## Yasmin Sultana

List of Publications by Year in descending order

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YASMIN SHITANA

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Fabrication and optimization of raloxifene loaded spanlastics vesicle for transdermal delivery.<br>Journal of Drug Delivery Science and Technology, 2022, 68, 103102.   | 3.0  | 12        |
| 2  | Investigation on utility of some novel terpenes on transungual delivery of fluconazole for the management of onychomycosis. Journal of Cosmetic Dermatology, 2022, 21, 5103-5110.   | 1.6  | 11        |
| 3  | Spanlastics a Novel Nanovesicular Carrier: Its Potential Application and Emerging Trends in Therapeutic Delivery. AAPS PharmSciTech, 2022, 23, 112.   | 3.3  | 15        |
| 4  | Investigations of process parameters during dissolution studies of drug loaded 3D printed tablets.<br>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine,<br>2021, 235, 523-529.                          | 1.8  | 16        |
| 5  | A grafted copolymer-based nanomicelles for topical ocular delivery of everolimus: Formulation,<br>characterization, ex-vivo permeation, in-vitro ocular toxicity, and stability study. European Journal of<br>Pharmaceutical Sciences, 2021, 159, 105735. | 4.0  | 44        |
| 6  | Nanostructured lipid carrier to overcome stratum corneum barrier for the delivery of agomelatine<br>in rat brain; formula optimization, characterization and brain distribution study. International<br>Journal of Pharmaceutics, 2021, 607, 121006.      | 5.2  | 13        |
| 7  | Chitosan coated nanoparticles for efficient delivery of bevacizumab in the posterior ocular tissues via subconjunctival administration. Carbohydrate Polymers, 2021, 267, 118217.   | 10.2 | 27        |
| 8  | Berberine loaded dermal quality by design adapted chemically engineered lipid nano-constructs-gel<br>formulation for the treatment of skin acne. Journal of Drug Delivery Science and Technology, 2021,<br>66, 102805.                                    | 3.0  | 6         |
| 9  | Liposomes as multifaceted delivery system in the treatment of osteoporosis. Expert Opinion on Drug<br>Delivery, 2021, 18, 761-775.  | 5.0  | 9         |
| 10 | Repurposing pentosan polysulfate sodium as hyaluronic acid linked polyion complex nanoparticles<br>for the management of osteoarthritis: A potential approach. Medical Hypotheses, 2021, 157, 110713.   | 1.5  | 6         |
| 11 | Tailoring of berberine loaded transniosomes for the management of skin cancer in mice. Journal of<br>Drug Delivery Science and Technology, 2020, 60, 102051.  | 3.0  | 16        |
| 12 | Preparation and optimization of fisetin loaded glycerol based soft nanovesicles by Box-Behnken design. International Journal of Pharmaceutics, 2020, 578, 119125.   | 5.2  | 36        |
| 13 | Analytical Quality by Design (AQbD) Approach Based HPTLC Method for Quantification of Fisetin with Superior Recovery in Formulations. Current Analytical Chemistry, 2020, 16, 149-157.  | 1.2  | 2         |
| 14 | CCD based development and characterization of nano-transethosome to augment the antidepressant<br>effect of agomelatine on Swiss albino mice. Journal of Drug Delivery Science and Technology, 2019, 54,<br>101234.                                       | 3.0  | 17        |
| 15 | Poloxamer-407 thickened lipid colloidal system of agomelatine for brain targeting: Characterization,<br>brain pharmacokinetic study and behavioral study on Wistar rats. Colloids and Surfaces B:<br>Biointerfaces, 2019, 181, 426-436.                   | 5.0  | 29        |
| 16 | Optimization by design of etoposide loaded solid lipid nanoparticles for ocular delivery:<br>Characterization, pharmacokinetic and deposition study. Materials Science and Engineering C, 2019,<br>100, 959-970.  | 7.3  | 50        |
| 17 | Fisetin loaded binary ethosomes for management of skin cancer by dermal application on UV exposed mice. International Journal of Pharmaceutics, 2019, 560, 78-91.   | 5.2  | 66        |
| 18 | Formulation of amlodipine nano lipid carrier: Formulation design, physicochemical and transdermal absorption investigation. Journal of Drug Delivery Science and Technology, 2019, 49, 209-218.   | 3.0  | 33        |

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|----|---|-----|-----------|
| 19 | Self-nanoemulsifying drug delivery system of nabumetone improved its oral bioavailability and<br>anti-inflammatory effects in rat model. Journal of Drug Delivery Science and Technology, 2019, 51,<br>736-745.   | 3.0 | 27        |
| 20 | Formulation and optimization of nanostructured lipid carriers to enhance oral bioavailability of<br>telmisartan using Box–Behnken design. Journal of Drug Delivery Science and Technology, 2018, 44,<br>431-439.  | 3.0 | 44        |
| 21 | Ibuprofen loaded nano-ethanolic liposomes carbopol gel system: <i>in vitro</i> characterization and<br>anti-inflammatory efficacy assessment in Wistar rats. Journal of Polymer Engineering, 2018, 38, 291-298.   | 1.4 | 13        |
| 22 | Ultrasonically tailored, chemically engineered and "QbD―enabled fabrication of agomelatine<br>nanoemulsion; optimization, characterization, ex-vivo permeation and stability study. Ultrasonics<br>Sonochemistry, 2018, 41, 213-226.  | 8.2 | 49        |
| 23 | Formulation and Evaluation of Neuroactive Drug Loaded Chitosan Nanoparticle for Nose to Brain<br>Delivery: In-vitro Characterization and In-vivo Behavior Study. Current Drug Delivery, 2018, 16, 123-135.  | 1.6 | 23        |
| 24 | Application of Lipid Blend-Based Nanoparticulate Scaffold for Oral Delivery of Antihypertensive Drug:<br>Implication on Process Variables and In Vivo Absorption Assessment. Journal of Pharmaceutical<br>Innovation, 2018, 13, 341-352.                                    | 2.4 | 9         |
| 25 | Temozolomide loaded nano lipid based chitosan hydrogel for nose to brain delivery:<br>Characterization, nasal absorption, histopathology and cell line study. International Journal of<br>Biological Macromolecules, 2018, 116, 1260-1267.                                  | 7.5 | 69        |
| 26 | Development of transethosomes formulation for dermal fisetin delivery: Box–Behnken design,<br>optimization, <i>in vitro</i> skin penetration, vesicles–skin interaction and dermatokinetic studies.<br>Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 755-765. | 2.8 | 88        |
| 27 | Ursolic acid loaded intra nasal nano lipid vesicles for brain tumour: Formulation, optimization,<br>in-vivo brain/plasma distribution study and histopathological assessment. Biomedicine and<br>Pharmacotherapy, 2018, 106, 1578-1585.                                     | 5.6 | 24        |
| 28 | Optimization of nanostructured lipid carriers for topical delivery of nimesulide using Box–Behnken<br>design approach. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 617-624.   | 2.8 | 60        |
| 29 | Formulation by design based risperidone nano soft lipid vesicle as a new strategy for enhanced transdermal drug delivery: In-vitro characterization, and in-vivo appraisal. Materials Science and Engineering C, 2017, 75, 1198-1205.                                       | 7.3 | 69        |
| 30 | Development of nabumetone loaded lipid nano-scaffold for the effective oral delivery; optimization, characterization, drug release and pharmacodynamic study. Journal of Molecular Liquids, 2017, 231, 514-522.   | 4.9 | 24        |
| 31 | Development and optimization of ketoconazole loaded nano-transfersomal gel for vaginal delivery<br>using Box-Behnken design: InÂvitro , exÂvivo characterization and antimicrobial evaluation. Journal of<br>Drug Delivery Science and Technology, 2017, 39, 95-103.        | 3.0 | 45        |
| 32 | Chitosan-coated PLGA nanoparticles of bevacizumab as novel drug delivery to target retina:<br>optimization, characterization, and <i>in vitro</i> toxicity evaluation. Artificial Cells, Nanomedicine<br>and Biotechnology, 2017, 45, 1397-1407.                            | 2.8 | 91        |
| 33 | Glial Cell: A Potential Target for Cellular and Drug Based Therapy in Various CNS Diseases. Current<br>Pharmaceutical Design, 2017, 23, 2389-2399.  | 1.9 | 18        |
| 34 | Nano vesicular lipid carriers of angiotensin II receptor blocker: Anti-hypertensive and skin toxicity study in focus. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1-6.  | 2.8 | 22        |
| 35 | Delivery of gatifloxacin using microemulsion as vehicle: formulation, evaluation, transcorneal permeation and aqueous humor drug determination. Drug Delivery, 2016, 23, 886-897.   | 5.7 | 58        |
| 36 | QbD-based carbopol transgel formulation: characterization, pharmacokinetic assessment and therapeutic efficacy in diabetes. Drug Delivery, 2016, 23, 1047-1056.   | 5.7 | 55        |

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|----|--|-----|-----------|
| 37 | Nanostructured lipid carriers of pioglitazone for transdermal application: from experimental design to bioactivity detail. Drug Delivery, 2016, 23, 601-609.   | 5.7 | 63        |
| 38 | Application of Box–Behnken design for preparation of glibenclamide loaded lipid based nanoparticles:<br>Optimization, in vitro skin permeation, drug release and in vivo pharmacokinetic study. Journal of<br>Molecular Liquids, 2016, 219, 897-908. | 4.9 | 40        |
| 39 | Design of experiment based validated stability indicating RP-HPLC method of temozolomide in bulk and pharmaceutical dosage forms. Beni-Suef University Journal of Basic and Applied Sciences, 2016, 5, 402-408.                                      | 2.0 | 16        |
| 40 | Brain Targeting of Temozolomide via the Intranasal Route Using Lipid-Based Nanoparticles: Brain<br>Pharmacokinetic and Scintigraphic Analyses. Molecular Pharmaceutics, 2016, 13, 3773-3782.   | 4.6 | 110       |
| 41 | Formulation and optimization of niosomes for topical diacerein delivery using 3-factor, 3-level<br>Box-Behnken design for the management of psoriasis. Materials Science and Engineering C, 2016, 69,<br>789-797.                                    | 7.3 | 99        |
| 42 | The ameliorated longevity and pharmacokinetics of valsartan released from a gel system of ultradeformable vesicles. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1457-1463.   | 2.8 | 28        |
| 43 | Carvedilol nano lipid carriers: formulation, characterization and <i>in-vivo</i> evaluation. Drug Delivery, 2016, 23, 1486-1494.   | 5.7 | 43        |
| 44 | Design, formulation and optimization of novel soft nano-carriers for transdermal olmesartan<br>medoxomil delivery: In vitro characterization and in vivo pharmacokinetic assessment. International<br>Journal of Pharmaceutics, 2016, 505, 147-158.  | 5.2 | 74        |
| 45 | Levofloxacin loaded gelrite-cellulose polymer based sustained ocular drug delivery: formulation, optimization and biological study. Journal of Polymer Engineering, 2016, 36, 761-769.   | 1.4 | 10        |
| 46 | Terpenes and Essential Oils as Skin Penetration Enhancers. , 2015, , 173-193.  |     | 5         |
| 47 | Formulation by design-based proniosome for accentuated transdermal delivery of risperidone:in vitrocharacterization andin vivopharmacokinetic study. Drug Delivery, 2015, 22, 1059-1070.   | 5.7 | 80        |
| 48 | Enhanced delivery of diclofenac diethylamine loaded Eudragit RL 100 <sup>®</sup> transdermal system against inflammation. Journal of Polymer Engineering, 2015, 35, 699-708.   | 1.4 | 3         |
| 49 | Validated reversed phase HPLC method for determination of pioglitazone hydrochloride in bulk drug and tablet formulations. Journal of Analytical Chemistry, 2015, 70, 744-746.   | 0.9 | 8         |
| 50 | Novel carbopol-based transfersomal gel of 5-fluorouracil for skin cancer treatment: <i>in vitro</i> characterization and <i>in vivo</i> study. Drug Delivery, 2015, 22, 795-802.   | 5.7 | 94        |
| 51 | Development and validation of stability-indicating high performance liquid chromatography method to analyze gatifloxacin in bulk drug and pharmaceutical preparations. Saudi Pharmaceutical Journal, 2015, 23, 85-94.                                | 2.7 | 9         |
| 52 | Nanoethosomes mediated transdermal delivery of vinpocetine for management of Alzheimer's disease.<br>Drug Delivery, 2015, 22, 1018-1026.   | 5.7 | 11        |
| 53 | Optimization of nanostructured lipid carriers of lamotrigine for brain delivery: <i>in<br/>vitro</i> characterization and <i>in vivo</i> efficacy in epilepsy. Expert Opinion on Drug Delivery, 2015,<br>12, 181-194.                                | 5.0 | 93        |
| 54 | Newer Technologies in Oral Vaccine Delivery. Current Drug Therapy, 2015, 9, 173-187.   | 0.3 | 2         |

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|----|---|------|-----------|
| 55 | Editorial (Thematic Issue: Recent Advances in Vaccine Delivery). Current Drug Therapy, 2015, 9, 129-129.  | 0.3  | Ο         |
| 56 | In situ gelling dorzolamide loaded chitosan nanoparticles for the treatment of glaucoma.<br>Carbohydrate Polymers, 2014, 102, 117-124.  | 10.2 | 82        |
| 57 | Optimization of mobile phase by 3 <sup>2</sup> -mixture design for the validation and quantification of risperidone in bulk and pharmaceutical formulations using RP-HPLC. Analytical Methods, 2014, 6, 282-288.  | 2.7  | 20        |
| 58 | Design, formulation and optimization of valsartan transdermal gel containing iso-eucalyptol as novel<br>permeation enhancer: preclinical assessment of pharmacokinetics in Wistar albino rats. Expert<br>Opinion on Drug Delivery, 2014, 11, 1149-1162. | 5.0  | 49        |
| 59 | Poly(lactide-co-glycolide) Nanoparticles for an Extended Delivery of Bevacizumab to Retina:<br>Formulation and In Vitro Characterization. Advanced Science Letters, 2014, 20, 1588-1593.  | 0.2  | 5         |
| 60 | Enhanced transdermal delivery of an anti-hypertensive agent via nanoethosomes: Statistical optimization, characterization and pharmacokinetic assessment. International Journal of Pharmaceutics, 2013, 443, 26-38.                                     | 5.2  | 104       |
| 61 | A validated RP-HPLC method for simultaneous determination of propranolol and valsartan in bulk<br>drug and gel formulation. Journal of Pharmacy and Bioallied Sciences, 2013, 5, 61.  | 0.6  | 26        |
| 62 | Part I: Development and optimization of solidâ€lipid nanoparticles using Box–Behnken statistical design<br>for ocular delivery of gatifloxacin. Journal of Biomedical Materials Research - Part A, 2013, 101A,<br>1813-1827.                            | 4.0  | 45        |
| 63 | Part II: Enhancement of transcorneal delivery of gatifloxacin by solid lipid nanoparticles in<br>comparison to commercial aqueous eye drops. Journal of Biomedical Materials Research - Part A, 2013,<br>101A, 1828-1836.                               | 4.0  | 47        |
| 64 | Vascular damage of retina in diabetic retinopathy and its treatment. Expert Review of Ophthalmology,<br>2012, 7, 73-86.   | 0.6  | 0         |
| 65 | Formulation and optimization of rifampicin microparticles by Box-Behnken statistical design.<br>Pharmaceutical Development and Technology, 2012, 17, 687-696.   | 2.4  | 3         |
| 66 | Formulation and optimization of nanotransfersomes using experimental design technique for<br>accentuated transdermal delivery of valsartan. Nanomedicine: Nanotechnology, Biology, and<br>Medicine, 2012, 8, 237-249.                                   | 3.3  | 146       |
| 67 | Formulation and Optimization of Alkaline Extracted Ispaghula Husk Microscopic Reservoirs of<br>Isoniazid by Box-Behnken Statistical Design. Journal of Dispersion Science and Technology, 2011, 32,<br>424-432.   | 2.4  | 4         |
| 68 | Formulation and optimization of alkaline extracted ispaghula husk microparticles of isoniazid –in<br>vitroandin vivoassessment. Journal of Microencapsulation, 2011, 28, 472-482.   | 2.8  | 24        |
| 69 | Interactions between Novel Terpenes and Main Components of Rat and Human Skin: Mechanistic View<br>for Transdermal Delivery of Propranolol Hydrochloride. Current Drug Delivery, 2011, 8, 213-224.  | 1.6  | 55        |
| 70 | Role of novel terpenes in transcutaneous permeation of valsartan: effectiveness and mechanism of action. Drug Development and Industrial Pharmacy, 2011, 37, 583-596.   | 2.0  | 66        |
| 71 | Matrix type transdermal therapeutic systems of glibenclamide: Formulation, <i>ex vivo</i><br>and <i>in vivo</i> characterization. Drug Discoveries and Therapeutics, 2011, 5, 53-59.  | 1.5  | 5         |
| 72 | Nanotechnology in ocular delivery: Current and future directions. Drugs of Today, 2011, 47, 441.  | 1.1  | 30        |

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|----|--|-----|-----------|
| 73 | Molecular complexes of aspirin with humic acid extracted from shilajit and their characterization.<br>Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 209-215.     | 1.6 | 8         |
| 74 | Extrapulmonary Tuberculosis- Its Management and Control. Current Drug Therapy, 2010, 5, 67-74.   | 0.3 | 0         |
| 75 | Enhanced transdermal delivery of carvedilol using nanoemulsion as a vehicle. Journal of<br>Experimental Nanoscience, 2010, 5, 390-411.   | 2.4 | 18        |
| 76 | Pharmacodynamics of a losartan transdermal system for the treatment of hypertension. Drug<br>Development and Industrial Pharmacy, 2010, 36, 385-392.                                   | 2.0 | 10        |
| 77 | Preparation, characterization, and evaluation of gatifloxacin loaded solid lipid nanoparticles as colloidal ocular drug delivery system. Journal of Drug Targeting, 2010, 18, 191-204. | 4.4 | 106       |
| 78 | Influence of fulvic acid and hydroxy propyl-β-cyclodextrin on aspirin degradation. Drug Development<br>and Industrial Pharmacy, 2010, 36, 428-430.                                     | 2.0 | 1         |
| 79 | Humic acid from Shilajit: A physico-chemical and spectroscopic characterization. Journal of the Serbian Chemical Society, 2010, 75, 413-422.   | 0.8 | 16        |
| 80 | A Review of Hydrodynamically Balanced Drug Delivery Systems. Micro and Nanosystems, 2010, 2, 78-86.  | 0.6 | 0         |
| 81 | Study of the Degradation Kinetics of Carvedilol by Use of a Validated Stability-Indicating LC Method.<br>Chromatographia, 2009, 70, 1283-1286.   | 1.3 | 10        |
| 82 | Chemical penetration enhancers: a patent review. Expert Opinion on Therapeutic Patents, 2009, 19,<br>969-988.  | 5.0 | 85        |
| 83 | Gelatin microspheres of rifampicin cross-linked with sucrose using thermal gelation method for the treatment of tuberculosis. Journal of Microencapsulation, 2009, 26, 83-89.          | 2.8 | 12        |
| 84 | Enhanced Transdermal Drug Delivery Techniques: An Extensive Review of Patents. Recent Patents on<br>Drug Delivery and Formulation, 2009, 3, 105-124.                                   | 2.1 | 66        |
| 85 | Gelriteâ€Based In Vitro Gelation Ophthalmic Drug Delivery System of Gatifloxacin. Journal of Dispersion<br>Science and Technology, 2008, 29, 89-96.                                    | 2.4 | 22        |
| 86 | Book Review. Drug Development and Industrial Pharmacy, 2008, 34, 618-626.  | 2.0 | 38        |
| 87 | Development and Characterization of Liposomeâ€Based Formulation of Amiloride Hydrochloride.<br>Journal of Dispersion Science and Technology, 2008, 29, 415-420.                        | 2.4 | 8         |
| 88 | Treatment of Tuberculosis: Use of Active Pharmaceuticals. Recent Patents on Anti-infective Drug Discovery, 2008, 3, 34-44.   | 0.8 | 10        |
| 89 | Advances in the topical ocular drug delivery. Expert Review of Ophthalmology, 2007, 2, 309-323.  | 0.6 | 7         |
| 90 | Development and characterization of chitosan succinate microspheres for the improved oral bioavailability of insulin Journal of Pharmaceutical Sciences, 2007, 96, 3010-3023           | 3.3 | 37        |

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| 91  | Effect of pre-treatment of almond oil on ultraviolet B?induced cutaneous photoaging in mice. Journal of Cosmetic Dermatology, 2007, 6, 14-19.   | 1.6 | 34        |
| 92  | Status of terpenes as skin penetration enhancers. Drug Discovery Today, 2007, 12, 1061-1067.  | 6.4 | 196       |
| 93  | Ion-Activated, Gelrite®-Based in Situ Ophthalmic Gels of Pefloxacin Mesylate: Comparison with<br>Conventional Eye Drops. Drug Delivery, 2006, 13, 215-219.  | 5.7 | 76        |
| 94  | Evaluation of Carbopol-Methyl Cellulose Based Sustained-Release Ocular Delivery System for<br>Pefloxacin Mesylate Using Rabbit Eye Model. Pharmaceutical Development and Technology, 2006, 11,<br>313-319.  | 2.4 | 36        |
| 95  | Transdermal delivery of β-blockers. Expert Opinion on Drug Delivery, 2006, 3, 405-418.  | 5.0 | 20        |
| 96  | In vivo characterization of monolithic matrix type transdermal drug delivery systems of pinacidil monohydrate: A technical note. AAPS PharmSciTech, 2006, 7, E38-E42.   | 3.3 | 15        |
| 97  | Review of Ocular Drug Delivery. Current Drug Delivery, 2006, 3, 207-217.  | 1.6 | 128       |
| 98  | Particulate and Vesicular Drug Carriers in the Management of Tuberculosis. Current Drug Delivery, 2006, 3, 121-128.   | 1.6 | 15        |
| 99  | Ocular inserts for controlled delivery of pefloxacin mesylate: preparation and evaluation. Acta<br>Pharmaceutica, 2005, 55, 305-14.   | 2.0 | 23        |
| 100 | Taste Masking Technologies in Oral Pharmaceuticals: Recent Developments and Approaches. Drug<br>Development and Industrial Pharmacy, 2004, 30, 429-448.   | 2.0 | 334       |
| 101 | A Three-Way Comparative Study on the Efficacy of Twin Sol to Gel Systems and Marketed Eye Drops of<br>Pefloxacin Mesylate. Journal of Ocular Pharmacology and Therapeutics, 2004, 20, 363-371.  | 1.4 | 7         |
| 102 | Transdermal Drug Delivery Systems of a Beta Blocker: Design, In Vitro, and In Vivo Characterization.<br>Drug Delivery, 2004, 11, 27-31.   | 5.7 | 28        |
| 103 | Matrix type transdermal drug delivery systems of metoprolol tartrate: in vitro characterization. Acta<br>Pharmaceutica, 2003, 53, 119-25.   | 2.0 | 21        |
| 104 | Chemical engineering of a lipid nano-scaffold for the solubility enhancement of an antihyperlipidaemic drug, simvastatin; preparation, optimization, physicochemical characterization and pharmacodynamic study. Artificial Cells, Nanomedicine and Biotechnology, 0, , 1-12. | 2.8 | 5         |