

# Sarwar Beg

## List of Publications by Year in descending order

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Version: 2024-02-01

244  
papers

6,070  
citations

81434

41  
h-index

116156

66  
g-index

247  
all docs

247  
docs citations

247  
times ranked

6438  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A Validated, Rapid and Cost-Efficient HPTLC Method for Quantification of Gamma-Linolenic Acid in Borage Oil and Evaluation of Antioxidant Activity. <i>Journal of Chromatographic Science</i> , 2022, 60, 364-371.   | 0.7 | 2         |
| 2  | Regulatory pathways and federal perspectives on nanoparticles. , 2022, , 563-579.  |     | 0         |
| 3  | EGFâ€functionalized lipidâ€polymer hybrid nanoparticles of 5â€fluorouracil and sulforaphane with enhanced bioavailability and anticancer activity against colon carcinoma. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2205-2221.  | 1.4 | 9         |
| 4  | Therapeutic Application of Microsponges-based Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2022, 28, 595-608.   | 0.9 | 2         |
| 5  | Advancement in protein-based nanocarriers in targeted anticancer therapy. , 2022, , 95-102.  |     | 1         |
| 6  | Polyplexes-based delivery systems for cancer vaccine delivery. , 2022, , 167-191.  |     | 0         |
| 7  | Cancer vaccines. , 2022, , 1-12.   |     | 2         |
| 8  | Mupirocin-Loaded Chitosan Microspheres Embedded in Piper betle Extract Containing Collagen Scaffold Accelerate Wound Healing Activity. <i>AAPS PharmSciTech</i> , 2022, 23, 77.  | 1.5 | 9         |
| 9  | Biocompatible phospholipidâ€based nanovesicular drug delivery system of ketoprofen: Systematic development, optimization, and preclinical evaluation. <i>Biotechnology and Applied Biochemistry</i> , 2022, , .  | 1.4 | 0         |
| 10 | Hispolon-Loaded Liquid Crystalline Nanoparticles: Development, Stability, In Vitro Delivery Profile, and Assessment of Hepatoprotective Activity in Hepatocellular Carcinoma. <i>ACS Omega</i> , 2022, 7, 9452-9464.   | 1.6 | 9         |
| 11 | Rapid Analytical Method Development and Validation for the Simultaneous Estimation of 5-Fluorouracil and Cannabidiol in Plasma and Lipid-based Nanoformulations. <i>Current Analytical Chemistry</i> , 2022, 18, 798-808.  | 0.6 | 10        |
| 12 | Systematic Development of Solid Lipid Nanoparticles of Abiraterone Acetate with Improved Oral Bioavailability and Anticancer Activity for Prostate Carcinoma Treatment. <i>ACS Omega</i> , 2022, 7, 16968-16979.   | 1.6 | 13        |
| 13 | Chemometrics-assisted development of a validated LC method for simultaneous estimation of temozolomide and Î³-linolenic acid: Greenness assessment and application to lipidic nanoparticles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1200, 123261. | 1.2 | 1         |
| 14 | Recent Advances in Nanotechnology-Based Targeted Therapeutics for Breast Cancer Management. <i>Current Drug Metabolism</i> , 2022, 23, 587-602.  | 0.7 | 9         |
| 15 | Additive Manufacturing and Printing Approaches for the Development of Pharmaceutical Dosage Forms with Improved Biopharmaceutical Attributes. <i>Current Drug Metabolism</i> , 2022, 23, 616-629.  | 0.7 | 1         |
| 16 | Formulation and optimization of naringin loaded nanostructured lipid carriers using Box-Behnken based design: In vitro and ex vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103590.  | 1.4 | 11        |
| 17 | Nasal Mucoadhesive Microspheres of Lercanidipine with Improved Systemic Bioavailability and Antihypertensive Activity. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 237-246.  | 1.1 | 10        |
| 18 | Implications of Solid Lipid Nanoparticles of Ganoderic Acid for the Treatment and Management of Hepatocellular Carcinoma. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 359-370.   | 1.1 | 10        |

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|----|--|-----|-----------|
| 19 | Receptor-based targeting of engineered nanocarrier against solid tumors: Recent progress and challenges ahead. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129777.   | 1.1 | 28        |
| 20 | Systematic Development and Validation of a RP-HPLC Method for Estimation of Abiraterone Acetate and its Degradation Products. <i>Journal of Chromatographic Science</i> , 2021, 59, 79-87.   | 0.7 | 10        |
| 21 | Diosmin-loaded solid nanoparticles as nano-antioxidant therapy for management of hepatocellular carcinoma: QbD-based optimization, in vitro and in vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102213.       | 1.4 | 8         |
| 22 | Superbranched polyglycerol nanostructures as drug delivery and theranostics tools for cancer treatment. <i>Drug Discovery Today</i> , 2021, 26, 1006-1017.   | 3.2 | 18        |
| 23 | Nanocarriers-loaded with natural actives as newer therapeutic interventions for treatment of hepatocellular carcinoma. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 489-513.   | 2.4 | 11        |
| 24 | Implications of phospholipid-based nanomixed micelles of olmesartan medoxomil with enhanced lymphatic drug targeting ability and systemic bioavailability. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 62, 102273.                | 1.4 | 4         |
| 25 | Novel nanoemulsion gel containing triple natural bio-actives combination of curcumin, thymoquinone, and resveratrol improves psoriasis therapy: in vitro and in vivo studies. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1245-1260. | 3.0 | 30        |
| 26 | Novel therapeutic interventions in cancer treatment using protein and peptide-based targeted smart systems. <i>Seminars in Cancer Biology</i> , 2021, 69, 249-267.   | 4.3 | 26        |
| 27 | Functionalized mesoporous silica nanoparticles in anticancer therapeutics. <i>Seminars in Cancer Biology</i> , 2021, 69, 365-375.  | 4.3 | 63        |
| 28 | Nanomedicinal strategies as efficient therapeutic interventions for delivery of cancer vaccines. <i>Seminars in Cancer Biology</i> , 2021, 69, 43-51.  | 4.3 | 22        |
| 29 | Liposomal nanotherapeutics in cancer treatment. , 2021, , 121-129.   |     | 1         |
| 30 | Nanotoxicology profiling of cancer nanomedicines. , 2021, , 291-301.   |     | 1         |
| 31 | Surface-decoration strategies in nanomedicine for cancer treatment. , 2021, , 131-152.   |     | 0         |
| 32 | Quality by design-based development of vibrational spectroscopy methods. , 2021, , 133-151.  |     | 1         |
| 33 | Crotamiton-loaded tea tree oil containing phospholipid-based microemulsion hydrogel for scabies treatment: <i>in vitro</i> , <i>in vivo</i> evaluation, and dermatokinetic studies. <i>Drug Delivery</i> , 2021, 28, 1972-1981.                      | 2.5 | 5         |
| 34 | Protein-based nanomedicines as anticancer drug delivery platforms. , 2021, , 153-169.  |     | 2         |
| 35 | Quality by Design approach for systematic development of nanoformulations. , 2021, , 353-364.  |     | 1         |
| 36 | Mixture Designs and Their Applications in Pharmaceutical Product Development. , 2021, , 87-96.   |     | 0         |

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|----|---|-----|-----------|
| 37 | Development and validation of a new UPLC-MS/MS method for quantification of ganoderic acid-A loaded nanolipidic carrier in rat plasma and application to pharmacokinetic studies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1163, 122501. | 1.2 | 5         |
| 38 | Design of Experiments for the Development of Solid Oral Dosage Forms. , 2021, , 19-26.  |     | 1         |
| 39 | Central Composite Designs and Their Applications in Pharmaceutical Product Development. , 2021, , 63-76.  |     | 6         |
| 40 | Risk assessment and design space consideration in analytical quality by design. , 2021, , 167-189.  |     | 4         |
| 41 | Regulatory perspectives of nanomedicines for cancer treatment. , 2021, , 29-49.   |     | 0         |
| 42 | Immunochemo combination therapy in cancer treatment. , 2021, , 255-273.   |     | 0         |
| 43 | Boxâ€Behnken Designs and Their Applications in Pharmaceutical Product Development. , 2021, , 77-85.   |     | 13        |
| 44 | Introduction to analytical quality by design. , 2021, , 1-14.   |     | 7         |
| 45 | Polymeric nanoparticles for potential drug delivery applications in cancer. , 2021, , 65-88.  |     | 2         |
| 46 | Good laboratory practice and current good manufacturing practice requirements in the development of cancer nanomedicines. , 2021, , 341-352.  |     | 0         |
| 47 | Antibody-drug combination therapy in cancer treatment. , 2021, , 227-253.   |     | 0         |
| 48 | Market research in cancer therapeutics: New and generic product development. , 2021, , 17-27.   |     | 0         |
| 49 | Formulation and biological stability of nanomedicines in cancer treatment. , 2021, , 277-289.   |     | 5         |
| 50 | Nanomedicine for combinational anticancer drug therapeutics: Recent advances, challenges, and future perspectives. , 2021, , 3-16.  |     | 1         |
| 51 | Response Surface Designs and Their Applications in Pharmaceutical Development. , 2021, , 27-41.   |     | 1         |
| 52 | Inflammatory Biomarkers: An Important Tool for Herbal Drug Discovery. , 2021, , 1-25.   |     | 0         |
| 53 | Herbal Anti-Arthritic Drug Discovery Tool Based on Inflammatory Biomarkers. , 2021, , 27-41.  |     | 0         |
| 54 | Nanotechnology Based Approach for Hepatocellular Carcinoma Targeting. Current Drug Targets, 2021, 22, 779-792.  | 1.0 | 13        |

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|----|--|-----|-----------|
| 55 | Nanomedicinal Strategies as Emerging Therapeutic Avenues to Treat and Manage Cerebral Ischemia. CNS and Neurological Disorders - Drug Targets, 2021, 20, 125-144.  | 0.8 | 6         |
| 56 | QbD-steered development of mixed nanomicelles of galantamine: Demonstration of enhanced brain uptake, prolonged systemic retention and improved biopharmaceutical attributes. International Journal of Pharmaceutics, 2021, 600, 120482. | 2.6 | 8         |
| 57 | A Review of Eugenol-based Nanomedicine: Recent Advancements. Current Bioactive Compounds, 2021, 17, 214-219.   | 0.2 | 7         |
| 58 | Paclitaxel and naringenin-loaded solid lipid nanoparticles surface modified with cyclic peptides with improved tumor targeting ability in glioblastoma multiforme. Biomedicine and Pharmacotherapy, 2021, 138, 111461.                   | 2.5 | 42        |
| 59 | Development of a Validated Bioanalytical UPLC-MS/MS Method for Quantification of Neratinib: A Recent Application to Pharmacokinetic Studies in Rat Plasma. Journal of Chromatographic Science, 2021, , .                                 | 0.7 | 3         |
| 60 | Development and Validation of Chemometrics-Assisted Green UPLC-MS/MS Bioanalytical Method for Simultaneous Estimation of Capecitabine and Lapatinib in Rat Plasma. Journal of Chromatographic Science, 2021, , .                         | 0.7 | 5         |
| 61 | Therapeutic potential of nanoemulsions as feasible wagons for targeting Alzheimer's disease. Drug Discovery Today, 2021, 26, 2881-2888.  | 3.2 | 29        |
| 62 | Three Ds: Design approach, dimensional printing, and drug delivery systems as promising tools in healthcare applications. Drug Discovery Today, 2021, 26, 2726-2733.   | 3.2 | 8         |
| 63 | Nano lipidic carriers for codelivery of sorafenib and ganoderic acid for enhanced synergistic antitumor efficacy against hepatocellular carcinoma. Saudi Pharmaceutical Journal, 2021, 29, 843-856.                                      | 1.2 | 7         |
| 64 | Lipid/polymer-based nanocomplexes in nucleic acid delivery as cancer vaccines. Drug Discovery Today, 2021, 26, 1891-1903.  | 3.2 | 19        |
| 65 | Lipid engineered nanoparticle therapy for burn wound treatment. Current Pharmaceutical Biotechnology, 2021, 22, .  | 0.9 | 1         |
| 66 | UPLC-MS/MS Method Validation for Estimation of Resveratrol in Rat Skin from Liposphere Gel Formulation and Its Application to Dermatokinetic Studies in Rats. Journal of Chromatographic Science, 2021, , .                              | 0.7 | 1         |
| 67 | Systematic development of lectin conjugated microspheres for nose-to-brain delivery of rivastigmine for the treatment of Alzheimer's disease. Biomedicine and Pharmacotherapy, 2021, 141, 111829.  | 2.5 | 18        |
| 68 | Design of experiments application for analytical method development. , 2021, , 191-197.  |     | 1         |
| 69 | Introduction to the Application of Experimental Designs in Pharmaceutical Product Development. , 2021, , 1-17.   |     | 0         |
| 70 | Lipid-polymer hybrid nanoparticles: Production, characterization and formulation of nucleic acids for cancer therapy. , 2021, , 89-105.  |     | 0         |
| 71 | Clinical translation status of nanoformulations. , 2021, , 303-338.  |     | 5         |
| 72 | Biopharmaceutical challenges in using lipid nanoparticles for oral chemotherapy. , 2021, , 53-64.  |     | 0         |

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|----|---|-----|-----------|
| 73 | Nanotechnology-assisted medical devices in cancer treatment. , 2021, , 195-205.   |     | 2         |
| 74 | Quality by design-based development of nondestructive analytical techniques. , 2021, , 153-166.   |     | 1         |
| 75 | Metallic nanoparticles in drug delivery and cancer treatment. , 2021, , 107-119.  |     | 7         |
| 76 | Analytical quality by design for capillary electrophoresis. , 2021, , 115-132.  |     | 0         |
| 77 | Analytical quality by design for liquid chromatographic method development. , 2021, , 87-97.  |     | 1         |
| 78 | Screening Experimental Designs and Their Applications in Pharmaceutical Development. , 2021, , 15-26.   |     | 2         |
| 79 | Taguchi and Plackettâ€“Burman Designs in Pharmaceutical Product Development. , 2021, , 55-62.   |     | 1         |
| 80 | Design of Experiments for the Development of Biotechnology Products. , 2021, , 171-188.   |     | 0         |
| 81 | Nanostructured Therapeutic Systems of PUFAs for the Treatment of Glioblastoma Multiforme. Current Drug Metabolism, 2021, 22, 1087-1102.   | 0.7 | 2         |
| 82 | Phytoactives-loaded nanocarriers for liver cancer treatment. , 2021, , 171-191.   |     | 0         |
| 83 | Immunotherapy as a boon in cancer treatment. , 2021, , 207-226.   |     | 0         |
| 84 | Recent advances in lipid-engineered multifunctional nanophytomedicines for cancer targeting. Journal of Controlled Release, 2021, 340, 48-59.   | 4.8 | 19        |
| 85 | Drug Delivery Systems and the Scope of Translational Research (PART - I). Current Pharmaceutical Design, 2021, 27, 4355-4355.   | 0.9 | 0         |
| 86 | Liposomes as Anticancer Therapeutic Drug Carrierâ€™s Systems: More than a Tour de Force. Current Nanomedicine, 2020, 10, 178-185.   | 0.2 | 8         |
| 87 | Chemometricsâ€™assisted development of a liquid chromatography method for estimation of lapatinib in tablets: A case study on a novel quality concept. Separation Science Plus, 2020, 3, 12-21.                               | 0.3 | 5         |
| 88 | Target strategies for drug delivery bypassing ocular barriers. Journal of Drug Delivery Science and Technology, 2020, 55, 101389.   | 1.4 | 51        |
| 89 | Systematic development and validation of RP-HPLC method for simultaneous estimation of tamoxifen and sulphoraphane with specific application for nanolipidic formulations. Arabian Journal of Chemistry, 2020, 13, 7909-7920. | 2.3 | 19        |
| 90 | 3D printing for drug delivery and biomedical applications. Drug Discovery Today, 2020, 25, 1668-1681.   | 3.2 | 119       |

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|-----|---|-----|-----------|
| 91  | &lt;p&gt;Cationic Solid Lipid Nanoparticles of Resveratrol for Hepatocellular Carcinoma Treatment: Systematic Optimization, in vitro Characterization and Preclinical Investigation&lt;/p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 9283-9299.                       | 3.3 | 33        |
| 92  | Integrated Analytical Quality by Design (AQbD) Approach for the Development and Validation of Bioanalytical Liquid Chromatography Method for Estimation of Valsartan. Journal of Chromatographic Science, 2020, 58, 606-621.  | 0.7 | 23        |
| 93  | Systematic development of a bioanalytical UPLC-MS/MS method for estimation of risperidone and its active metabolite in long-acting microsphere formulation in rat plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1160, 122433. | 1.2 | 9         |
| 94  | Cationic self-nanoemulsifying formulations of tamoxifen with improved biopharmaceutical attributes and anticancer activity: Systematic development and evaluation. Journal of Molecular Liquids, 2020, 320, 114534.   | 2.3 | 1         |
| 95  | Selective targeting of cancer signaling pathways with nanomedicines: challenges and progress. Future Oncology, 2020, 16, 2959-2979.   | 1.1 | 22        |
| 96  | Nanotherapeutic systems for delivering cancer vaccines: recent advances. Nanomedicine, 2020, 15, 1527-1537.   | 1.7 | 31        |
| 97  | Resveratrol-loaded folate targeted lipoprotein-mimetic nanoparticles with improved cytotoxicity, antioxidant activity and pharmacokinetic profile. Materials Science and Engineering C, 2020, 114, 111016.  | 3.8 | 16        |
| 98  | Bioactive-Loaded Chemical Engineered Nanocarriers for Health Care Applications. Current Biochemical Engineering, 2020, 6, 5-6.  | 1.3 | 8         |
| 99  | Stimuli Responsive In Situ Gelling Systems Loaded with PLGA Nanoparticles of Moxifloxacin Hydrochloride for Effective Treatment of Periodontitis. AAPS PharmSciTech, 2020, 21, 76.  | 1.5 | 24        |
| 100 | Front Cover: Chemometricsâ€assisted development of a liquid chromatography method for estimation of lapatinib in tablets: A case study on a novel quality concept. Separation Science Plus, 2020, 3, NA.  | 0.3 | 0         |
| 101 | Comparative evaluation of the liquid chromatographic methods for simultaneous analysis of quercetin and salicin in an antiâ€psoriasis polyherbal formulation. Separation Science Plus, 2020, 3, 77-85.  | 0.3 | 4         |
| 102 | Nanostructured lipidic carriers for dual drug delivery in the management of psoriasis: Systematic optimization, dermatokinetic and preclinical evaluation. Journal of Drug Delivery Science and Technology, 2020, 57, 101775.   | 1.4 | 34        |
| 103 | Advancement in Polymer and Lipid-based Nanotherapeutics for Cancer Drug Targeting. Current Pharmaceutical Design, 2020, 26, 1127-1127.  | 0.9 | 9         |
| 104 | Nucleic acid-loaded lipid-polymer nanohybrids as novel nanotherapeutics in anticancer therapy. Expert Opinion on Drug Delivery, 2020, 17, 805-816.  | 2.4 | 18        |
| 105 | Evidence-Based Review on Clinical Potential of Thymoquinone in Breast Cancer. , 2020, , 471-486.  |     | 3         |
| 106 | Nanotechnology-Based Phytotherapeutics: Current Status and Challenges. , 2020, , 1-17.  |     | 5         |
| 107 | Systematic Product and Process Development Tools in Life Cycle Management. , 2020, , 33-51.   |     | 4         |
| 108 | Systematic Development of Drug Nanocargos Using Formulation by Design (FbD): An Updated Overview. Critical Reviews in Therapeutic Drug Carrier Systems, 2020, 37, 229-269.  | 1.2 | 18        |

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|-----|---|-----|-----------|
| 109 | Lipid-Based Nanosystem As Intelligent Carriers for Versatile Drug Delivery Applications. Current Pharmaceutical Design, 2020, 26, 1167-1180.  | 0.9 | 41        |
| 110 | Therapeutic Nanoemulsion: Concept to Delivery. Current Pharmaceutical Design, 2020, 26, 1145-1166.  | 0.9 | 30        |
| 111 | Chemically Nano-Engineered Theranostics for Phytoconstituents as Healthcare Application. Current Biochemical Engineering, 2020, 6, 53-61.   | 1.3 | 5         |
| 112 | Recent Advances in the Development of Modified Release Oral Dosage Forms. , 2020, , 79-96.  |     | 0         |
| 113 | Cancer Nano-therapeutics: Prospective and Challenges. Current Nanomedicine, 2020, 10, 88-89.  | 0.2 | 0         |
| 114 | Polyunsaturated Fatty Acid-Loaded Nanomedicine for Solid Tumor. , 2020, , 185-200.  |     | 0         |
| 115 | Ganoderic acid loaded nano-lipidic carriers improvise treatment of hepatocellular carcinoma. Drug Delivery, 2019, 26, 782-793.  | 2.5 | 62        |
| 116 | Nanopaclitaxel therapy: an evidence based review on the battle for next-generation formulation challenges. Nanomedicine, 2019, 14, 1323-1341.   | 1.7 | 61        |
| 117 | Conventional formulations, Challenges, and Nanomedicines in Infective and Non-Infective Skin Diseases Therapy. Recent Patents on Anti-infective Drug Discovery, 2019, 14, 5-6.  | 0.5 | 2         |
| 118 | Application of chemometric approach for development and validation of high performance liquid chromatography method for estimation of ropinirole hydrochloride. Journal of Separation Science, 2019, 42, 3293-3301.               | 1.3 | 9         |
| 119 | Nanostructured lipidic carriers of lopinavir for effective management of HIV-associated neurocognitive disorder. Journal of Drug Delivery Science and Technology, 2019, 53, 101220.   | 1.4 | 19        |
| 120 | Paclitaxel-loaded Nanolipidic Carriers with Improved Oral Bioavailability and Anticancer Activity against Human Liver Carcinoma. AAPS PharmSciTech, 2019, 20, 87.   | 1.5 | 60        |
| 121 | Analytical lifecycle management approach: Application to development of a reliable LC method for estimation of lacidipine. Separation Science Plus, 2019, 2, 18-25.   | 0.3 | 8         |
| 122 | Resveratrol loaded functionalized nanostructured lipid carriers for breast cancer targeting: Systematic development, characterization and pharmacokinetic evaluation. Colloids and Surfaces B: Biointerfaces, 2019, 181, 756-766. | 2.5 | 69        |
| 123 | Application of chemometric approach for QbD-Enabled development and validation of an RP-HPLC method for estimation of methotrexate. Journal of Liquid Chromatography and Related Technologies, 2019, 42, 502-512.                 | 0.5 | 23        |
| 124 | Functionalized graphene-based nanomaterials for drug delivery and biomedical applications in cancer chemotherapy. , 2019, , 429-460.  |     | 6         |
| 125 | Quality-by-Design based development and characterization of pioglitazone loaded liquisolid compact tablets with improved biopharmaceutical attributes. Journal of Drug Delivery Science and Technology, 2019, 51, 345-355.        | 1.4 | 13        |
| 126 | Metallic Nanoparticles for Drug Delivery and Biomedical Applications: Patent Perspectives. Current Nanomedicine, 2019, 8, 176-176.  | 0.2 | 5         |



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|-----|---|-----|-----------|
| 127 | Introduction to Quality by Design (QbD): Fundamentals, Principles, and Applications. , 2019, , 1-17.  |     | 30        |
| 128 | Application of Design of Experiments (DoE) in Pharmaceutical Product and Process Optimization. , 2019, , 43-64.   |     | 54        |
| 129 | “Quality by Design”™ Approach for Development of Multiparticulate Drug Delivery Systems. , 2019, , 351-365.   |     | 4         |
| 130 | Application of QbD Elements for the Development of Conventional to Lipid Vesicular for Topical Drug Delivery System. , 2019, , 367-378.   |     | 0         |
| 131 | Application of Quality by Design for the Development of Biopharmaceuticals. , 2019, , 399-411.  |     | 13        |
| 132 | Application of Quality by Design Paradigms for Development of Solid Dosage Forms. , 2019, , 109-130.  |     | 6         |
| 133 | QbD Considerations for Topical and Transdermal Product Development. , 2019, , 131-150.  |     | 1         |
| 134 | QbD-Based Development of Cationic Self-nanoemulsifying Drug Delivery Systems of Paclitaxel with Improved Biopharmaceutical Attributes. AAPS PharmSciTech, 2019, 20, 118.  | 1.5 | 23        |
| 135 | Chylomicron mimicking nanocolloidal carriers of rosuvastatin calcium for lymphatic drug targeting and management of hyperlipidemia. Colloids and Surfaces B: Biointerfaces, 2019, 177, 541-549.                                       | 2.5 | 17        |
| 136 | Liposomes as topical drug delivery systems: State of the arts. , 2019, , 149-161.   |     | 7         |
| 137 | Purple heart plant leaves extract-mediated silver nanoparticle synthesis: Optimization by Box-Behnken design. Materials Science and Engineering C, 2019, 99, 1105-1114.   | 3.8 | 124       |
| 138 | Perspective in Topical Infective and Non-infective Skin Diseases Therapy with Emergence of Nanomedicine. Recent Patents on Anti-infective Drug Discovery, 2019, 14, 3-4.  | 0.5 | 1         |
| 139 | Dental pulp capping nanocomposites. , 2019, , 65-91.  |     | 3         |
| 140 | Quality-by-design approach as a systematic tool for the development of nanopharmaceutical products. Drug Discovery Today, 2019, 24, 717-725.  | 3.2 | 67        |
| 141 | Formulation Development, Statistical Optimization and Characterization of the Self-Microemulsifying Drug Delivery System (SMEDDS) of Irbesartan. Nanoscience and Nanotechnology - Asia, 2019, 9, 210-228.                             | 0.3 | 4         |
| 142 | Herbal medicine: current progress, and challenges. Current Bioactive Compounds, 2019, 15, .   | 0.2 | 0         |
| 143 | Soluble starch-blended Ca <sup>2+</sup> -Zn <sup>2+</sup> -alginate composites-based microparticles of aceclofenac: Formulation development and in vitro characterization. Future Journal of Pharmaceutical Sciences, 2018, 4, 63-70. | 1.1 | 40        |
| 144 | Novel cationic supersaturable nanomicellar systems of raloxifene hydrochloride with enhanced biopharmaceutical attributes. Drug Delivery and Translational Research, 2018, 8, 670-692.  | 3.0 | 39        |

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|-----|---|-----|-----------|
| 145 | Implication of nano-antioxidant therapy for treatment of hepatocellular carcinoma using PLGA nanoparticles of rutin. <i>Nanomedicine</i> , 2018, 13, 849-870.   | 1.7 | 87        |
| 146 | QbD-driven development and evaluation of nanostructured lipid carriers (NLCs) of Olmesartan medoxomil employing multivariate statistical techniques. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 407-420. | 0.9 | 46        |
| 147 | Long-chain triglycerides-based self-nanoemulsifying oily formulations (SNEOFs) of darunavir with improved lymphatic targeting potential. <i>Journal of Drug Targeting</i> , 2018, 26, 252-266.                            | 2.1 | 27        |
| 148 | Nanomedicine Advances in Topical Infective and Non-Infective Skin Diseases Therapy. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2018, 13, 104-104.   | 0.5 | 4         |
| 149 | Development and Validation of High-Performance Liquid Chromatographic Method for Estimation of Olmesartan Medoxomil in Rat Lymph. <i>Analytical Chemistry Letters</i> , 2018, 8, 704-712.                                 | 0.4 | 2         |
| 150 | Development and Validation of QbD-Driven Bioanalytical LC-MS/MS Method for the Quantification of Paracetamol and Diclofenac in Human Plasma. <i>Analytical Chemistry Letters</i> , 2018, 8, 677-691.                      | 0.4 | 14        |
| 151 | Nanocolloidal lipidic carriers of olmesartan medoxomil surface-tailored with Concanavalin-A for lectin receptor targeting. <i>Nanomedicine</i> , 2018, 13, 3107-3128.   | 1.7 | 17        |
| 152 | Current Progress in Synthesis, Characterization and Applications of Silver Nanoparticles: Precepts and Prospects. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2018, 13, 53-69.                               | 0.5 | 35        |
| 153 | Drug delivery. , 2018, , 255-282.   |     | 21        |
| 154 | Emergence in the functionalized carbon nanotubes as smart nanocarriers for drug delivery applications. , 2018, , 105-133.   |     | 24        |
| 155 | Metal-organic frameworks as expanding hybrid carriers with diverse therapeutic applications. , 2018, , 1-34.  |     | 4         |
| 156 | Insights into the Targeting Potential of Thymoquinone for Therapeutic Intervention Against Triple-negative Breast Cancer. <i>Current Drug Targets</i> , 2018, 19, 70-80.  | 1.0 | 43        |
| 157 | Editorial: Nanomedicines for the Treatment of Tuberculosis: Role of Nanocarriers and Functional Excipients. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2018, 12, 84-84.                                     | 0.5 | 0         |
| 158 | Nanoemulsion for the Effective Treatment and Management of Anti-tubercular Drug Therapy. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2018, 12, 85-94.  | 0.5 | 7         |
| 159 | Development, Optimization and Evaluation of Nanoparticle Gel Formulation Using Lemon Grass Oil. <i>Nanoscience and Nanotechnology - Asia</i> , 2018, 8, 216-228.  | 0.3 | 0         |
| 160 | Systematic Development of Transethosomal Gel System of Piroxicam: Formulation Optimization, In Vitro Evaluation, and Ex Vivo Assessment. <i>AAPS PharmSciTech</i> , 2017, 18, 58-71.                                      | 1.5 | 110       |
| 161 | Novel surface-engineered solid lipid nanoparticles of rosuvastatin calcium for low-density lipoprotein-receptor targeting: a Quality by Design-driven perspective. <i>Nanomedicine</i> , 2017, 12, 333-356.               | 1.7 | 33        |
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