

Alessandra Rossi

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,306
citations

331670

21
h-index

361022

35
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45
all docs

45
docs citations

45
times ranked

1801
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Overview on gastroretentive drug delivery systems for improving drug bioavailability. <i>International Journal of Pharmaceutics</i> , 2016, 510, 144-158. | 5.2 | 194 |
| 2 | Opportunity and challenges of nasal powders: Drug formulation and delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 113, 2-17. | 4.0 | 83 |
| 3 | Characterization of a polyurethane-based controlled release system for local delivery of chlorhexidine diacetate. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 255-264. | 4.3 | 67 |
| 4 | Particles and powders: Tools of innovation for non-invasive drug administration. <i>Journal of Controlled Release</i> , 2012, 161, 693-702. | 9.9 | 59 |
| 5 | Lecithin/chitosan controlled release nanopreparations of tamoxifen citrate: Loading, enzyme-trigger release and cell uptake. <i>Journal of Controlled Release</i> , 2013, 167, 276-283. | 9.9 | 55 |
| 6 | Hesperidin Gastroresistant Microparticles by Spray-Drying: Preparation, Characterization, and Dissolution Profiles. <i>AAPS PharmSciTech</i> , 2009, 10, 391-401. | 3.3 | 51 |
| 7 | Spray-dried amikacin sulphate powder for inhalation in cystic fibrosis patients: The role of ethanol in particle formation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 93, 165-172. | 4.3 | 46 |
| 8 | Dry powder inhalers: An overview of the in vitro dissolution methodologies and their correlation with the biopharmaceutical aspects of the drug products. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 113, 18-28. | 4.0 | 46 |
| 9 | The application of Quality by Design framework in the pharmaceutical development of dry powder inhalers. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 113, 64-76. | 4.0 | 45 |
| 10 | Spray dried amikacin powder for inhalation in cystic fibrosis patients: A quality by design approach for product construction. <i>International Journal of Pharmaceutics</i> , 2014, 471, 507-515. | 5.2 | 44 |
| 11 | “Pierce and inhale” design in capsule based dry powder inhalers: Effect of capsule piercing and motion on aerodynamic performance of drugs. <i>International Journal of Pharmaceutics</i> , 2015, 487, 197-204. | 5.2 | 38 |
| 12 | Primary Microparticles and Agglomerates of Morphine for Nasal Insufflation. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 2553-2561. | 3.3 | 35 |
| 13 | Pure insulin highly respirable powders for inhalation. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 51, 110-117. | 4.0 | 30 |
| 14 | Glycyrrhizic Acid and Its Hydrolyzed Metabolite 18 β -Glycyrrhetic Acid as Specific Ligands for Targeting Nanosystems in the Treatment of Liver Cancer. <i>Pharmaceutics</i> , 2021, 13, 1792. | 4.5 | 28 |
| 15 | In Vivo Assessment of Clobetasol Propionate-Loaded Lecithin-Chitosan Nanoparticles for Skin Delivery. <i>International Journal of Molecular Sciences</i> , 2017, 18, 32. | 4.1 | 27 |
| 16 | Dose administration maneuvers and patient care in tobramycin dry powder inhalation therapy. <i>International Journal of Pharmaceutics</i> , 2018, 548, 182-191. | 5.2 | 27 |
| 17 | Non-phospholipid vesicles as carriers for peptides and proteins: Production, characterization and stability studies. <i>International Journal of Pharmaceutics</i> , 2007, 339, 52-60. | 5.2 | 26 |
| 18 | Quercetin microspheres by solvent evaporation: Preparation, characterization and release behavior. <i>Journal of Applied Polymer Science</i> , 2008, 109, 2994-3001. | 2.6 | 23 |

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|----|--|-----|-----------|
| 19 | Floating modular drug delivery systems with buoyancy independent of release mechanisms to sustain amoxicillin and clarithromycin intra-gastric concentrations. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 332-339. | 2.0 | 23 |
| 20 | Nebulized coenzyme Q 10 nanosuspensions: A versatile approach for pulmonary antioxidant therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 113, 159-170. | 4.0 | 23 |
| 21 | Agglomerated Oral Dosage Forms of Artemisinin/ β -Cyclodextrin Spray-Dried Primary Microparticles Showing Increased Dissolution Rate and Bioavailability. <i>AAPS PharmSciTech</i> , 2013, 14, 911-918. | 3.3 | 22 |
| 22 | Nasal powders of thalidomide for local treatment of nose bleeding in persons affected by hereditary hemorrhagic telangiectasia. <i>International Journal of Pharmaceutics</i> , 2016, 514, 229-237. | 5.2 | 22 |
| 23 | Anti-inflammatory flurbiprofen nasal powders for nose-to-brain delivery in Alzheimer's disease. <i>Journal of Drug Targeting</i> , 2019, 27, 984-994. | 4.4 | 21 |
| 24 | Excipient-free pulmonary insulin dry powder: Pharmacokinetic and pharmacodynamics profiles in rats. <i>Journal of Controlled Release</i> , 2020, 323, 412-420. | 9.9 | 21 |
| 25 | Layered lipid microcapsules for mesalazine delayed-release in children. <i>International Journal of Pharmaceutics</i> , 2011, 421, 293-300. | 5.2 | 20 |
| 26 | Combinations of colistin solutions and nebulisers for lung infection management in cystic fibrosis patients. <i>International Journal of Pharmaceutics</i> , 2016, 502, 242-248. | 5.2 | 19 |
| 27 | Therapeutic Paint of Cidofovir/Sucralfate Gel Combination Topically Administered by Spraying for Treatment of orf virus Infections. <i>AAPS Journal</i> , 2009, 11, 242-249. | 4.4 | 18 |
| 28 | Development and validation of a DESI-MS/MS method for the fast profiling of esomeprazole and its metabolites in rat plasma: a pharmacokinetic study. <i>Drug Testing and Analysis</i> , 2016, 8, 208-213. | 2.6 | 18 |
| 29 | Aerosolization Performance of Jet Nebulizers and Biopharmaceutical Aspects. <i>Pharmaceutics</i> , 2019, 11, 406. | 4.5 | 18 |
| 30 | New Farnesane Sesquiterpenes from <i>Lactarius porninsis</i> . <i>Journal of Natural Products</i> , 1993, 56, 1948-1953. | 3.0 | 14 |
| 31 | Chlorhexidine Salt-Loaded Polyurethane Orthodontic Chains: In Vitro Release and Antibacterial Activity Studies. <i>AAPS PharmSciTech</i> , 2012, 13, 1446-1450. | 3.3 | 14 |
| 32 | Pharmacokinetics evaluation of soft agglomerates for prompt delivery of enteric pantoprazole-loaded microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 275-280. | 4.3 | 13 |
| 33 | High shear mixing of lactose and salmeterol xinafoate dry powder blends: Biopharmaceutic and aerodynamic performances. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 443-449. | 3.0 | 13 |
| 34 | Inhalable Microparticles Embedding Calcium Phosphate Nanoparticles for Heart Targeting: The Formulation Experimental Design. <i>Pharmaceutics</i> , 2021, 13, 1825. | 4.5 | 13 |
| 35 | Polymorphism of rac-5,6-diisobutyryloxy-2-methylamino-1,2,3,4-tetrahydro-naphthalene hydrochloride (CHF 1035). I. Thermal, spectroscopic, and X-ray diffraction properties. <i>Journal of Pharmaceutical Sciences</i> , 2001, 90, 1154-1163. | 3.3 | 12 |
| 36 | Agglomerates Containing Pantoprazole Microparticles: Modulating the Drug Release. <i>AAPS PharmSciTech</i> , 2009, 10, 335-345. | 3.3 | 12 |

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|----|--|-----|-----------|
| 37 | Comparison of breaking tests for the characterization of the interfacial strength of bilayer tablets. <i>International Journal of Pharmaceutics</i> , 2016, 513, 709-716. | 5.2 | 12 |
| 38 | Esomeprazole immediate release tablets: Gastric mucosa ex vivo permeation, absorption and antisecretory activity in conscious rats. <i>Journal of Controlled Release</i> , 2016, 239, 203-210. | 9.9 | 12 |
| 39 | Development of solid lipid microparticles by melt-emulsification/spray-drying processes as carriers for pulmonary drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 156, 105588. | 4.0 | 12 |
| 40 | Multi-kinetics and site-specific release of gabapentin and flurbiprofen from oral fixed-dose combination: in vitro release and in vivo food effect. <i>Journal of Controlled Release</i> , 2017, 262, 296-304. | 9.9 | 10 |
| 41 | Dry powder inhaler of colistimethate sodium for lung infections in cystic fibrosis: optimization of powder construction. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1664-1673. | 2.0 | 8 |
| 42 | Comparative Assessment of In Vitro and In Silico Methods for Aerodynamic Characterization of Powders for Inhalation. <i>Pharmaceutics</i> , 2021, 13, 1831. | 4.5 | 7 |
| 43 | Complex product composition generates risks for generic substitution also with dosage forms for intravenous administration. <i>International Journal of Pharmaceutics</i> , 2013, 451, 50-56. | 5.2 | 4 |
| 44 | Innovative Technologies for Oral Drug Delivery. <i>Current Drug Delivery</i> , 2013, 10, 4-8. | 1.6 | 1 |