

Hanne Mrck Nielsen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

230
papers

6,600
citations

44
h-index

66
g-index

240
ext. papers

7,884
ext. citations

6.2
avg, IF

6.34
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 230 | Cell-Penetrating Peptides as Carriers for Transepithelial Drug Delivery. <i>Methods in Molecular Biology</i> , 2022 , 2383, 371-384 | 1.4 | 0 |
| 229 | Polysorbate 80 controls Morphology, structure and stability of human insulin Amyloid-Like spherulites. <i>Journal of Colloid and Interface Science</i> , 2022 , 606, 1928-1939 | 9.3 | 2 |
| 228 | Topical niclosamide (ATx201) reduces Staphylococcus aureus colonization and increases Shannon diversity of the skin microbiome in atopic dermatitis patients in a randomized, double-blind, placebo-controlled Phase 2 trial.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e790 | 5.7 | 2 |
| 227 | Leucine improves the aerosol performance of dry powder inhaler formulations of siRNA-loaded nanoparticles.. <i>International Journal of Pharmaceutics</i> , 2022 , 121758 | 6.5 | 2 |
| 226 | Peptide-Membrane Interactions Monitored by Fluorescence Lifetime Imaging: A Study Case of Transportan 10. <i>Langmuir</i> , 2021 , 37, 13148-13159 | 4 | 1 |
| 225 | Nanoparticle-mediated pulmonary drug delivery: state of the art towards efficient treatment of recalcitrant respiratory tract bacterial infections. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 1634-1654 ¹² | 6.2 | 12 |
| 224 | Additive manufacturing of polymeric scaffolds for biomimetic cell membrane engineering. <i>Materials and Design</i> , 2021 , 201, 109486 | 8.1 | 7 |
| 223 | Interactions of Cell-Penetrating Peptide-Modified Nanoparticles with Cells Evaluated Using Single Particle Tracking.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 3155-3165 | 4.1 | 2 |
| 222 | Delivery of oligonucleotide-based therapeutics: challenges and opportunities. <i>EMBO Molecular Medicine</i> , 2021 , 13, e13243 | 12 | 54 |
| 221 | Calcium pectinate and hyaluronic acid modified lactoferrin nanoparticles loaded rhein with dual-targeting for ulcerative colitis treatment. <i>Carbohydrate Polymers</i> , 2021 , 263, 117998 | 10.3 | 12 |
| 220 | Design of a self-unfolding delivery concept for oral administration of macromolecules. <i>Journal of Controlled Release</i> , 2021 , 329, 948-954 | 11.7 | 7 |
| 219 | Engineering of Solid Dosage Forms of siRNA-Loaded Lipidoid-Polymer Hybrid Nanoparticles Using a Quality-by-Design Approach. <i>Methods in Molecular Biology</i> , 2021 , 2282, 137-157 | 1.4 | 0 |
| 218 | Adsorption of protein antigen to the cationic liposome adjuvant CAF \square 01 is required for induction of Th1 and Th17 responses but not for antibody induction. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 165, 293-305 | 5.7 | 0 |
| 217 | Revealing the importance of carrier-cargo association in delivery of insulin and lipidated insulin. <i>Journal of Controlled Release</i> , 2021 , 338, 8-21 | 11.7 | 1 |
| 216 | Controlling the fractal dimension in self-assembly of terpyridine modified insulin by Fe and Eu to direct in vivo effects. <i>Nanoscale</i> , 2021 , 13, 8467-8473 | 7.7 | 1 |
| 215 | Hyaluronic acid-based nanosystems for drug delivery applications 2021 , 221-250 | | 1 |
| 214 | Inhaled RNA Therapeutics for Obstructive Airway Diseases: Recent Advances and Future Prospects. <i>Pharmaceutics</i> , 2021 , 13, | 6.4 | 4 |

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| 213 | Increased Carrier Peptide Stability through pH Adjustment Improves Insulin and PTH(1-34) Delivery In Vitro and In Vivo Rather than by Enforced Carrier Peptide-Cargo Complexation. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 3 |
| 212 | Monosized Polymeric Microspheres Designed for Passive Lung Targeting: Biodistribution and Pharmacokinetics after Intravenous Administration. <i>ACS Nano</i> , 2020 , 14, 6693-6706 | 16.7 | 15 |
| 211 | Intrapulmonary (i.pulmon.) Pull Immunization With the Tuberculosis Subunit Vaccine Candidate H56/CAF01 After Intramuscular (i.m.) Priming Elicits a Distinct Innate Myeloid Response and Activation of Antigen-Presenting Cells Than i.m. or i.pulmon. Prime Immunization Alone. <i>Frontiers in Immunology</i> , 2020 , 11, 803 | 8.4 | 8 |
| 210 | Shuffled lipidation pattern and degree of lipidation determines the membrane interaction behavior of a linear cationic membrane-active peptide. <i>Journal of Colloid and Interface Science</i> , 2020 , 578, 584-597 | 9.3 | 6 |
| 209 | In Vitro, Ex Vivo and In Vivo Evaluation of Microcontainers for Oral Delivery of Insulin. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 10 |
| 208 | A free-floating mucin layer to investigate the effect of the local microenvironment in lungs on mucin-nanoparticle interactions. <i>Acta Biomaterialia</i> , 2020 , 104, 115-123 | 10.8 | 8 |
| 207 | Opportunities and Challenges in the Delivery of mRNA-based Vaccines. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 144 |
| 206 | Swelling of mucoadhesive electrospun chitosan/polyethylene oxide nanofibers facilitates adhesion to the sublingual mucosa. <i>Carbohydrate Polymers</i> , 2020 , 242, 116428 | 10.3 | 13 |
| 205 | Membrane interactions in drug delivery: Model cell membranes and orthogonal techniques. <i>Advances in Colloid and Interface Science</i> , 2020 , 281, 102177 | 14.3 | 9 |
| 204 | Synthesis of carbon quantum dot-poly lactic-co-glycolic acid hybrid nanoparticles for chemo-photothermal therapy against bacterial biofilms. <i>Journal of Colloid and Interface Science</i> , 2020 , 577, 66-74 | 9.3 | 20 |
| 203 | EJP18 peptide derived from the juxtamembrane domain of epidermal growth factor receptor represents a novel membrane-active cell-penetrating peptide. <i>Biochemical Journal</i> , 2020 , 477, 45-60 | 3.8 | 4 |
| 202 | Waterborne Electrospinning of β -Lactalbumin Generates Tunable and Biocompatible Nanofibers for Drug Delivery. <i>ACS Applied Nano Materials</i> , 2020 , 3, 1910-1921 | 5.6 | 17 |
| 201 | Ultrasmall TPGS-PLGA Hybrid Nanoparticles for Site-Specific Delivery of Antibiotics into Biofilms in Lungs. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 380-389 | 9.5 | 26 |
| 200 | Nanoemulsion structure and food matrix determine the gastrointestinal fate and in vivo bioavailability of coenzyme Q10. <i>Journal of Controlled Release</i> , 2020 , 327, 444-455 | 11.7 | 16 |
| 199 | The Long Road Toward COVID-19 Herd Immunity: Vaccine Platform Technologies and Mass Immunization Strategies. <i>Frontiers in Immunology</i> , 2020 , 11, 1817 | 8.4 | 104 |
| 198 | Treatment of acute lung inflammation by pulmonary delivery of anti-TNF- β iRNA with PAMAM dendrimers in a murine model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 156, 114-120 | 5.7 | 21 |
| 197 | Electrospun β -Lactalbumin Nanofibers for Site-Specific and Fast-Onset Delivery of Nicotine in the Oral Cavity: An , , and Tissue Spatial Distribution Study. <i>Molecular Pharmaceutics</i> , 2020 , 17, 4189-4200 | 5.6 | 4 |
| 196 | Chlorogenic Acid Supplementation Benefits Zebrafish Embryos Exposed to Auranofin. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 1 |

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|-----|--|------|----|
| 195 | Optimizing the Intracellular Delivery of Therapeutic Anti-inflammatory TNF- β iRNA to Activated Macrophages Using Lipidoid-Polymer Hybrid Nanoparticles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 601155 | 5.8 | 2 |
| 194 | Microcontainers for oral insulin delivery - In vitro studies of permeation enhancement. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 143, 98-105 | 5.7 | 22 |
| 193 | Comparison of bulk and microfluidics methods for the formulation of poly-lactic--glycolic acid (PLGA) nanoparticles modified with cell-penetrating peptides of different architectures. <i>International Journal of Pharmaceutics: X</i> , 2019 , 1, 100030 | 3.2 | 12 |
| 192 | Design of Gadoteridol-Loaded Cationic Liposomal Adjuvant CAF01 for MRI of Lung Deposition of Intrapulmonary Administered Particles. <i>Molecular Pharmaceutics</i> , 2019 , 16, 4725-4737 | 5.6 | 4 |
| 191 | Hyaluronic acid-based nanogels improve in vivo compatibility of the anti-biofilm peptide DJK-5. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 20, 102022 | 6 | 22 |
| 190 | Lipidoid-polymer hybrid nanoparticles loaded with TNF siRNA suppress inflammation after intra-articular administration in a murine experimental arthritis model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 142, 38-48 | 5.7 | 28 |
| 189 | Comparison of two different PEGylation strategies for the liposomal adjuvant CAF09: Towards induction of CTL responses upon subcutaneous vaccine administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 140, 29-39 | 5.7 | 16 |
| 188 | Exploring the mucoadhesive behavior of sucrose acetate isobutyrate: a novel excipient for oral delivery of biopharmaceuticals. <i>Drug Delivery</i> , 2019 , 26, 532-541 | 7 | 7 |
| 187 | Nebulised lipid-polymer hybrid nanoparticles for the delivery of a therapeutic anti-inflammatory microRNA to bronchial epithelial cells. <i>ERJ Open Research</i> , 2019 , 5, | 3.5 | 24 |
| 186 | F-substituted amino acids as an alternative to fluorophore labels: monitoring of degradation and cellular uptake of analogues of penetratin by F NMR. <i>Journal of Biomolecular NMR</i> , 2019 , 73, 167-182 | 3 | 5 |
| 185 | Acids R generally recognized as safe R affect morphology and biocompatibility of electrospun chitosan/polyethylene oxide nanofibers. <i>Carbohydrate Polymers</i> , 2019 , 215, 253-262 | 10.3 | 20 |
| 184 | Design of Inhalable Solid Dosage Forms of Budesonide and Theophylline for Pulmonary Combination Therapy. <i>AAPS PharmSciTech</i> , 2019 , 20, 137 | 3.9 | 10 |
| 183 | Antimicrobial Activity of β Peptide/ β Peptoid Lysine-Based Peptidomimetics Against Colistin-Resistant Isolated From Cystic Fibrosis Patients. <i>Frontiers in Microbiology</i> , 2019 , 10, 275 | 5.7 | 11 |
| 182 | Qualitative and quantitative analysis of the biophysical interaction of inhaled nanoparticles with pulmonary surfactant by using quartz crystal microbalance with dissipation monitoring. <i>Journal of Colloid and Interface Science</i> , 2019 , 545, 162-171 | 9.3 | 17 |
| 181 | Preparation, Characterization, and In Vitro Evaluation of Lipidoid-Polymer Hybrid Nanoparticles for siRNA Delivery to the Cytosol. <i>Methods in Molecular Biology</i> , 2019 , 1943, 141-152 | 1.4 | 13 |
| 180 | Impact of capacity-limited binding on recombinant factor VIII and von Willebrand factor pharmacokinetics in hemophilia A rats. <i>Journal of Thrombosis and Haemostasis</i> , 2019 , 17, 964-974 | 15.4 | 1 |
| 179 | Interaction of Laponite with Membrane Components-Consequences for Bacterial Aggregation and Infection Confinement. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15389-15400 | 9.5 | 11 |
| 178 | Aniracetam does not improve working memory in neurologically healthy pigeons. <i>PLoS ONE</i> , 2019 , 14, e0215612 | 3.7 | 2 |

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| 177 | Utilizing nanoparticles for improving anti-biofilm effects of azithromycin: A head-to-head comparison of modified hyaluronic acid nanogels and coated poly (lactic-co-glycolic acid) nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019 , 555, 595-606 | 9.3 | 28 |
| 176 | The distribution of cell-penetrating peptides on polymeric nanoparticles prepared using microfluidics and elucidated with small angle X-ray scattering. <i>Journal of Colloid and Interface Science</i> , 2019 , 555, 438-448 | 9.3 | 14 |
| 175 | Identification of Factors of Importance for Spray Drying of Small Interfering RNA-Loaded Lipidoid-Polymer Hybrid Nanoparticles for Inhalation. <i>Pharmaceutical Research</i> , 2019 , 36, 142 | 4.5 | 26 |
| 174 | Mechanistic profiling of the release kinetics of siRNA from lipidoid-polymer hybrid nanoparticles in vitro and in vivo after pulmonary administration. <i>Journal of Controlled Release</i> , 2019 , 310, 82-93 | 11.7 | 20 |
| 173 | Repurposing Azithromycin and Rifampicin Against Gram-Negative Pathogens by Combination With Peptidomimetics. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 236 | 5.9 | 8 |
| 172 | Mucoadhesive Electrospun Patch Delivery of Lidocaine to the Oral Mucosa and Investigation of Spatial Distribution in a Tissue Using MALDI-Mass Spectrometry Imaging. <i>Molecular Pharmaceutics</i> , 2019 , 16, 3948-3956 | 5.6 | 15 |
| 171 | Utilization of Microfluidics for the Preparation of Polymeric Nanoparticles for the Antioxidant Rutin: A Comparison with Bulk Production. <i>Pharmaceutical Nanotechnology</i> , 2019 , 7, 469-483 | 4 | 7 |
| 170 | Microfluidics for the Production of Nanomedicines: Considerations for Polymer and Lipid-based Systems. <i>Pharmaceutical Nanotechnology</i> , 2019 , 7, 423-443 | 4 | 3 |
| 169 | Repurposing azithromycin and rifampicin against Gram-negative pathogens by combination with peptide potentiators. <i>International Journal of Antimicrobial Agents</i> , 2019 , 53, 868-872 | 14.3 | 9 |
| 168 | Application of a Quality-By-Design Approach to Optimise Lipid-Polymer Hybrid Nanoparticles Loaded with a Splice-Correction Antisense Oligonucleotide: Maximising Loading and Intracellular Delivery. <i>Pharmaceutical Research</i> , 2019 , 36, 37 | 4.5 | 5 |
| 167 | Microfluidics-based self-assembly of peptide-loaded microgels: Effect of three dimensional (3D) printed micromixer design. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 559-568 | 9.3 | 16 |
| 166 | Lipid Shell-Enveloped Polymeric Nanoparticles with High Integrity of Lipid Shells Improve Mucus Penetration and Interaction with Cystic Fibrosis-Related Bacterial Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10678-10687 | 9.5 | 16 |
| 165 | Poloxamer 407-chitosan grafted thermoresponsive hydrogels achieve synchronous and sustained release of antigen and adjuvant from single-shot vaccines. <i>Immunology and Cell Biology</i> , 2018 , 96, 656-665 | 5 | 16 |
| 164 | Unusual Self-Assembly of the Recombinant Chlamydia trachomatis Major Outer Membrane Protein-Based Fusion Antigen CTH522 Into Protein Nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 1690-1700 | 3.9 | 2 |
| 163 | Fluorophore labeling of a cell-penetrating peptide significantly alters the mode and degree of biomembrane interaction. <i>Scientific Reports</i> , 2018 , 8, 6327 | 4.9 | 68 |
| 162 | Stereochemistry as a determining factor for the effect of a cell-penetrating peptide on cellular viability and epithelial integrity. <i>Biochemical Journal</i> , 2018 , 475, 1773-1788 | 3.8 | 8 |
| 161 | Combining diagnostic methods for antimicrobial susceptibility testing - A comparative approach. <i>Journal of Microbiological Methods</i> , 2018 , 144, 177-185 | 2.8 | 7 |
| 160 | Immunological and physical evaluation of the multistage tuberculosis subunit vaccine candidate H56/CAF01 formulated as a spray-dried powder. <i>Vaccine</i> , 2018 , 36, 3331-3339 | 4.1 | 19 |

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| 159 | Biopolymer nanogels improve antibacterial activity and safety profile of a novel lysine-based peptide/peptoid peptidomimetic. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 128, 1-9 | 5.7 | 23 |
| 158 | Evaluation of drug permeation under fed state conditions using mucus-covered Caco-2 cell epithelium. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 118, 144-153 | 5.1 | 17 |
| 157 | Characterization and evaluation of stabilized particulate formulations as therapeutic oral vaccines for allergy. <i>Journal of Liposome Research</i> , 2018 , 28, 296-304 | 6.1 | 7 |
| 156 | Engineering of budesonide-loaded lipid-polymer hybrid nanoparticles using a quality-by-design approach. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 740-746 | 6.5 | 20 |
| 155 | Immunogenicity Testing of Lipidoids In Vitro and In Silico: Modulating Lipidoid-Mediated TLR4 Activation by Nanoparticle Design. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 11, 159-169 | 10.7 | 18 |
| 154 | Induction of Cytotoxic T-Lymphocyte Responses Upon Subcutaneous Administration of a Subunit Vaccine Adjuvanted With an Emulsion Containing the Toll-Like Receptor 3 Ligand Poly(I:C). <i>Frontiers in Immunology</i> , 2018 , 9, 898 | 8.4 | 8 |
| 153 | In Vitro ADME Properties of Two Novel Antimicrobial Peptoid-Based Compounds as Potential Agents against Canine Pyoderma. <i>Molecules</i> , 2018 , 23, | 4.8 | 5 |
| 152 | A strong adjuvant based on glycol-chitosan-coated lipid-polymer hybrid nanoparticles potentiates mucosal immune responses against the recombinant Chlamydia trachomatis fusion antigen CTH522. <i>Journal of Controlled Release</i> , 2018 , 271, 88-97 | 11.7 | 35 |
| 151 | The role of mucus as an invisible cloak to transepithelial drug delivery by nanoparticles. <i>Advanced Drug Delivery Reviews</i> , 2018 , 124, 107-124 | 18.5 | 48 |
| 150 | Cellular Effects and Delivery Propensity of Penetratin Is Influenced by Conjugation to Parathyroid Hormone Fragment 1-34 in Synergy with pH. <i>Bioconjugate Chemistry</i> , 2018 , 29, 371-381 | 6.3 | 3 |
| 149 | Ciprofloxacin-loaded sodium alginate/poly (lactic-co-glycolic acid) electrospun fibrous mats for wound healing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 123, 42-49 | 5.7 | 74 |
| 148 | Formulation of RNA interference-based drugs for pulmonary delivery: challenges and opportunities. <i>Therapeutic Delivery</i> , 2018 , 9, 731-749 | 3.8 | 11 |
| 147 | Designing a Formulation of the Nootropic Drug Aniracetam Using 2-Hydroxypropyl-β-Cyclodextrin Suitable for Parenteral Administration. <i>Pharmaceutics</i> , 2018 , 10, | 6.4 | 3 |
| 146 | Formulating Inhalable Dry Powders Using Two-Fluid and Three-Fluid Nozzle Spray Drying. <i>Pharmaceutical Research</i> , 2018 , 35, 247 | 4.5 | 12 |
| 145 | Dual-Isotope SPECT/CT Imaging of the Tuberculosis Subunit Vaccine H56/CAF01: Induction of Strong Systemic and Mucosal IgA and T-Cell Responses in Mice Upon Subcutaneous Prime and Intrapulmonary Boost Immunization. <i>Frontiers in Immunology</i> , 2018 , 9, 2825 | 8.4 | 16 |
| 144 | Insight into Nanoscale Network of Spray-Dried Polymeric Particles: Role of Polymer Molecular Conformation. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 36686-36692 | 9.5 | 7 |
| 143 | Poly(ethylene carbonate)-containing polylactic acid microparticles with rifampicin improve drug delivery to macrophages. <i>Journal of Pharmacy and Pharmacology</i> , 2018 , 70, 1009-1021 | 4.8 | 7 |
| 142 | Are phytosomes a superior nanodelivery system for the antioxidant rutin?. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 82-91 | 6.5 | 30 |

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| 141 | Immune responses induced by nano-self-assembled lipid adjuvants based on a monomycoloyl glycerol analogue after vaccination with the Chlamydia trachomatis major outer membrane protein. <i>Journal of Controlled Release</i> , 2018 , 285, 12-22 | 11.7 | 11 |
| 140 | Adjuvants Based on Synthetic Mycobacterial Cord Factor Analogues: Biophysical Properties of Neat Glycolipids and Nanoself-Assemblies with DDA. <i>Molecular Pharmaceutics</i> , 2017 , 14, 2294-2306 | 5.6 | 3 |
| 139 | Advances in combination therapy of lung cancer: Rationales, delivery technologies and dosage regimens. <i>Journal of Controlled Release</i> , 2017 , 260, 78-91 | 11.7 | 37 |
| 138 | Systematic Investigation of the Role of Surfactant Composition and Choice of oil: Design of a Nanoemulsion-Based Adjuvant Inducing Concomitant Humoral and CD4 T-Cell Responses. <i>Pharmaceutical Research</i> , 2017 , 34, 1716-1727 | 4.5 | 6 |
| 137 | Anti-Inflammatory Effect of Anti-TNF- α siRNA Cationic Phosphorus Dendrimer Nanocomplexes Administered Intranasally in a Murine Acute Lung Injury Model. <i>Biomacromolecules</i> , 2017 , 18, 2379-2388 | 6.9 | 49 |
| 136 | Innovative Methods and Applications in Mucoadhesion Research. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600534 | 5.5 | 58 |
| 135 | Lysine-Based β Peptide/ β Peptoid Peptidomimetics: Influence of Hydrophobicity, Fluorination, and Distribution of Cationic Charge on Antimicrobial Activity and Cytotoxicity. <i>ChemMedChem</i> , 2017 , 12, 312-318 | 3.7 | 28 |
| 134 | Veterinary Pharmaceutics: An Opportunity for Interprofessional Education in New Zealand?. <i>Pharmaceutics</i> , 2017 , 9, | 6.4 | 2 |
| 133 | Short communication: A study of Lactobacillus isolates Adherence to and influence on membrane integrity of human Caco-2 cells. <i>Journal of Dairy Science</i> , 2017 , 100, 7891-7896 | 4 | 10 |
| 132 | Fluorophore labeling of a cell-penetrating peptide induces differential effects on its cellular distribution and affects cell viability. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017 , 1859, 2483-2494 | 3.8 | 48 |
| 131 | Animal models for evaluation of oral delivery of biopharmaceuticals. <i>Journal of Controlled Release</i> , 2017 , 268, 57-71 | 11.7 | 25 |
| 130 | Liposomal β galactosylceramide is taken up by gut-associated lymphoid tissue and stimulates local and systemic immune responses. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 1724-1735 | 4.8 | 4 |
| 129 | The impact of particle preparation methods and polymorphic stability of lipid excipients on protein distribution in microparticles. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 2032-2042 | 3.6 | 1 |
| 128 | Engineering of small interfering RNA-loaded lipidoid-poly(DL-lactic-co-glycolic acid) hybrid nanoparticles for highly efficient and safe gene silencing: A quality by design-based approach. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 120, 22-33 | 5.7 | 36 |
| 127 | Inhalable siRNA-loaded nano-embedded microparticles engineered using microfluidics and spray drying. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 120, 9-21 | 5.7 | 30 |
| 126 | The administration route is decisive for the ability of the vaccine adjuvant CAF09 to induce antigen-specific CD8(+) T-cell responses: The immunological consequences of the biodistribution profile. <i>Journal of Controlled Release</i> , 2016 , 239, 107-17 | 11.7 | 44 |
| 125 | Quantification of Cell-Penetrating Peptide Associated with Polymeric Nanoparticles Using Isobaric-Tagging and MALDI-TOF MS/MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 1891-1894 | 3.5 | 2 |
| 124 | Trehalose diester glycolipids are superior to the monoesters in binding to Mincle, activation of macrophages in vitro and adjuvant activity in vivo. <i>Innate Immunity</i> , 2016 , 22, 405-18 | 2.7 | 31 |

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| 123 | Soft hydrogels interpenetrating silicone--A polymer network for drug-releasing medical devices. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 402-10 | 3.5 | 19 |
| 122 | Effects of boiling and in vitro gastrointestinal digestion on the antioxidant activity of <i>Sonchus oleraceus</i> leaves. <i>Food and Function</i> , 2016 , 7, 1515-22 | 6.1 | 12 |
| 121 | Delivery of siRNA Complexed with Palmitoylated Peptide/Peptoid Cell-Penetrating Peptidomimetics: Membrane Interaction and Structural Characterization of a Lipid-Based Nanocarrier System. <i>Molecular Pharmaceutics</i> , 2016 , 13, 1739-49 | 5.6 | 18 |
| 120 | Interactions between Surfactants in Solution and Electrospun Protein Fibers: Effects on Release Behavior and Fiber Properties. <i>Molecular Pharmaceutics</i> , 2016 , 13, 748-55 | 5.6 | 22 |
| 119 | Thermostable Subunit Vaccines for Pulmonary Delivery: How Close Are We?. <i>Current Pharmaceutical Design</i> , 2016 , 22, 2561-76 | 3.3 | 12 |
| 118 | Inhalable Antimicrobials for Treatment of Bacterial Biofilm-Associated Sinusitis in Cystic Fibrosis Patients: Challenges and Drug Delivery Approaches. <i>International Journal of Molecular Sciences</i> , 2016 , 17, | 6.3 | 18 |
| 117 | Applications and Challenges for Use of Cell-Penetrating Peptides as Delivery Vectors for Peptide and Protein Cargos. <i>International Journal of Molecular Sciences</i> , 2016 , 17, | 6.3 | 175 |
| 116 | Liposome-Based Adjuvants for Subunit Vaccines: Formulation Strategies for Subunit Antigens and Immunostimulators. <i>Pharmaceutics</i> , 2016 , 8, | 6.4 | 104 |
| 115 | Antimicrobial activity of GN peptides and their mode of action. <i>Biopolymers</i> , 2016 , 106, 172-183 | 2.2 | 11 |
| 114 | Nano-Self-Assemblies Based on Synthetic Analogues of Mycobacterial Monomycoloyl Glycerol and DDA: Supramolecular Structure and Adjuvant Efficacy. <i>Molecular Pharmaceutics</i> , 2016 , 13, 2771-81 | 5.6 | 10 |
| 113 | Quantification of pharmaceutical peptides in human plasma by LC-ICP-MS sulfur detection. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1877-1884 | 3.7 | 13 |
| 112 | Impact of Lipid-Based Drug Delivery Systems on the Transport and Uptake of Insulin Across Caco-2 Cell Monolayers. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 2743-2751 | 3.9 | 30 |
| 111 | Large-Scale Biophysical Evaluation of Protein PEGylation Effects: In Vitro Properties of 61 Protein Entities. <i>Molecular Pharmaceutics</i> , 2016 , 13, 1587-98 | 5.6 | 12 |
| 110 | Cell-penetrating peptides as tools to enhance non-injectable delivery of biopharmaceuticals. <i>Tissue Barriers</i> , 2016 , 4, e1178369 | 4.3 | 24 |
| 109 | Cell-Penetrating Peptides as Carriers for Oral Delivery of Biopharmaceuticals. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 118, 99-106 | 3.1 | 36 |
| 108 | Nanoparticle-mediated delivery of the antimicrobial peptide plectasin against <i>Staphylococcus aureus</i> in infected epithelial cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 92, 65-73 | 5.7 | 48 |
| 107 | Evaluation of vibrational spectroscopic methods to identify and quantify multiple adulterants in herbal medicines. <i>Talanta</i> , 2015 , 138, 77-85 | 6.2 | 23 |
| 106 | Intracellular siRNA delivery dynamics of integrin-targeted, PEGylated chitosan-poly(ethylene imine) hybrid nanoparticles: A mechanistic insight. <i>Journal of Controlled Release</i> , 2015 , 211, 1-9 | 11.7 | 42 |

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|-----|--|------|-----|
| 105 | Cell-penetrating antimicrobial peptides - perspectives for targeting intracellular infections. <i>Pharmaceutical Research</i> , 2015 , 32, 1546-56 | 4.5 | 24 |
| 104 | Engineering of a novel adjuvant based on lipid-polymer hybrid nanoparticles: A quality-by-design approach. <i>Journal of Controlled Release</i> , 2015 , 210, 48-57 | 11.7 | 60 |
| 103 | Hyaluronic Acid-Based Nanogels Produced by Microfluidics-Facilitated Self-Assembly Improves the Safety Profile of the Cationic Host Defense Peptide Novicidin. <i>Pharmaceutical Research</i> , 2015 , 32, 2727-35 | 4.5 | 28 |
| 102 | Penetratin-Mediated Transepithelial Insulin Permeation: Importance of Cationic Residues and pH for Complexation and Permeation. <i>AAPS Journal</i> , 2015 , 17, 1200-9 | 3.7 | 24 |
| 101 | Selective quantitation of the incorporation of the immunomodulator β -galactosylceramide in liposomes using LCMS/MS. <i>International Journal of Mass Spectrometry</i> , 2015 , 392, 96-101 | 1.9 | 3 |
| 100 | Bioactive protein-based nanofibers interact with intestinal biological components resulting in transepithelial permeation of a therapeutic protein. <i>International Journal of Pharmaceutics</i> , 2015 , 495, 58-66 | 6.5 | 29 |
| 99 | Cell-Penetrating Peptides as Carriers for Transepithelial Drug Delivery In Vitro. <i>Methods in Molecular Biology</i> , 2015 , 1324, 261-77 | 1.4 | 2 |
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