

Muhammad Sohail Arshad

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.

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 | Pharmaceutical and biomaterial engineering via electrohydrodynamic atomization technologies. <i>Drug Discovery Today</i> , 2017 , 22, 157-165 | 8.8 | 85 |
| 60 | Microneedle Coating Techniques for Transdermal Drug Delivery. <i>Pharmaceutics</i> , 2015 , 7, 486-502 | 6.4 | 78 |
| 59 | Porous Inorganic Drug Delivery Systems-a Review. <i>AAPS PharmSciTech</i> , 2017 , 18, 1507-1525 | 3.9 | 40 |
| 58 | 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 |
| 57 | 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 |
| 56 | 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 |
| 55 | 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 |
| 54 | Development of solid dispersions of artemisinin for transdermal delivery. <i>International Journal of Pharmaceutics</i> , 2013 , 457, 197-205 | 6.5 | 22 |
| 53 | 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 |
| 52 | An impedance-based process analytical technology for monitoring the lyophilisation process. <i>International Journal of Pharmaceutics</i> , 2013 , 449, 72-83 | 6.5 | 20 |
| 51 | Engineering and characterisation of BCG-loaded polymeric microneedles. <i>Journal of Drug Targeting</i> , 2020 , 28, 525-532 | 5.4 | 20 |
| 50 | Engineering and Development of Chitosan-Based Nanocoatings for Ocular Contact Lenses. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 1540-1551 | 3.9 | 17 |
| 49 | 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 |
| 48 | 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 |
| 47 | Improved transdermal delivery of cetirizine hydrochloride using polymeric microneedles. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019 , 27, 673-681 | 3.9 | 15 |
| 46 | 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 |
| 45 | 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 |

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| 44 | 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 |
| 43 | Fabrication and characterisation of self-applicating heparin sodium microneedle patches. <i>Journal of Drug Targeting</i> , 2021 , 29, 60-68 | 5.4 | 12 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | COVID-19: Current Developments and Further Opportunities in Drug Delivery and Therapeutics. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 9 |
| 34 | Antibiofilm Effects of Macrolide Loaded Microneedle Patches: Prospects in Healing Infected Wounds. <i>Pharmaceutical Research</i> , 2021 , 38, 165-177 | 4.5 | 9 |
| 33 | 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 |
| 32 | Simultaneously Improving Mechanical, Formulation, and In Vivo Performance of Naproxen by Co-Crystallization. <i>AAPS PharmSciTech</i> , 2018 , 19, 3249-3257 | 3.9 | 8 |
| 31 | 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 |
| 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 | Personalised 3D Printed Fast-Dissolving Tablets for Managing Hypertensive Crisis: In-Vitro/In-Vivo Studies. <i>Polymers</i> , 2020 , 12, | 4.5 | 6 |
| 28 | 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 |
| 27 | 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 |

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| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | Improved Dissolution Rate of Oxcarbazepine by Centrifugal Spinning: In-Vitro and In-Vivo Implications. <i>Proceedings (mdpi)</i> , 2021 , 78, 7 | 0.3 | 2 |
| 18 | Quality by Design Micro-Engineering Optimisation of NSAID-Loaded Electrospun Fibrous Patches. <i>Pharmaceutics</i> , 2019 , 12, | 6.4 | 2 |
| 17 | Physicomechanical, stability, and pharmacokinetic evaluation of aceclofenac dimethyl urea cocrystals. <i>AAPS PharmSciTech</i> , 2021 , 22, 68 | 3.9 | 2 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | Formulation, Optimization and Characterization of Chitosan Monodisperse Microparticles for Sustained Delivery of Hydrochlorothiazide HCl 2020 , 26, 306-313 | | 1 |
| 11 | Postnatal causes and severity of persistent pulmonary Hypertension of Newborn. <i>Pakistan Journal of Medical Sciences</i> , 2021 , 37, 1387-1391 | 2 | 1 |
| 10 | 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 |
| 9 | 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 |

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| 8 | 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 |
| 7 | 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 | |
| 6 | 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 | |
| 5 | 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 | |
| 4 | 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 | |
| 3 | 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 | |
| 2 | Microneedle based transcutaneous delivery of low molecular weight heparin. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021 , 34, 1165-1170 | 0.4 | |
| 1 | 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 | |