

Ylenia Zambito

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,404
citations

159585

30
h-index

223800

46
g-index

74
all docs

74
docs citations

74
times ranked

2579
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Thiolated Hydroxypropyl- β -cyclodextrin: A Potential Multifunctional Excipient for Ocular Drug Delivery. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2612. | 4.1 | 22 |
| 2 | Saffron extract self-assembled nanoparticles to prolong the precorneal residence of crocin. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103580. | 3.0 | 2 |
| 3 | Strategies to prolong the residence time of drug delivery systems on ocular surface. <i>Advances in Colloid and Interface Science</i> , 2021, 288, 102342. | 14.7 | 73 |
| 4 | Antivirulence Properties of a Low-Molecular-Weight Quaternized Chitosan Derivative against <i>Pseudomonas aeruginosa</i> . <i>Microorganisms</i> , 2021, 9, 912. | 3.6 | 6 |
| 5 | Impact of Peels Extracts from an Italian Ancient Tomato Variety Grown under Drought Stress Conditions on Vascular Related Dysfunction. <i>Molecules</i> , 2021, 26, 4289. | 3.8 | 6 |
| 6 | Structure determination, thermal stability and dissolution rate of β -indomethacin. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121067. | 5.2 | 15 |
| 7 | Nanoparticles Based on Quaternary Ammonium Chitosan-methyl- β -cyclodextrin Conjugate for the Neuropeptide Dalargin Delivery to the Central Nervous System: An In Vitro Study. <i>Pharmaceutics</i> , 2021, 13, 5. | 4.5 | 12 |
| 8 | Combination of Two Kinds of Medicated Microparticles Based on Hyaluronic Acid or Chitosan for a Wound Healing Spray Patch. <i>Pharmaceutics</i> , 2021, 13, 2195. | 4.5 | 9 |
| 9 | Binding and mucoadhesion of sulfurated derivatives of quaternary ammonium-chitosans and their nanoaggregates: An NMR investigation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112852. | 2.8 | 12 |
| 10 | Repurposing of Plasminogen: An Orphan Medicinal Product Suitable for SARS-CoV-2 Inhalable Therapeutics. <i>Pharmaceutics</i> , 2020, 13, 425. | 3.8 | 4 |
| 11 | 2-Methyl- β -cyclodextrin grafted ammonium chitosan: synergistic effects of cyclodextrin host and polymer backbone in the interaction with amphiphilic prednisolone phosphate salt as revealed by NMR spectroscopy. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119698. | 5.2 | 8 |
| 12 | Quaternary Ammonium Chitosans: The Importance of the Positive Fixed Charge of the Drug Delivery Systems. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6617. | 4.1 | 34 |
| 13 | Antioxidant Effect of Cocoa By-Product and Cherry Polyphenol Extracts: A Comparative Study. <i>Antioxidants</i> , 2020, 9, 132. | 5.1 | 16 |
| 14 | Improvement of Peptide Affinity and Stability by Complexing to Cyclodextrin-Grafted Ammonium Chitosan. <i>Polymers</i> , 2020, 12, 474. | 4.5 | 11 |
| 15 | Antioxidant and Anti-Inflammatory Properties of Cherry Extract: Nanosystems-Based Strategies to Improve Endothelial Function and Intestinal Absorption. <i>Foods</i> , 2020, 9, 207. | 4.3 | 24 |
| 16 | pH-Responsive Carboxymethylcellulose Nanoparticles for ^{68}Ga -WBC Labeling in PET Imaging. <i>Polymers</i> , 2019, 11, 1615. | 4.5 | 9 |
| 17 | A New Calcium Oral Controlled-Release System Based on Zeolite for Prevention of Osteoporosis. <i>Nutrients</i> , 2019, 11, 2467. | 4.1 | 3 |
| 18 | Anti-Inflammatory Effect of Cherry Extract Loaded in Polymeric Nanoparticles: Relevance of Particle Internalization in Endothelial Cells. <i>Pharmaceutics</i> , 2019, 11, 500. | 4.5 | 18 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Cherry Extract from <i>Prunus avium</i> L. to Improve the Resistance of Endothelial Cells to Oxidative Stress: Mucoadhesive Chitosan vs. Poly(lactic-co-glycolic acid) Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1759. | 4.1 | 15 |
| 20 | Impact of Different Mucoadhesive Polymeric Nanoparticles Loaded in Thermosensitive Hydrogels on Transcorneal Administration of 5-Fluorouracil. <i>Pharmaceutics</i> , 2019, 11, 623. | 4.5 | 25 |
| 21 | Antibacterial, Antibiofilm, and Antiadhesive Properties of Different Quaternized Chitosan Derivatives. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6297. | 4.1 | 37 |
| 22 | A water-soluble, mucoadhesive quaternary ammonium chitosan-methyl- β -cyclodextrin conjugate forming inclusion complexes with dexamethasone. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 42. | 3.6 | 26 |
| 23 | Sucrosomial [®] iron absorption studied by in vitro and ex-vivo models. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 425-431. | 4.0 | 36 |
| 24 | Chitosan-Based Nanoparticles Containing Cherry Extract from <i>Prunus avium</i> L. to Improve the Resistance of Endothelial Cells to Oxidative Stress. <i>Nutrients</i> , 2018, 10, 1598. | 4.1 | 29 |
| 25 | Ex Vivo and in Vivo Study of Sucrosomial [®] Iron Intestinal Absorption and Bioavailability. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2722. | 4.1 | 22 |
| 26 | Methyl- β -cyclodextrin quaternary ammonium chitosan conjugate: nanoparticles vs macromolecular soluble complex. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2531-2541. | 6.7 | 19 |
| 27 | Impact of mucoadhesive polymeric nanoparticulate systems on oral bioavailability of a macromolecular model drug. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 130, 281-289. | 4.3 | 35 |
| 28 | Magnesium bioavailability after administration of sucrosomial [®] magnesium: results of an ex-vivo study and a comparative, double-blinded, cross-over study in healthy subjects. <i>European Review for Medical and Pharmacological Sciences</i> , 2018, 22, 1843-1851. | 0.7 | 15 |
| 29 | About the impact of water movement on the permeation behaviour of nanoparticles in mucus. <i>International Journal of Pharmaceutics</i> , 2017, 517, 279-285. | 5.2 | 22 |
| 30 | Role of nanostructured aggregation of chitosan derivatives on [5-methionine]enkephalin affinity. <i>Carbohydrate Polymers</i> , 2017, 157, 321-324. | 10.2 | 4 |
| 31 | Thermosensitive hydrogel based on chitosan and its derivatives containing medicated nanoparticles for transcorneal administration of 5-fluorouracil. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 633-643. | 6.7 | 47 |
| 32 | Palmitoyl Glycol Chitosan Micelles for Corneal Delivery of Cyclosporine. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 231-240. | 1.1 | 25 |
| 33 | Nanoparticles based on quaternary ammonium-chitosan conjugate: A vehicle for oral administration of antioxidants contained in red grapes. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 291-297. | 3.0 | 8 |
| 34 | Sucrosomial Technology Is Able to Promote Ferric Iron Absorption: Pre-Clinical and Clinical Evidences. <i>Blood</i> , 2016, 128, 3618-3618. | 1.4 | 9 |
| 35 | Mucoadhesive nano-sized supramolecular assemblies for improved pre-corneal drug residence time. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 2069-2076. | 2.0 | 40 |
| 36 | Effect of different chitosan derivatives on in vitro scratch wound assay: A comparative study. <i>International Journal of Biological Macromolecules</i> , 2015, 76, 236-241. | 7.5 | 106 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Sucrosomial Iron [®] : A New Highly Bioavailable Oral Iron Supplement. <i>Blood</i> , 2015, 126, 4561-4561. | 1.4 | 12 |
| 38 | Mucoadhesivity and release properties of quaternary ammonium-chitosan conjugates and their nanoparticulate supramolecular aggregates: An NMR investigation. <i>International Journal of Pharmaceutics</i> , 2014, 461, 489-494. | 5.2 | 14 |
| 39 | Delivery of natural polyphenols by polymeric nanoparticles improves the resistance of endothelial progenitor cells to oxidative stress. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 393-399. | 4.0 | 34 |
| 40 | Mucoadhesive nanoparticles made of thiolated quaternary chitosan crosslinked with hyaluronan. <i>Carbohydrate Polymers</i> , 2013, 92, 33-39. | 10.2 | 45 |
| 41 | Red grape skin and seeds polyphenols: Evidence of their protective effects on endothelial progenitor cells and improvement of their intestinal absorption. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 176-184. | 4.3 | 42 |
| 42 | Is dialysis a reliable method for studying drug release from nanoparticulate systems? A case study. <i>International Journal of Pharmaceutics</i> , 2012, 434, 28-34. | 5.2 | 111 |
| 43 | A site-specific controlled-release system for metformin. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 565-571. | 2.4 | 9 |
| 44 | Synergistic interaction between TS-polysaccharide and hyaluronic acid: Implications in the formulation of eye drops. <i>International Journal of Pharmaceutics</i> , 2010, 395, 122-131. | 5.2 | 57 |
| 45 | Chitosan and its derivatives as intraocular penetration enhancers. <i>Journal of Drug Delivery Science and Technology</i> , 2010, 20, 45-52. | 3.0 | 27 |
| 46 | Thiolated quaternary ammonium-chitosan conjugates for enhanced precorneal retention, transcorneal permeation and intraocular absorption of dexamethasone. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 194-199. | 4.3 | 35 |
| 47 | Selected polysaccharides at comparison for their mucoadhesiveness and effect on precorneal residence of different drugs in the rabbit model. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 941-949. | 2.0 | 50 |
| 48 | Synthesis, characterization and evaluation of thiolated quaternary ammonium-chitosan conjugates for enhanced intestinal drug permeation. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 38, 112-120. | 4.0 | 29 |
| 49 | New chitosan derivatives for the preparation of rokitamycin loaded microspheres designed for ocular or nasal administration. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 4852-4865. | 3.3 | 43 |
| 50 | Polymeric Enhancers of Mucosal Epithelia Permeability: Synthesis, Transepithelial Penetration-Enhancing Properties, Mechanism of Action, Safety Issues. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 1652-1680. | 3.3 | 93 |
| 51 | Enhanced affinity of ketotifen toward tamarind seed polysaccharide in comparison with hydroxyethylcellulose and hyaluronic acid: A nuclear magnetic resonance investigation. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7371-7376. | 3.0 | 21 |
| 52 | Improved synthesis of quaternary ammonium-chitosan conjugates (N+-Ch) for enhanced intestinal drug permeation. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 33, 343-350. | 4.0 | 47 |
| 53 | Novel quaternary ammonium chitosan derivatives for the promotion of intraocular drug absorption. <i>Journal of Drug Delivery Science and Technology</i> , 2007, 17, 19-24. | 3.0 | 17 |
| 54 | Nanoparticles based on N-trimethylchitosan: Evaluation of absorption properties using in vitro (Caco-2 cells) and ex vivo (excised rat jejunum) models. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 65, 68-77. | 4.3 | 124 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Effects of N-trimethylchitosan on transcellular and paracellular transcorneal drug transport. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 64, 16-25. | 4.3 | 48 |
| 56 | A new hydrogel for the extended and complete prednisolone release in the GI tract. <i>International Journal of Pharmaceutics</i> , 2006, 310, 154-161. | 5.2 | 24 |
| 57 | Novel transmucosal absorption enhancers obtained by aminoalkylation of chitosan. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 29, 460-469. | 4.0 | 52 |
| 58 | Buccal penetration enhancement properties of N-trimethyl chitosan: Influence of quaternization degree on absorption of a high molecular weight molecule. <i>International Journal of Pharmaceutics</i> , 2005, 297, 146-155. | 5.2 | 127 |
| 59 | Matrices for site-specific controlled-delivery of 5-fluorouracil to descending colon. <i>Journal of Controlled Release</i> , 2005, 102, 669-677. | 9.9 | 35 |
| 60 | Design and in vitro evaluation of an extended-release matrix tablet for once-daily oral administration of oxybutynin. <i>Journal of Drug Delivery Science and Technology</i> , 2005, 15, 397-402. | 3.0 | 4 |
| 61 | Effects of Different N-Trimethyl Chitosans on In Vitro/In Vivo Ofloxacin Transcorneal Permeation. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 2851-2862. | 3.3 | 83 |
| 62 | Effect of chitosan and of N-carboxymethylchitosan on intraocular penetration of topically applied ofloxacin. <i>International Journal of Pharmaceutics</i> , 2004, 273, 37-44. | 5.2 | 111 |
| 63 | Methyl-DEAE-dextran: a candidate biomaterial. <i>Bio-Medical Materials and Engineering</i> , 2004, 14, 411-7. | 0.6 | 1 |
| 64 | Preparation and in vitro evaluation of chitosan matrices for colonic controlled drug delivery. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2003, 6, 274-81. | 2.1 | 31 |
| 65 | A study of release mechanisms of different ophthalmic drugs from erodible ocular inserts based on poly(ethylene oxide). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002, 54, 193-199. | 4.3 | 39 |
| 66 | In vitro evaluation of a system for pH-controlled peroral delivery of metformin. <i>Journal of Controlled Release</i> , 2002, 80, 119-128. | 9.9 | 23 |
| 67 | Effect of chitosan on in vitro release and ocular delivery of ofloxacin from erodible inserts based on poly(ethylene oxide). <i>International Journal of Pharmaceutics</i> , 2002, 248, 115-122. | 5.2 | 69 |
| 68 | Gel-forming erodible inserts for ocular controlled delivery of ofloxacin. <i>International Journal of Pharmaceutics</i> , 2001, 215, 101-111. | 5.2 | 62 |
| 69 | Relevance of polymer molecular weight to the in vitro/in vivo performances of ocular inserts based on poly(ethylene oxide). <i>International Journal of Pharmaceutics</i> , 2001, 220, 169-177. | 5.2 | 30 |
| 70 | Polysaccharides as Excipients for Ocular Topical Formulations. , 0, , . | | 7 |