-83.	5.2	23