

Rosario Pignatello

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.

165
papers

3,864
citations

32
h-index

55
g-index

177
ext. papers

4,302
ext. citations

4.9
avg, IF

5.14
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 165 | Development of Eudragit \square Nanoparticles for Intranasal Drug Delivery: Preliminary Technological and Toxicological Evaluation. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2373 | 2.6 | 0 |
| 164 | Fluorescent Nanosystems for Drug Tracking and Theranostics: Recent Applications in the Ocular Field. <i>Pharmaceutics</i> , 2022 , 14, 955 | 6.4 | 0 |
| 163 | Almond oil O/W nanoemulsions: Potential application for ocular delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 103424 | 4.5 | 1 |
| 162 | Sorafenib Repurposing for Ophthalmic Delivery by Lipid Nanoparticles: A Preliminary Study. <i>Pharmaceutics</i> , 2021 , 13, | 6.4 | 2 |
| 161 | Quality by design tools reducing the gap from bench to bedside for nanomedicine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 169, 144-155 | 5.7 | 2 |
| 160 | Essential Oils: Pharmaceutical Applications and Encapsulation Strategies into Lipid-Based Delivery Systems. <i>Pharmaceutics</i> , 2021 , 13, | 6.4 | 24 |
| 159 | Assessment of the Technological Properties of Idebenone and Tocopheryl Acetate Co-Loaded Lipid Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3553 | 2.6 | 1 |
| 158 | Rheological Behavior of a New Mucoadhesive Oral Formulation Based on Sodium Chondroitin Sulfate, Xyloglucan and Glycerol. <i>Journal of Functional Biomaterials</i> , 2021 , 12, | 4.8 | 3 |
| 157 | Ferulic Acid-Loaded Polymeric Nanoparticles for Potential Ocular Delivery. <i>Pharmaceutics</i> , 2021 , 13, | 6.4 | 4 |
| 156 | Essential Oil-Loaded NLC for Potential Intranasal Administration. <i>Pharmaceutics</i> , 2021 , 13, | 6.4 | 5 |
| 155 | Sinapic Acid Release at the Cell Level by Incorporation into Nanoparticles: Experimental Evidence Using Biomembrane Models. <i>Micro</i> , 2021 , 1, 120-128 | | 1 |
| 154 | Novel mutual prodrug of 5-fluorouracil and heme oxygenase-1 inhibitor (5-FU/HO-1 hybrid): design and preliminary evaluation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 1378-1386 | 5.6 | 5 |
| 153 | Curcumin Loaded Polymeric vs. Lipid Nanoparticles: Antioxidant Effect on Normal and Hypoxic Olfactory Ensheathing Cells. <i>Nanomaterials</i> , 2021 , 11, | 5.4 | 11 |
| 152 | Nanotechnologies for intranasal drug delivery: an update of literature. <i>Pharmaceutical Development and Technology</i> , 2021 , 26, 824-845 | 3.4 | 9 |
| 151 | Lipid Nanoparticles Traverse Non-Corneal Path to Reach the Posterior Eye Segment: In Vivo Evidence. <i>Molecules</i> , 2021 , 26, | 4.8 | 8 |
| 150 | Optimization of dextran sulfate/poly-L-lysine based nanogels polyelectrolyte complex for intranasal ovalbumin delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 65, 102678 | 4.5 | 2 |
| 149 | Development, Optimization and Characterization of Eudraguard-based Microparticles for Colon Delivery. <i>Pharmaceutics</i> , 2020 , 13, | 5.2 | 1 |

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| 148 | Ocular Formulation Based on Palmitoylethanolamide-Loaded Nanostructured Lipid Carriers: Technological and Pharmacological Profile. <i>Nanomaterials</i> , 2020 , 10, | 5.4 | 18 |
| 147 | Lipid Nanoparticle Inclusion Prevents Capsaicin-Induced TRPV1 Defunctionalization. <i>Pharmaceutics</i> , 2020 , 12, | 6.4 | 7 |
| 146 | A physico-chemical study on amphiphilic cyclodextrin/liposomes nanoassemblies with drug carrier potential. <i>Journal of Liposome Research</i> , 2020 , 30, 407-416 | 6.1 | 5 |
| 145 | Development and biocompatibility assessments of poly(3-hydroxybutyrate-co-ε-caprolactone) microparticles for diclofenac sodium delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 102081 | 4.5 | 5 |
| 144 | Novel ophthalmic formulation of myriocin: implications in retinitis pigmentosa. <i>Drug Delivery</i> , 2019 , 26, 237-243 | 7 | 23 |
| 143 | Unsaturated Poly(Hydroxyalkanoates) for the Production of Nanoparticles and the Effect of Cross-Linking on Nanoparticle Features. <i>Materials</i> , 2019 , 12, | 3.5 | 8 |
| 142 | Lipid Nanoparticles and Active Natural Compounds: A Perfect Combination for Pharmaceutical Applications. <i>Current Medicinal Chemistry</i> , 2019 , 26, 4681-4696 | 4.3 | 9 |
| 141 | Polymeric Nanomicelles of Soluplus® as a Strategy for Enhancing the Solubility, Bioavailability and Efficacy of Poorly Soluble Active Compounds. <i>Current Nanomedicine</i> , 2019 , 9, 184-197 | 0.9 | 8 |
| 140 | Drug Delivery Systems for the Controlled Delivery of Berberine 2019 , 283-300 | | |
| 139 | Technology assessment of new biodegradable poly(R-3-hydroxybutyrate-co-1,4-butylene adipate) copolymers for drug delivery. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47233 | 2.9 | 3 |
| 138 | Antioxidant activity and photostability assessment of trans-resveratrol acrylate microspheres. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 222-234 | 3.4 | 7 |
| 137 | Innovative Nanoparticles Enhance -Palmitoylethanolamide Intraocular Delivery. <i>Frontiers in Pharmacology</i> , 2018 , 9, 285 | 5.6 | 26 |
| 136 | A Method for Efficient Loading of Ciprofloxacin Hydrochloride in Cationic Solid Lipid Nanoparticles: Formulation and Microbiological Evaluation. <i>Nanomaterials</i> , 2018 , 8, | 5.4 | 24 |
| 135 | Tangential Flow Filtration Technique: An Overview on Nanomedicine Applications. <i>Pharmaceutical Nanotechnology</i> , 2018 , 6, 48-60 | 4 | 15 |
| 134 | Mediterranean essential oils as precious matrix components and active ingredients of lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 217-226 | 6.5 | 52 |
| 133 | Amphiphilic naproxen prodrugs: differential scanning calorimetry study on their interaction with phospholipid bilayers. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 1091-1098 | 4.8 | |
| 132 | Topical Ocular Delivery of TGF-β to the Back of the Eye: Implications in Age-Related Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 24 |
| 131 | Nanosized devices as antibiotics and antifungals delivery: past, news, and outlook 2017 , 697-748 | | 3 |

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| 130 | Lipid-based Nanosized Delivery Systems for Fluoroquinolones: a Review. <i>Current Pharmaceutical Design</i> , 2017 , | 3.3 | 8 |
| 129 | The fate of polymeric and lipid nanoparticles for brain delivery and targeting: Strategies and mechanism of blood-brain barrier crossing and trafficking into the central nervous system. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 32, 66-76 | 4.5 | 45 |
| 128 | A study on liposomal encapsulation of a lipophilic prodrug of LHRH. <i>Pharmaceutical Development and Technology</i> , 2016 , 21, 664-71 | 3.4 | 4 |
| 127 | Nanosystems based on siRNA silencing HuR expression counteract diabetic retinopathy in rat. <i>Pharmacological Research</i> , 2016 , 111, 713-720 | 10.2 | 56 |
| 126 | Improvement of Oral Bioavailability of Curcumin upon Microencapsulation with Methacrylic Copolymers. <i>Frontiers in Pharmacology</i> , 2016 , 7, 485 | 5.6 | 32 |
| 125 | Evaluation of Eudragit [®] Retard Polymers for the Microencapsulation of Alpha-Lipoic Acid. <i>Current Drug Delivery</i> , 2016 , 13, 1165-1175 | 3.2 | 3 |
| 124 | Synthesis, characterization and in vitro evaluation of amphiphilic ion pairs of erythromycin and kanamycin antibiotics with liposaccharides. <i>European Journal of Medicinal Chemistry</i> , 2016 , 120, 329-37 | 6.8 | 2 |
| 123 | Preparation, characterization and photostability assessment of curcumin microencapsulated within methacrylic copolymers. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 33, 88-97 | 4.5 | 16 |
| 122 | Evaluation of amphiphilic PEG derivatives as surface modifiers for the production of stealth liposomes. <i>Colloid and Polymer Science</i> , 2015 , 293, 1083-1092 | 2.4 | 2 |
| 121 | Neuroprotective effects of the monoamine oxidase inhibitor tranylcypromine and its amide derivatives against A β (1-42)-induced toxicity. <i>European Journal of Pharmacology</i> , 2015 , 764, 256-263 | 5.3 | 11 |
| 120 | Ophthalmic applications of lipid-based drug nanocarriers: an update of research and patenting activity. <i>Therapeutic Delivery</i> , 2015 , 6, 1297-318 | 3.8 | 15 |
| 119 | Cationic solid lipid nanoparticles enhance ocular hypotensive effect of melatonin in rabbit. <i>International Journal of Pharmaceutics</i> , 2015 , 478, 180-186 | 6.5 | 54 |
| 118 | New amphiphilic derivatives of poly(ethylene glycol) (PEG) as surface modifiers of colloidal drug carriers. III. Lipoamino acid conjugates with carboxy- and amino-PEG(5000) polymers. <i>Materials Science and Engineering C</i> , 2015 , 46, 470-81 | 8.3 | 12 |
| 117 | Antioxidant activity of idebenone-loaded neutral and cationic solid-lipid nanoparticles. <i>Pharmaceutical Development and Technology</i> , 2015 , 20, 716-23 | 3.4 | 22 |
| 116 | Nanotechnology approaches for antibacterial drug delivery: Preparation and microbiological evaluation of fusogenic liposomes carrying fusidic acid. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 622-6 | 14.3 | 31 |
| 115 | A study on the encapsulation of an occludin lipophilic derivative in liposomal carriers. <i>Journal of Liposome Research</i> , 2015 , 25, 287-93 | 6.1 | 7 |
| 114 | Lipid nanocarriers (LNC) and their applications in ocular drug delivery. <i>Current Medicinal Chemistry</i> , 2015 , 22, 1589-602 | 4.3 | 46 |
| 113 | Calorimetry and Langmuir-Blodgett studies on the interaction of a lipophilic prodrug of LHRH with biomembrane models. <i>Journal of Colloid and Interface Science</i> , 2014 , 421, 122-31 | 9.3 | 6 |

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| 112 | Characterization of micellar systems produced by new amphiphilic conjugates of poly(ethylene glycol). <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 1463-7 | 3.6 | 2 |
| 111 | Influence of different surfactants on the technological properties and in vivo ocular tolerability of lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2014 , 470, 133-40 | 6.5 | 51 |
| 110 | Pharmaceutical and biomedical applications of lipid-based nanocarriers. <i>Pharmaceutical Patent Analyst</i> , 2014 , 3, 199-215 | 0.6 | 46 |
| 109 | Preparation and Microbiological Evaluation of Amphiphilic Kanamycin-Lipoamino Acid Ion-Pairs. <i>Antibiotics</i> , 2014 , 3, 216-32 | 4.9 | 3 |
| 108 | Optimization and Validation of a New Method for the Production of Lipid Nanoparticles for Ophthalmic Application. <i>International Journal of Medical Nano Research</i> , 2014 , 1, | 1 | 3 |
| 107 | Lipid-based nanocarriers for drug delivery and targeting: a patent survey of methods of production and characterization. <i>Pharmaceutical Patent Analyst</i> , 2013 , 2, 665-77 | 0.6 | 29 |
| 106 | New Amphiphilic Conjugates of Amino Poly(ethylene glycols) With Lipoamino Acids as Surface Modifiers of Colloidal Drug Carriers. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 46-55 | 2.6 | 9 |
| 105 | Evaluation of new amphiphilic PEG derivatives for preparing stealth lipid nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 434, 136-144 | 5.1 | 21 |
| 104 | Polymeric nanoparticles augment the ocular hypotensive effect of melatonin in rabbits. <i>International Journal of Pharmaceutics</i> , 2013 , 440, 135-40 | 6.5 | 75 |
| 103 | Biological membranes and their role in physio-pathological conditions 2013 , 1-46 | | 1 |
| 102 | DSC in drug Biomembrane interaction studies 2013 , 213-236 | | 2 |
| 101 | Appendix 1: General experimental set-up of liposomal systems for DSC 2013 , 363-379 | | 3 |
| 100 | Analytical methods for studying drug Biomembrane interactions 2013 , 97-125 | | |
| 99 | Non-steroidal anti-inflammatory drugs 2013 , 281-303 | | 2 |
| 98 | Drug Biomembrane interaction studies 2013 , | | 7 |
| 97 | Advances in Biomaterials Science and Biomedical Applications 2013 , | | 11 |
| 96 | Serum-stable, long-circulating paclitaxel-loaded colloidal carriers decorated with a new amphiphilic PEG derivative. <i>International Journal of Pharmaceutics</i> , 2012 , 426, 231-238 | 6.5 | 27 |
| 95 | Antioxidant potential of different melatonin-loaded nanomedicines in an experimental model of sepsis. <i>Experimental Biology and Medicine</i> , 2012 , 237, 670-7 | 3.7 | 29 |

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| 94 | Chemical and technological delivery systems for idebenone: a review of literature production. <i>Expert Opinion on Drug Delivery</i> , 2012 , 9, 1377-92 | 8 | 15 |
| 93 | Synthesis and biological evaluation of a new polymeric conjugate and nanocarrier with osteotropic properties. <i>Journal of Functional Biomaterials</i> , 2012 , 3, 79-99 | 4.8 | 30 |
| 92 | The effect of poly(d,l-lactide-co-glycolide)-alendronate conjugate nanoparticles on human osteoclast precursors. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012 , 23, 1285-300 | 3.5 | 23 |
| 91 | Active targeting strategies for anticancer drug nanocarriers. <i>Current Drug Delivery</i> , 2012 , 9, 255-68 | 3.2 | 52 |
| 90 | Nanotechnology in Ophthalmic Drug Delivery: A Survey of Recent Developments and Patenting Activity. <i>Recent Patents on Nanomedicine</i> , 2011 , 1, 42-54 | | 15 |
| 89 | Nanostructured Lipid Carriers (NLC) for the Topical Delivery of Lutein. <i>Drug Delivery Letters</i> , 2011 , 1, 32-39 | 0.8 | 6 |
| 88 | PLGA-Alendronate Conjugate as a New Biomaterial to Produce Osteotropic Drug Nanocarriers 2011 , | | 1 |
| 87 | Amphiphilic erythromycin-lipoamino acid ion pairs: characterization and in vitro microbiological evaluation. <i>AAPS PharmSciTech</i> , 2011 , 12, 468-75 | 3.9 | 15 |
| 86 | Gemcitabine-loaded chitosan microspheres. Characterization and biological in vitro evaluation. <i>Biomedical Microdevices</i> , 2011 , 13, 799-807 | 3.7 | 25 |
| 85 | Amphiphilic ion pairs of tobramycin with lipoamino acids. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 1665-71 | 6.8 | 16 |
| 84 | Effects of external phase on D-cycloserine loaded W/O nanocapsules prepared by the interfacial polymerization method. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 2828-34 | 6.8 | 13 |
| 83 | Interaction of naproxen amphiphilic derivatives with biomembrane models evaluated by differential scanning calorimetry and Langmuir-Blodgett studies. <i>Journal of Colloid and Interface Science</i> , 2011 , 360, 359-69 | 9.3 | 9 |
| 82 | Effects of liposomal encapsulation on the antioxidant activity of lipophilic prodrugs of idebenone. <i>Journal of Liposome Research</i> , 2011 , 21, 46-54 | 6.1 | 9 |
| 81 | Biomembrane models and drug-biomembrane interaction studies: Involvement in drug design and development. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011 , 3, 4-14 | 1.1 | 87 |
| 80 | Calorimetric techniques to study the interaction of drugs with biomembrane models. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011 , 3, 1-2 | 1.1 | 1 |
| 79 | Biomaterials Science and Engineering 2011 , | | 6 |
| 78 | Biomaterials Applications for Nanomedicine 2011 , | | 9 |
| 77 | Biomaterials - Physics and Chemistry 2011 , | | 4 |

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| 76 | Nanostructured Lipid Carriers (NLC) for the Topical Delivery of Lutein. <i>Drug Delivery Letters</i> , 2011 , 1, 32-39 | 0.8 | 8 |
| 75 | Bone-targeted doxorubicin-loaded nanoparticles as a tool for the treatment of skeletal metastases. <i>Current Cancer Drug Targets</i> , 2010 , 10, 649-59 | 2.8 | 61 |
| 74 | Encapsulation in fusogenic liposomes broadens the spectrum of action of vancomycin against Gram-negative bacteria. <i>International Journal of Antimicrobial Agents</i> , 2010 , 35, 553-8 | 14.3 | 84 |
| 73 | Synthesis and in vitro cytotoxic activity on human anaplastic thyroid cancer cells of lipoamino acid conjugates of gemcitabine. <i>Drug Development Research</i> , 2010 , 71, 294-302 | 5.1 | 6 |
| 72 | New Amphiphilic Conjugates of Mono- and Bis(carboxy)-PEG2,000 Polymers with Lipoamino Acids as Surface Modifiers of Colloidal Drug Carriers. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 1148-1156 | 2.6 | 13 |
| 71 | Chitosan glutamate hydrogels with local anesthetic activity for buccal application. <i>Drug Delivery</i> , 2009 , 16, 176-81 | 7 | 25 |
| 70 | TCP-FA4: a derivative of tranlycypromine showing improved blood-brain permeability. <i>Biochemical Pharmacology</i> , 2009 , 78, 1412-7 | 6 | 9 |
| 69 | Poly(3-hydroxybutyrate-co-epsilon-caprolactone) copolymers and poly(3-hydroxybutyrate-co-3-hydroxyvalerate-co-epsilon-caprolactone) terpolymers as novel materials for colloidal drug delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 37, 451-62 | 5.1 | 19 |
| 68 | A novel biomaterial for osteotropic drug nanocarriers: synthesis and biocompatibility evaluation of a PLGA-ALE conjugate. <i>Nanomedicine</i> , 2009 , 4, 161-75 | 5.6 | 51 |
| 67 | Lipoamino acid prodrugs of paclitaxel: synthesis and cytotoxicity evaluation on human anaplastic thyroid carcinoma cells. <i>Current Cancer Drug Targets</i> , 2009 , 9, 202-13 | 2.8 | 19 |
| 66 | Paclitaxel loading in PLGA nanospheres affected the in vitro drug cell accumulation and antiproliferative activity. <i>BMC Cancer</i> , 2008 , 8, 212 | 4.8 | 26 |
| 65 | Development of a liposome formulation for D-cycloserine local delivery. <i>Journal of Liposome Research</i> , 2008 , 18, 211-24 | 6.1 | 9 |
| 64 | Flurbiprofen derivatives in Alzheimer's disease: synthesis, pharmacokinetic and biological assessment of lipoamino acid prodrugs. <i>Bioconjugate Chemistry</i> , 2008 , 19, 349-57 | 6.3 | 22 |
| 63 | Biocompatibility of poly(D,L-lactide-co-glycolide) nanoparticles conjugated with alendronate. <i>Biomaterials</i> , 2008 , 29, 1400-11 | 15.6 | 111 |
| 62 | Effect of variation in the chain length and number in modulating the interaction of an immunogenic lipopeptide with biomembrane models. <i>Thermochimica Acta</i> , 2008 , 471, 14-19 | 2.9 | 5 |
| 61 | Effect of Lipophilicity of Dispersed Drugs on the Physicochemical and Technological Properties of Solid Lipid Nanoparticles. <i>Open Drug Delivery Journal</i> , 2008 , 2, 26-32 | | 7 |
| 60 | Solid Dispersions of Chitosan Glutamate for the Local Delivery of Miconazole: Characterization and In Vitro Activity. <i>Open Drug Delivery Journal</i> , 2008 , 2, 44-51 | | 5 |
| 59 | Evaluation of cell tolerability of a series of lipoamino acids using biological membranes and a biomembrane model. <i>Current Drug Delivery</i> , 2007 , 4, 109-21 | 3.2 | 10 |

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| 58 | Dexamethasone sodium phosphate-loaded Chitosan based delivery systems for buccal application. <i>Journal of Drug Targeting</i> , 2007 , 15, 603-10 | 5.4 | 16 |
| 57 | Conjugation of thymopentin (TP5) with lipoamino acid residues increases the hydrolytic stability and preserves the biological activity. <i>Die Pharmazie</i> , 2007 , 62, 663-7 | 1.5 | 10 |
| 56 | Enhancement of availability of cloricromene at brain level by a lipophilic prodrug. <i>Journal of Pharmacy and Pharmacology</i> , 2006 , 58, 1001-5 | 4.8 | 3 |
| 55 | Technological and Biological Characterization of Idebenone-Loaded Solid Lipid Nanoparticles Prepared by a Modified Solvent Injection Technique. <i>Journal of Biomedical Nanotechnology</i> , 2006 , 2, 253-270 | 4.7 | 13 |
| 54 | Lyoprotected nanosphere formulations for paclitaxel controlled delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3118-25 | 1.3 | 32 |
| 53 | Physico-chemical characterization of disoxaril-dimethyl-beta-cyclodextrin inclusion complex and in vitro permeation studies. <i>European Journal of Medicinal Chemistry</i> , 2006 , 41, 233-40 | 6.8 | 34 |
| 52 | Enhancement of drug affinity for cell membranes by conjugation with lipoamino acids II. Experimental and computational evidence using biomembrane models. <i>International Journal of Pharmaceutics</i> , 2006 , 310, 53-63 | 6.5 | 24 |
| 51 | PLA/PLGA nanoparticles for sustained release of docetaxel. <i>International Journal of Pharmaceutics</i> , 2006 , 325, 172-9 | 6.5 | 331 |
| 50 | A calorimetric evaluation of the interaction of amphiphilic prodrugs of idebenone with a biomembrane model. <i>Journal of Colloid and Interface Science</i> , 2006 , 299, 626-35 | 9.3 | 18 |
| 49 | Preparation and characterization of eudragit retard nanosuspensions for the ocular delivery of cloricromene. <i>AAPS PharmSciTech</i> , 2006 , 7, E27 | 3.9 | 68 |
| 48 | Molecular properties of flurbiprofen and its solid dispersions with Eudragit RL100 studied by high- and low-resolution solid-state nuclear magnetic resonance. <i>Pharmaceutical Research</i> , 2006 , 23, 2129-40 | 4.5 | 22 |
| 47 | Lipophilic conjugates of methotrexate with glucosyl-lipoamino acids: calorimetric study of the interaction with a biomembrane model. <i>Thermochimica Acta</i> , 2005 , 426, 163-171 | 2.9 | 3 |
| 46 | Enhancement of drug affinity for cell membranes by conjugation with lipoamino acids. I. Synthesis and biological evaluation of lipophilic conjugates of tranilcypromine. <i>European Journal of Medicinal Chemistry</i> , 2005 , 40, 1074-9 | 6.8 | 9 |
| 45 | Molecular properties of ibuprofen and its solid dispersions with Eudragit RL100 studied by solid-state nuclear magnetic resonance. <i>Pharmaceutical Research</i> , 2005 , 22, 1544-55 | 4.5 | 71 |
| 44 | Synthesis and in vitro skin permeation of naproxen conjugates with alpha-alkylamino acids. <i>Current Drug Delivery</i> , 2005 , 2, 185-9 | 3.2 | 3 |
| 43 | Eudragit RL100 nanoparticle system for the ophthalmic delivery of cloricromene. <i>Journal of Pharmacy and Pharmacology</i> , 2004 , 56, 841-6 | 4.8 | 42 |
| 42 | Lipophilic conjugates of methotrexate with short-chain alkylamino acids as DHFR inhibitors. Synthesis, biological evaluation, and molecular modeling. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 2951-64 | 3.4 | 33 |
| 41 | Characterization of the mechanism of interaction in ibuprofen-Eudragit RL100 coevaporates. <i>Drug Development and Industrial Pharmacy</i> , 2004 , 30, 277-88 | 3.6 | 21 |

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|----|--|------|-----|
| 40 | Chemical and enzymatic stability evaluation of lipoamino acid esters of idebenone. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004 , 57, 343-6 | 5.7 | 6 |
| 39 | Eudragit as controlled release system for anti-inflammatory drugs: A comparison between DSC and dialysis experiments. <i>Thermochimica Acta</i> , 2003 , 400, 227-234 | 2.9 | 10 |
| 38 | Effect of liposomal delivery on in vitro antitumor activity of lipophilic conjugates of methotrexate with lipoamino acids. <i>Drug Delivery</i> , 2003 , 10, 95-100 | 7 | 15 |
| 37 | Eudragit RS100 nanosuspensions for the ophthalmic controlled delivery of ibuprofen. <i>European Journal of Pharmaceutical Sciences</i> , 2002 , 16, 53-61 | 5.1 | 263 |
| 36 | Ocular tolerability of Eudragit RS100 and RL100 nanosuspensions as carriers for ophthalmic controlled drug delivery. <i>Journal of Pharmaceutical Sciences</i> , 2002 , 91, 2636-41 | 3.9 | 64 |
| 35 | Cloricromene conjugates with short-chain alkylamino acids: synthesis and biological evaluation. <i>Drug Development Research</i> , 2002 , 57, 115-121 | 5.1 | 4 |
| 34 | Flurbiprofen-loaded acrylate polymer nanosuspensions for ophthalmic application. <i>Biomaterials</i> , 2002 , 23, 3247-55 | 15.6 | 200 |
| 33 | Flurbiprofen release from Eudragit RS and RL aqueous nanosuspensions: a kinetic study by DSC and dialysis experiments. <i>AAPS PharmSciTech</i> , 2002 , 3, E9 | 3.9 | 17 |
| 32 | Preparation of solid dispersions of nonsteroidal anti-inflammatory drugs with acrylic polymers and studies on mechanisms of drug-polymer interactions. <i>AAPS PharmSciTech</i> , 2002 , 3, E10 | 3.9 | 67 |
| 31 | Enhanced ocular anti-inflammatory activity of ibuprofen carried by an Eudragit RS100 nanoparticle suspension. <i>Ophthalmic Research</i> , 2002 , 34, 319-23 | 2.9 | 68 |
| 30 | Crystallographic, NMR and ab initio calculation studies of tautomerism among substituted dihydrothiazol-2-ylhydrazones. <i>Perkin Transactions II RSC</i> , 2002 , 1012-1016 | | 2 |
| 29 | Preparation, characterisation and photosensitivity studies of solid dispersions of diflunisal and Eudragit RS100 and RL100. <i>International Journal of Pharmaceutics</i> , 2001 , 218, 27-42 | 6.5 | 51 |
| 28 | Structural effects of lipophilic methotrexate conjugates on model phospholipid biomembranes. <i>Thermochimica Acta</i> , 2001 , 380, 255-264 | 2.9 | 16 |
| 27 | Lipophilic methotrexate conjugates with glucose-lipoamino acid moieties: Synthesis and in vitro antitumor activity. <i>Drug Development Research</i> , 2001 , 52, 454-461 | 5.1 | 11 |
| 26 | Effect of pH on diclofenac release from Eudragit RS100 microparticles. A kinetic study by DSC. <i>Drug Delivery</i> , 2001 , 8, 173-7 | 7 | 11 |
| 25 | Preparation and analgesic activity of Eudragit RS100 microparticles containing diflunisal. <i>Drug Delivery</i> , 2001 , 8, 35-45 | 7 | 46 |
| 24 | Lipophilic methotrexate conjugates with antitumor activity. <i>European Journal of Pharmaceutical Sciences</i> , 2000 , 10, 237-45 | 5.1 | 39 |
| 23 | In vitro release kinetics of Tolmetin from tableted Eudragit microparticles. <i>Journal of Microencapsulation</i> , 2000 , 17, 373-83 | 3.4 | 28 |

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|----|--|-----|----|
| 22 | Lipophilicity evaluation by RP-HPLC of two homologous series of methotrexate derivatives. <i>Pharmaceutica Acta Helvetica</i> , 2000 , 74, 405-10 | | 2 |
| 21 | Aliphatic β -bis(Amides) of Methotrexate. Influence of Chain Length on In-vitro Activity Against Sensitive and Resistant Tumour Cells. <i>Pharmacy and Pharmacology Communications</i> , 1999 , 5, 299-305 | | 29 |
| 20 | Lipoamino acid conjugates of methotrexate with antitumor activity. <i>Journal of Pharmaceutical Sciences</i> , 1998 , 87, 367-71 | 3.9 | 23 |
| 19 | Synthesis of methotrexate β -bis(amides) and correlation of thermotropic and DPPC biomembrane interaction parameters with their anticancer activity. <i>Drug Development Research</i> , 1998 , 44, 62-69 | 5.1 | 8 |
| 18 | Preparation of liposome formulations containing immunomodulatory peptides. <i>Pharmaceutica Acta Helvetica</i> , 1997 , 72, 1-10 | | 5 |
| 17 | Interaction of monoamine oxidase inhibitors with dipalmitoyl phosphatidylcholine liposomes. A comparison between structure and calorimetric data. <i>Thermochimica Acta</i> , 1997 , 302, 143-150 | 2.9 | 7 |
| 16 | Structure-activity studies on monoamine oxidase inhibitors by calorimetric and quantum mechanical calculations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1996 , 10, 215-229 | | 5 |
| 15 | Synthesis and preliminary in vitro screening of lipophilic alpha, gamma-bis(amides) as potential prodrugs of methotrexate. <i>Anti-cancer Drug Design</i> , 1996 , 11, 253-64 | | 3 |
| 14 | Calorimetric Study on the Synthetic Pentapeptide Thymopentin Interaction with Phospholipid Membranes: Effect of Stearylamine and pH. <i>Journal of Colloid and Interface Science</i> , 1995 , 175, 289-292 | 9.3 | 3 |
| 13 | Correlation between monoamino oxidase inhibitor activity of some thiazol-2-ylhydrazines and their interaction with dipalmitoylphosphatidylcholine liposomes. <i>Journal of Pharmaceutical Sciences</i> , 1994 , 83, 362-6 | 3.9 | 5 |
| 12 | Schiff bases of N-hydroxy-N'-aminoguanidines as antiviral, antibacterial and anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 1994 , 29, 781-785 | 6.8 | 55 |
| 11 | MAOI activity of thiosemicarbazides and related 2-thiazolyhydrazines. <i>Die Pharmazie</i> , 1994 , 49, 272-6 | 1.5 | 12 |
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| 9 | Use of liposomes as carriers for immunomodulatory polypeptides: Studies on thymostimulin encapsulation and retention. <i>International Journal of Pharmaceutics</i> , 1992 , 80, 93-100 | 6.5 | 3 |
| 8 | MAOI activity of some novel series of substituted thiazol-2-yl-hydrazines. <i>Die Pharmazie</i> , 1992 , 47, 902-10.5 | | 15 |
| 7 | Enhancement of 4-biphenylacetic acid bioavailability in rats by its beta-cyclodextrin complex after oral administration. <i>Journal of Pharmacy and Pharmacology</i> , 1991 , 43, 430-2 | 4.8 | 13 |
| 6 | Synthesis and biological evaluation of thiazolo-triazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 1991 , 26, 929-938 | 6.8 | 52 |
| 5 | Inclusion Complexation of 4-Biphenylacetic Acid with β -Cyclodextrin. <i>Drug Development and Industrial Pharmacy</i> , 1990 , 16, 395-413 | 3.6 | 23 |

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