# Raquel Petrilli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8285011/publications.pdf

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|---|---|---|---|
| 35 papers | 1,421 citations | 393982 19 h-index | 433756 31 g-index |
| 35 all docs | 35 docs citations | 35 times ranked | 2297 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Liposomes as carriers of hydrophilic small molecule drugs: Strategies to enhance encapsulation and delivery. Colloids and Surfaces B: Biointerfaces, 2014, 123, 345-363. | 2.5 | 360 |
| 2 | Immunoliposomes: A review on functionalization strategies and targets for drug delivery. Colloids and Surfaces B: Biointerfaces, 2017, 159, 454-467. | 2.5 | 138 |
| 3 | Co-loaded paclitaxel/rapamycin liposomes: Development, characterization and in vitro and in vivo evaluation for breast cancer therapy. Colloids and Surfaces B: Biointerfaces, 2016, 141, 74-82. | 2.5 | 112 |
| 4 | EGFR targeting for cancer therapy: Pharmacology and immunoconjugates with drugs and nanoparticles. International Journal of Pharmaceutics, 2021, 592, 120082. | 2.6 | 90 |
| 5 | Anti-HER2 immunoliposomes for co-delivery of paclitaxel and rapamycin for breast cancer therapy. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 115, 159-167. | 2.0 | 86 |
| 6 | Delivery Systems and Local Administration Routes for Therapeutic siRNA. Pharmaceutical Research, 2013, 30, 915-931. | 1.7 | 85 |
| 7 | Skin cancer treatment effectiveness is improved by iontophoresis of EGFR-targeted liposomes containing 5-FU compared with subcutaneous injection. Journal of Controlled Release, 2018, 283, 151-162. | 4.8 | 78 |
| 8 | Evaluation of critical parameters for in vitro skin permeation and penetration studies using animal skin models. European Journal of Pharmaceutical Sciences, 2018, 111, 121-132. | 1.9 | 58 |
| 9 | Liquid Crystalline Nanodispersions Functionalized with Cell-Penetrating Peptides for Topical Delivery of Short-Interfering RNAs: A Proposal for Silencing a Pro-Inflammatory Cytokine in Cutaneous Diseases. Journal of Biomedical Nanotechnology, 2016, 12, 1063-1075. | 0.5 | 38 |
| 10 | EGFR-targeted immunoliposomes efficiently deliver docetaxel to prostate cancer cells. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111185. | 2.5 | 38 |
| 11 | Cetuximab Immunoliposomes Enhance Delivery of 5-FU to Skin Squamous Carcinoma Cells. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 301-308. | 0.9 | 34 |
| 12 | Liquid Crystal Nanodispersions Enable the Cutaneous Delivery of Photosensitizer for Topical PDT: Fluorescence Microscopy Study of Skin Penetration. Current Nanoscience, 2012, 8, 535-540. | 0.7 | 28 |
| 13 | Physical methods for topical skin drug delivery: concepts and applications. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, . | 1.2 | 24 |
| 14 | The prominence of the dosage form design to treat ocular diseases. International Journal of Pharmaceutics, 2020, 586, 119577. | 2.6 | 24 |
| 15 | Targeted Liposomes for siRNA Delivery to Cancer. Current Pharmaceutical Design, 2018, 24, 2664-2672. | 0.9 | 23 |
| 16 | Rapamycin-loaded Immunoliposomes Functionalized with Trastuzumab: A Strategy to Enhance Cytotoxicity to HER2-positive Breast Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 48-56. | 0.9 | 23 |
| 17 | Prospective insulin-based ophthalmic delivery systems for the treatment of dry eye syndrome and corneal injuries. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 140, 1-10. | 2.0 | 22 |
| 18 | Nanoparticles of Lyotropic Liquid Crystals: A Novel Strategy for the Topical Delivery of a Chlorin Derivative for Photodynamic Therapy of Skin Cancer. Current Nanoscience, 2013, 9, 434-441. | 0.7 | 22 |

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|---|---|---|---|
| 19 | Liposome-based nanocarrier loaded with a new quinoxaline derivative for the treatment of cutaneous leishmaniasis. Materials Science and Engineering C, 2020, 110, 110720. | 3.8 | 21 |
| 20 | Targeted Lipid Nanoparticles for Antisense Oligonucleotide Delivery. Current Pharmaceutical Biotechnology, 2014, 15, 847-855. | 0.9 | 20 |
| 21 | Immunoconjugates for Cancer Targeting: A Review of Antibody-Drug Conjugates and Antibody-Functionalized Nanoparticles. Current Medicinal Chemistry, 2021, 28, 2485-2520. | 1.2 | 18 |
| 22 | Stimuli-Responsive Nanoparticles for siRNA Delivery. Current Pharmaceutical Design, 2015, 21, 4131-4144. | 0.9 | 16 |
| 23 | A Critical Review of Properties and Analytical/Bioanalytical Methods for Characterization of Cetuximab. Critical Reviews in Analytical Chemistry, 2020, 50, 125-135. | 1.8 | 14 |
| 24 | Preparation of Immunoliposomes by Direct Coupling of Antibodies Based on a Thioether Bond. Methods in Molecular Biology, 2018, 1674, 229-237. | 0.4 | 11 |
| 25 | Production and characterization of alginate bilayer membranes for releasing simvastatin to treat wounds. Biointerphases, 2020, 15, 041002. | 0.6 | 8 |
| 26 | Liquid-Crystalline Nanodispersions Containing Monoolein for Photodynamic Therapy of Skin Diseases: A Mini-Review. Current Nanoscience, 2017, 13, . | 0.7 | 8 |
| 27 | Lipid nanoparticles as non-viral vectors for siRNA delivery. , 2016, , 75-109. | | 5 |
| 28 | Anti-EGFR liquid crystalline nanodispersions for docetaxel delivery: Formulation, characterization and cytotoxicity in cancer cells. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 613, 126058. | 2.3 | 5 |
| 29 | Nitrosation of BODIPY dyes and their applications in the development of thiol sensors. Dyes and Pigments, 2020, 173, 107885. | 2.0 | 4 |
| 30 | Rapamycin-loaded Immunoliposomes Functionalized with Trastuzumab: A Strategy to Enhance Cytotoxicity to HER2-positive Breast Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 48-56. | 0.9 | 4 |
| 31 | Nanotechnology: Concepts and Potential Applications in Medicine. Materials Horizons, 2021, , 1-39. | 0.3 | 2 |
| 32 | Quantification of 5-FU in skin samples for the development of new delivery systems for topical cancer treatment. Die Pharmazie, 2018, 73, 133-138. | 0.3 | 2 |
| 33 | Targeting of Drug Nanocarriers. Nanomedicine and Nanotoxicology, 2021, , 107-126. | 0.1 | 0 |
| 34 | Nanosystems Comprising Biocompatible Polymers for the Delivery of Photoactive Compounds in Biomedical Applications. Nanomedicine and Nanotoxicology, 2021, , 253-287. | 0.1 | 0 |
| 35 | Topical Photodynamic Therapy for Skin Diseases: Current Status of Preclinical and Clinical Research, Nanocarriers and Physical Methods for Photosensitizer Delivery. , 2017, , 123-172. | | 0 |