

# Annalisa Cutrignelli

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,442  
citations

279487

23  
h-index

360668

35  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2049  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The use of Eudragit® RS 100/cyclodextrin nanoparticles for the transmucosal administration of glutathione. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 509-520.   | 2.0 | 65        |
| 2  | Eudragit RS 100 microparticles containing 2-hydroxypropyl- $\beta$ -cyclodextrin and glutathione: Physicochemical characterization, drug release and transport studies. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 64-74.   | 1.9 | 61        |
| 3  | Unveiling the Efficacy, Safety, and Tolerability of Anti-Interleukin-1 Treatment in Monogenic and Multifactorial Autoinflammatory Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1898.  | 1.8 | 60        |
| 4  | Preparation of cetyl palmitate-based PEGylated solid lipid nanoparticles by microfluidic technique. <i>Acta Biomaterialia</i> , 2021, 121, 566-578.   | 4.1 | 59        |
| 5  | Targeting human liver cancer cells with lactobionic acid-G(4)-PAMAM-FITC sorafenib loaded dendrimers. <i>International Journal of Pharmaceutics</i> , 2017, 528, 485-497.   | 2.6 | 57        |
| 6  | Transferrin Functionalized Liposomes Loading Dopamine HCl: Development and Permeability Studies across an In Vitro Model of Human Blood-Brain Barrier. <i>Nanomaterials</i> , 2018, 8, 178.   | 1.9 | 55        |
| 7  | Spray-dried mucoadhesives for intravesical drug delivery using N-acetylcysteine- and glutathione-glycol chitosan conjugates. <i>Acta Biomaterialia</i> , 2016, 43, 170-184.   | 4.1 | 54        |
| 8  | Sorafenib delivery nanoplatform based on superparamagnetic iron oxide nanoparticles magnetically targets hepatocellular carcinoma. <i>Nano Research</i> , 2017, 10, 2431-2448.  | 5.8 | 54        |
| 9  | In vitro targeting and imaging the translocator protein TSPO 18-kDa through G(4)-PAMAM-FITC labeled dendrimer. <i>Journal of Controlled Release</i> , 2013, 172, 1111-1125.   | 4.8 | 52        |
| 10 | Translocator Protein Ligand-PLGA Conjugated Nanoparticles for 5-Fluorouracil Delivery to Glioma Cancer Cells. <i>Molecular Pharmaceutics</i> , 2014, 11, 859-871.   | 2.3 | 50        |
| 11 | Preactivated thiolated glycogen as mucoadhesive polymer for drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 161-169.  | 2.0 | 45        |
| 12 | PEGylated solid lipid nanoparticles for brain delivery of lipophilic kiteplatin Pt(IV) prodrugs: An in vitro study. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119351.  | 2.6 | 45        |
| 13 | A Novel PET Imaging Probe for the Detection and Monitoring of Translocator Protein 18-kDa Expression in Pathological Disorders. <i>Scientific Reports</i> , 2016, 6, 20422.   | 1.6 | 44        |
| 14 | A New Complex of Curcumin with Sulfobutylether- $\beta$ -Cyclodextrin: Characterization Studies and In Vitro Evaluation of Cytotoxic and Antioxidant Activity on HepG-2 Cells. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3932-3940.  | 1.6 | 42        |
| 15 | S-preactivated thiolated glycol chitosan useful to combine mucoadhesion and drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 132, 103-111.  | 2.0 | 38        |
| 16 | Spray Dried Chitosan Microparticles for Intravesical Delivery of Celecoxib: Preparation and Characterization. <i>Pharmaceutical Research</i> , 2016, 33, 2195-2208.   | 1.7 | 32        |
| 17 | Thiolated hydroxypropyl- $\beta$ -cyclodextrin as mucoadhesive excipient for oral delivery of budesonide in liquid paediatric formulation. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118820.   | 2.6 | 30        |
| 18 | Induced expression of P-gp and BCRP transporters on brain endothelial cells using transferrin functionalized nanostructured lipid carriers: A first step of a potential strategy for the treatment of Alzheimer's disease. <i>International Journal of Pharmaceutics</i> , 2020, 591, 120011. | 2.6 | 28        |

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|----|---|-----|-----------|
| 19 | Encapsulation of lipophilic kateplatin Pt(IV) prodrugs in PLGA-PEG micelles. Dalton Transactions, 2016, 45, 13070-13081.  | 1.6 | 27        |
| 20 | Alginate-Based Hydrogel Containing Minoxidil/Hydroxypropyl- $\beta$ -Cyclodextrin Inclusion Complex for Topical Alopecia Treatment. Journal of Pharmaceutical Sciences, 2018, 107, 1046-1054.   | 1.6 | 26        |
| 21 | Direct cyclodextrin-based powder extrusion 3D printing for one-step production of the BCS class II model drug niclosamide. Drug Delivery and Translational Research, 2022, 12, 1895-1910.   | 3.0 | 26        |
| 22 | New ethanol and propylene glycol free gel formulations containing a minoxidil-methyl- $\beta$ -cyclodextrin complex as promising tools for alopecia treatment. Drug Development and Industrial Pharmacy, 2015, 41, 728-736.                               | 0.9 | 25        |
| 23 | Characterization of minoxidil/hydroxypropyl- $\beta$ -cyclodextrin inclusion complex in aqueous alginate gel useful for alopecia management: Efficacy evaluation in male rat. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 122, 146-157. | 2.0 | 25        |
| 24 | Taste masking of propranolol hydrochloride by microbeads of EUDRAGIT <sup>®</sup> E PO obtained with prilling technique for paediatric oral administration. International Journal of Pharmaceutics, 2020, 574, 118922.                                    | 2.6 | 23        |
| 25 | Spray-dried mucoadhesive microparticles based on S-protected thiolated hydroxypropyl- $\beta$ -cyclodextrin for budesonide nasal delivery. International Journal of Pharmaceutics, 2021, 603, 120728.   | 2.6 | 23        |
| 26 | Microfluidic preparation and in vitro evaluation of iRGD-functionalized solid lipid nanoparticles for targeted delivery of paclitaxel to tumor cells. International Journal of Pharmaceutics, 2021, 610, 121246.  | 2.6 | 23        |
| 27 | Synthesis, Characterization, and in Vitro Evaluation of a New TSPO-Selective Bifunctional Chelate Ligand. ACS Medicinal Chemistry Letters, 2014, 5, 685-689.  | 1.3 | 21        |
| 28 | Effectiveness of a Controlled 5-FU Delivery Based on FZD10 Antibody-Conjugated Liposomes in Colorectal Cancer In vitro Models. Pharmaceutics, 2020, 12, 650.  | 2.0 | 21        |
| 29 | Dasatinib/HP- $\beta$ -CD Inclusion Complex Based Aqueous Formulation as a Promising Tool for the Treatment of Paediatric Neuromuscular Disorders. International Journal of Molecular Sciences, 2019, 20, 591.  | 1.8 | 20        |
| 30 | Bcr-Abl Tyrosine Kinase Inhibitors in the Treatment of Pediatric CML. International Journal of Molecular Sciences, 2020, 21, 4469.  | 1.8 | 19        |
| 31 | Comparative effects of some hydrophilic excipients on the rate of gabapentin and baclofen lactamization in lyophilized formulations. International Journal of Pharmaceutics, 2007, 332, 98-106.   | 2.6 | 18        |
| 32 | Natural dendrimers: Synthesis and in vitro characterization of glycogen-cysteamine conjugates. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 115, 168-176.  | 2.0 | 18        |
| 33 | Delivery of Proapoptotic Agents in Glioma Cell Lines by TSPO Ligand- $\beta$ -Dextran Nanogels. International Journal of Molecular Sciences, 2018, 19, 1155.  | 1.8 | 18        |
| 34 | 2-Phenylimidazo[1,2-a]pyridine-containing ligands of the 18-kDa translocator protein (TSPO) behave as agonists and antagonists of steroidogenesis in a mouse leydig tumor cell line. European Journal of Pharmaceutical Sciences, 2015, 76, 231-237.      | 1.9 | 17        |
| 35 | Magnetic implants in vivo guiding sorafenib liver delivery by superparamagnetic solid lipid nanoparticles. Journal of Colloid and Interface Science, 2022, 608, 239-254.  | 5.0 | 17        |
| 36 | Oxazepam- $\beta$ -Dopamine Conjugates Increase Dopamine Delivery into Striatum of Intact Rats. Molecular Pharmaceutics, 2017, 14, 3178-3187.   | 2.3 | 16        |

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|----|--|-----|-----------|
| 37 | Effect of cyclodextrins on physico-chemical and release properties of Eudragit RS 100 microparticles containing glutathione. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 425-432.  | 1.6 | 15        |
| 38 | Bridging Pharmaceutical Chemistry with Drug and Nanoparticle Targeting to Investigate the Role of the 18â€Da Translocator Protein TSPO. <i>ChemMedChem</i> , 2017, 12, 1261-1274.   | 1.6 | 15        |
| 39 | Synthesis and Evaluation of Tricarbonyl <sup>99m</sup> Tc-Labeled 2-(4-Chloro)phenyl-imidazo[1,2-a]pyridine Analogs as Novel SPECT Imaging Radiotracer for TSPO-Rich Cancer. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1085.                                    | 1.8 | 14        |
| 40 | Chitosan/sulfobutylether- $\beta$ -cyclodextrin based nanoparticles coated with thiolated hyaluronic acid for indomethacin ophthalmic delivery. <i>International Journal of Pharmaceutics</i> , 2022, 622, 121905.   | 2.6 | 14        |
| 41 | Relationship between dissolution efficiency of Oxazepam/carrier blends and drug and carrier molecular descriptors using multivariate regression analysis. <i>International Journal of Pharmaceutics</i> , 2008, 358, 60-68.  | 2.6 | 13        |
| 42 | $\beta$ -Dystroglycan Restoration and Pathology Progression in the Dystrophic mdx Mouse: Outcome and Implication of a Clinically Oriented Study with a Novel Oral Dasatinib Formulation. <i>Biomolecules</i> , 2021, 11, 1742.   | 1.8 | 13        |
| 43 | Radiosynthesis and characterization of [ <sup>18</sup> F]BS224: a next-generation TSPO PET ligand insensitive to the rs6971 polymorphism. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 110-124.   | 3.3 | 13        |
| 44 | A histochemical approach to glycan diversity in the urothelium of pig urinary bladder. <i>Microscopy Research and Technique</i> , 2017, 80, 239-249.   | 1.2 | 11        |
| 45 | Imaging modification of colon carcinoma cells exposed to lipid based nanovectors for drug delivery: a scanning electron microscopy investigation. <i>RSC Advances</i> , 2019, 9, 21810-21825.  | 1.7 | 11        |
| 46 | Frog intestinal sac as an in vitro method for the assessment of intestinal permeability in humans: Application to carrier transported drugs. <i>International Journal of Pharmaceutics</i> , 2008, 352, 182-188.   | 2.6 | 10        |
| 47 | Pharmaceutical preformulation studies and paediatric oral formulations of sodium dichloroacetate. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 339-350.   | 1.9 | 10        |
| 48 | Griseofulvin/Carrier Blends: Application of Partial Least Squares (PLS) Regression Analysis for Estimating the Factors Affecting the Dissolution Efficiency. <i>AAPS PharmSciTech</i> , 2011, 12, 1019-1030.   | 1.5 | 8         |
| 49 | Characterization and Release Studies of Liposomal Gels Containing Glutathione/Cyclodextrins Complexes Potentially Useful for Cutaneous Administration. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1246-1254.   | 1.6 | 8         |
| 50 | TSPO Ligand-Methotrexate Prodrug Conjugates: Design, Synthesis, and Biological Evaluation. <i>International Journal of Molecular Sciences</i> , 2016, 17, 967.   | 1.8 | 7         |
| 51 | Pharmaceutical development of novel lactate-based 6-fluoro-L-DOPA formulations. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 99, 361-368.  | 1.9 | 6         |
| 52 | The hydroxypropyl- $\beta$ -cyclodextrin- $\alpha$ -minoxidil inclusion complex improves the cardiovascular and proliferative adverse effects of minoxidil in male rats: Implications in the treatment of alopecia. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00585. | 1.1 | 6         |
| 53 | Hydroxy-Propyl- $\beta$ -Cyclodextrin Inclusion Complexes of two Biphenylnicotinamide Derivatives: Formulation and Anti-Proliferative Activity Evaluation in Pancreatic Cancer Cell Models. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6545.                     | 1.8 | 4         |
| 54 | Reproducibility warning: The curious case of polyethylene glycol 6000 and spheroid cell culture. <i>PLoS ONE</i> , 2020, 15, e0224002.   | 1.1 | 4         |

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|----|--|-----|-----------|
| 55 | From oil to microparticulate by prilling technique: Production of polynucleate alginate beads loading <i>Serenoa Repens</i> oil as intestinal delivery systems. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120412. | 2.6 | 3         |
| 56 | Development of purified glycogen derivatives as siRNA nanovectors. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121128.  | 2.6 | 2         |
| 57 | Stability data of extemporaneous suspensions of hydroxychloroquine sulphate in oral liquid bases after tablet manipulation. <i>Data in Brief</i> , 2020, 33, 106575.   | 0.5 | 1         |