

Robert RoÅ;kar

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,193
citations

257357

24
h-index

233338

45
g-index

68
all docs

68
docs citations

68
times ranked

3618
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Multi-parameter risk assessment of forty-one selected substances with endocrine disruptive properties in surface waters worldwide. <i>Chemosphere</i> , 2022, 287, 132195. | 4.2 | 9 |
| 2 | Forced Solid-State Oxidation Studies of Nifedipine-PVP Amorphous Solid Dispersion. <i>Molecular Pharmaceutics</i> , 2022, 19, 568-583. | 2.3 | 7 |
| 3 | Electrospinning as a novel method for drying iron-oxidebased magnetic nanoparticle dispersions. , 2022, , . | | 0 |
| 4 | Development of an Analytical Method for Determination of Related Substances and Degradation Products of Cabotegravir Using Analytical Quality by Design Principles. <i>ACS Omega</i> , 2022, 7, 8896-8905. | 1.6 | 5 |
| 5 | Nitrocellulose blister material as a source of N-nitrosamine contamination of pharmaceutical drug products. <i>International Journal of Pharmaceutics</i> , 2022, 618, 121687. | 2.6 | 16 |
| 6 | Spherical Agglomerates of Lactose Reduce Segregation in Powder Blends and Improve Uniformity of Tablet Content at High Drug Loads. <i>AAPS PharmSciTech</i> , 2022, 23, 17. | 1.5 | 2 |
| 7 | Retinoid stability and degradation kinetics in commercial cosmetic products. <i>Journal of Cosmetic Dermatology</i> , 2021, 20, 2350-2358. | 0.8 | 17 |
| 8 | A comprehensive approach for the simultaneous analysis of all main water-soluble vitamins in multivitamin preparations by a stability-indicating HPLC-DAD method. <i>Food Chemistry</i> , 2021, 337, 127768. | 4.2 | 24 |
| 9 | Quality control of retinoids in commercial cosmetic products. <i>Journal of Cosmetic Dermatology</i> , 2021, 20, 1166-1175. | 0.8 | 9 |
| 10 | Development of magnetic nanoparticles for targeted drug delivery. , 2021, , . | | 0 |
| 11 | Antioxidant efficacy of vitamins loaded lipid based delivery systems with different microstructure for dermal application. , 2021, , . | | 0 |
| 12 | Stability of Reduced and Oxidized Coenzyme Q10 in Finished Products. <i>Antioxidants</i> , 2021, 10, 360. | 2.2 | 7 |
| 13 | Bioevaluation methods for iron-oxide-based magnetic nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120348. | 2.6 | 19 |
| 14 | Comprehensive Stability Study of Vitamin D3 in Aqueous Solutions and Liquid Commercial Products. <i>Pharmaceutics</i> , 2021, 13, 617. | 2.0 | 17 |
| 15 | Treatment challenges and delivery systems in immunomodulation and probiotic therapies for periodontitis. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1229-1244. | 2.4 | 16 |
| 16 | Hydrophilic nanofibers as a supersaturating delivery system for carvedilol. <i>International Journal of Pharmaceutics</i> , 2021, 603, 120700. | 2.6 | 2 |
| 17 | Quality Control of Vitamins A and E and Coenzyme Q10 in Commercial Anti-Ageing Cosmetic Products. <i>Cosmetics</i> , 2021, 8, 61. | 1.5 | 5 |
| 18 | Stability-Indicating Analytical Approach for Stability Evaluation of Lactoferrin. <i>Pharmaceutics</i> , 2021, 13, 1065. | 2.0 | 7 |

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|----|--|-----|-----------|
| 19 | Understanding of cabotegravir degradation through isolation and characterization of key degradation products and kinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 201, 114096. | 1.4 | 1 |
| 20 | Design of experiments and multivariate analysis approach to study dissolution stability of a modified-release drug product to support lean design strategies. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 1481-1488. | 0.9 | 1 |
| 21 | Maturation of midazolam clearance in critically ill children with severe bronchiolitis: A population pharmacokinetic analysis. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 141, 105095. | 1.9 | 4 |
| 22 | The potential of nanofibers to increase solubility and dissolution rate of the poorly soluble and chemically unstable drug lovastatin. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118809. | 2.6 | 23 |
| 23 | Determination and photodegradation of sertraline residues in aqueous environment. <i>Environmental Pollution</i> , 2020, 256, 113431. | 3.7 | 37 |
| 24 | Polymer Blend Containing MoO ₃ Nanowires with Antibacterial Activity against <i>Staphylococcus epidermidis</i> ATCC 12228. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-11. | 1.5 | 6 |
| 25 | Prediction of saxagliptin stability using a new approach based on Partial Least Squares and Design of Experiments. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 1260-1270. | 1.1 | 0 |
| 26 | Quantification of reduced and oxidized coenzyme Q10 in supplements and medicines by HPLC-UV. <i>Analytical Methods</i> , 2020, 12, 2580-2589. | 1.3 | 3 |
| 27 | Suitability and functional characterization of two Calu-3 cell models for prediction of drug permeability across the airway epithelial barrier. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119484. | 2.6 | 22 |
| 28 | Effects of Electrospinning on the Viability of Ten Species of Lactic Acid Bacteria in Poly(Ethylene) Terephthalate Nanofibers. <i>Journal of Membrane Science</i> , 2020, 610, 118000. | 2.0 | 51 |
| 29 | Electrospun nanofibers for customized drug-delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 672-681. | 1.4 | 148 |
| 30 | One-Pot Method for Preparation of Magnetic Multi-Core Nanocarriers for Drug Delivery. <i>Materials</i> , 2019, 12, 540. | 1.3 | 10 |
| 31 | Fast and Simple LC-MS/MS Method for Rifampicin Quantification in Human Plasma. <i>International Journal of Analytical Chemistry</i> , 2019, 2019, 1-7. | 0.4 | 8 |
| 32 | Sustained release of antimicrobials from double-layer nanofiber mats for local treatment of periodontal disease, evaluated using a new micro flow-through apparatus. <i>Journal of Controlled Release</i> , 2019, 316, 223-235. | 4.8 | 40 |
| 33 | Development of electrospun nanofibers that enable high loading and long-term viability of probiotics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 136, 108-119. | 2.0 | 92 |
| 34 | Preparation of poloxamer-based nanofibers for enhanced dissolution of carvedilol. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 331-340. | 1.9 | 37 |
| 35 | Applying the methodology of Design of Experiments to stability studies: a Partial Least Squares approach for evaluation of drug stability. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 778-786. | 0.9 | 7 |
| 36 | Nanofibers with Incorporated Autochthonous Bacteria as Potential Probiotics for Local Treatment of Periodontal Disease. <i>Biomacromolecules</i> , 2018, 19, 4299-4306. | 2.6 | 53 |

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|----|---|-----|-----------|
| 37 | Development of a Multi-Residue Method for Monitoring 44 Pharmaceuticals in Slovene Surface Water by SPE-LC-MS/MS. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1. | 1.1 | 18 |
| 38 | Association of Dyslipidemia, Oxidative Stress, and Inflammation With Redox Status in VLDL, LDL, and HDL Lipoproteins in Patients With Renal Disease. <i>Angiology</i> , 2018, 69, 861-870. | 0.8 | 26 |
| 39 | Impact of PCL nanofiber mat structural properties on hydrophilic drug release and antibacterial activity on periodontal pathogens. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 122, 347-358. | 1.9 | 62 |
| 40 | Shelf life after opening of prescription medicines and supplements with vitamin D ₃ for paediatric use. <i>European Journal of Hospital Pharmacy</i> , 2017, 24, 115-119. | 0.5 | 9 |
| 41 | A novel LC-MS/MS method for the simultaneous quantification of topiramate and its main metabolites in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 180-188. | 1.4 | 7 |
| 42 | Development of medicated foams that combine incompatible hydrophilic and lipophilic drugs for psoriasis treatment. <i>International Journal of Pharmaceutics</i> , 2017, 524, 65-76. | 2.6 | 11 |
| 43 | Novel HPLC-UV Method for Simultaneous Determination of Fat-soluble Vitamins and Coenzyme Q10 in Medicines and Supplements. <i>Acta Chimica Slovenica</i> , 2017, 64, 523-529. | 0.2 | 12 |
| 44 | Design and Fabrication of Magnetically Responsive Nanocarriers for Drug Delivery. <i>Current Medicinal Chemistry</i> , 2017, 24, 454-469. | 1.2 | 64 |
| 45 | Levels of pharmaceuticals in Slovene municipal and hospital wastewaters: a preliminary study. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2016, 67, 106-115. | 0.4 | 8 |
| 46 | Stability-Indicating HPLC-UV Method for Vitamin D ₃ Determination in Solutions, Nutritional Supplements and Pharmaceuticals. <i>Journal of Chromatographic Science</i> , 2016, 54, 1180-1186. | 0.7 | 43 |
| 47 | An advanced oxidation process for wastewater treatment to reduce the ecological burden from pharmacotherapy and the agricultural use of pesticides. <i>Ecological Engineering</i> , 2016, 97, 186-195. | 1.6 | 27 |
| 48 | Formulation and evaluation of chitosan/polyethylene oxide nanofibers loaded with metronidazole for local infections. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 95, 152-160. | 1.9 | 42 |
| 49 | Comparison of metoprolol tartrate multiple-unit lipid matrix systems produced by different technologies. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 88, 233-245. | 1.9 | 10 |
| 50 | Development and validation of a simple and sensitive size-exclusion chromatography method for quantitative determination of heparin in pharmaceuticals. <i>Acta Pharmaceutica</i> , 2015, 65, 43-52. | 0.9 | 5 |
| 51 | Electrospun polycaprolactone nanofibers as a potential oromucosal delivery system for poorly water-soluble drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 75, 101-113. | 1.9 | 139 |
| 52 | Nanofiber diameter as a critical parameter affecting skin cell response. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 66, 29-35. | 1.9 | 53 |
| 53 | Simple and sensitive high performance liquid chromatography method with fluorescence detection for therapeutic drug monitoring of topiramate. <i>Acta Chimica Slovenica</i> , 2015, 62, 411-419. | 0.2 | 9 |
| 54 | Absorption and elimination of imatinib through the rat intestine in vitro. <i>International Journal of Pharmaceutics</i> , 2014, 460, 144-149. | 2.6 | 3 |

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|----|---|-----|-----------|
| 55 | Development and bioevaluation of nanofibers with blood-derived growth factors for dermal wound healing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 64-74. | 2.0 | 69 |
| 56 | Simultaneous determination of gabapentin, pregabalin, vigabatrin, and topiramate in plasma by HPLC with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 962, 82-88. | 1.2 | 38 |
| 57 | Targeting intracellular compartments by magnetic polymeric nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 130-138. | 1.9 | 40 |
| 58 | Do the Recommended Standards for In Vitro Biopharmaceutic Classification of Drug Permeability Meet the "Passive Transport" Criterion for Biowaivers?. <i>Current Drug Metabolism</i> , 2013, 14, 21-27. | 0.7 | 7 |
| 59 | Evaluation of bisphenol A glucuronidation according to UGT1A1*28 polymorphism by a new LC-MS/MS assay. <i>Toxicology</i> , 2012, 292, 33-41. | 2.0 | 36 |
| 60 | The development of a quick method for amorphicity determination by isothermal microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 1023-1030. | 2.0 | 8 |
| 61 | Determination of raloxifene and its glucuronides in human urine by liquid chromatography-tandem mass spectrometry assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2323-2331. | 1.2 | 26 |
| 62 | Toxicological Aspects of Long-Term Treatment of Keratinocytes with ZnO and TiO ₂ Nanoparticles. <i>Small</i> , 2010, 6, 1908-1917. | 5.2 | 186 |
| 63 | Determination of Benzodiazepines in Urine Via Benzophenone Derivatives Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2010, 61, 381-388. | 0.4 | 7 |
| 64 | Synthesis of 3,5-disubstituted 1,2,4-oxadiazoles as peptidomimetic building blocks. <i>Tetrahedron Letters</i> , 2007, 48, 1465-1468. | 0.7 | 37 |
| 65 | Targeting cancer cells using PLGA nanoparticles surface modified with monoclonal antibody. <i>Journal of Controlled Release</i> , 2007, 120, 18-26. | 4.8 | 376 |
| 66 | Evaluation of the Moisture Sorption Behaviour of Several Excipients by BET, GAB and Microcalorimetric Approaches. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 662-665. | 0.6 | 26 |
| 67 | HPLC determination of tramadol in human breast milk. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 32, 1061-1066. | 1.4 | 39 |
| 68 | Liquid chromatographic determination of diclofenac in human synovial fluid. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 788, 57-64. | 1.2 | 45 |