

Shashank Reddy Pinnapireddy

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

4,279
citations

136950

32
h-index

123424

61
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113
all docs

113
docs citations

113
times ranked

5419
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Photodynamic and antiangiogenic activities of parietin liposomes in triple negative breast cancer. <i>Materials Science and Engineering C</i> , 2022, 134, 112543. | 7.3 | 13 |
| 2 | Parietin Cyclodextrin-Inclusion Complex as an Effective Formulation for Bacterial Photoinactivation. <i>Pharmaceutics</i> , 2022, 14, 357. | 4.5 | 14 |
| 3 | PEGylated Chitosan Nanoparticles Encapsulating Ascorbic Acid and Oxaliplatin Exhibit Dramatic Apoptotic Effects against Breast Cancer Cells. <i>Pharmaceutics</i> , 2022, 14, 407. | 4.5 | 30 |
| 4 | Cucumber-Derived Exosome-like Vesicles and Plant Crystals for Improved Dermal Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 476. | 4.5 | 20 |
| 5 | Investigating 3R In Vivo Approaches for Bio-Distribution and Efficacy Evaluation of Nucleic Acid Nanocarriers: Studies on Peptide-Mimicking Ionizable Lipid. <i>Small</i> , 2022, , 2107768. | 10.0 | 1 |
| 6 | Thermoresponsive Liposomes for Photo-Triggered Release of Hypericin Cyclodextrin Inclusion Complex for Efficient Antimicrobial Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31525-31540. | 8.0 | 15 |
| 7 | Co-delivery of carbonic anhydrase IX inhibitor and doxorubicin as a promising approach to address hypoxia-induced chemoresistance. <i>Drug Delivery</i> , 2022, 29, 2072-2085. | 5.7 | 1 |
| 8 | Hair follicle targeting with curcumin nanocrystals: Influence of the formulation properties on the penetration efficacy. <i>Journal of Controlled Release</i> , 2021, 329, 598-613. | 9.9 | 49 |
| 9 | ADAM 8 as a novel target for doxorubicin delivery to TNBC cells using magnetic thermosensitive liposomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 390-400. | 4.3 | 21 |
| 10 | Dermal Penetration Analysis of Curcumin in an ex vivo Porcine Ear Model Using Epifluorescence Microscopy and Digital Image Processing. <i>Skin Pharmacology and Physiology</i> , 2021, 34, 281-299. | 2.5 | 19 |
| 11 | Lipoparticles for Synergistic Chemo-Photodynamic Therapy to Ovarian Carcinoma Cells: In vitro and in vivo Assessments. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 951-976. | 6.7 | 19 |
| 12 | The chorioallantoic membrane as a bio-barrier model for the evaluation of nanoscale drug delivery systems for tumour therapy. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 317-336. | 13.7 | 17 |
| 13 | Enhanced efficacy and drug delivery with lipid coated mesoporous silica nanoparticles in cancer therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 31-40. | 4.3 | 41 |
| 14 | Improvement of Pulmonary Photodynamic Therapy: Nebulisation of Curcumin-Loaded Tetraether Liposomes. <i>Pharmaceutics</i> , 2021, 13, 1243. | 4.5 | 16 |
| 15 | Ultrasound-Responsive Smart Drug Delivery System of Lipid Coated Mesoporous Silica Nanoparticles. <i>Pharmaceutics</i> , 2021, 13, 1396. | 4.5 | 17 |
| 16 | Chitosan-Coated PLGA Nanoparticles Loaded with Peganum harmala Alkaloids with Promising Antibacterial and Wound Healing Activities. <i>Nanomaterials</i> , 2021, 11, 2438. | 4.1 | 32 |
| 17 | Surface tailored zein as a novel delivery system for hypericin: Application in photodynamic therapy. <i>Materials Science and Engineering C</i> , 2021, 129, 112420. | 7.3 | 15 |
| 18 | Thermosensitive liposomes encapsulating hypericin: Characterization and photodynamic efficiency. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121195. | 5.2 | 18 |

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|----|--|-----|-----------|
| 19 | <i>In Ovo</i> Testing Method for Inhalants on a Chorio-Allantoic Membrane. ACS Applied Bio Materials, 2021, 4, 7764-7768. | 4.6 | 7 |
| 20 | Comparison of Tanaka lipid mixture with natural surfactant Alveofact to study nanoparticle interactions on Langmuir film balance. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110750. | 5.0 | 7 |
| 21 | A triple chain polycationic peptide-mimicking amphiphile " efficient DNA-transfer without co-lipids. Biomaterials Science, 2020, 8, 232-249. | 5.4 | 3 |
| 22 | Targeted ErbB3 cancer therapy: A synergistic approach to effectively combat cancer. International Journal of Pharmaceutics, 2020, 575, 118961. | 5.2 | 7 |
| 23 | Photodynamic inactivation of circulating tumor cells: An innovative approach against metastatic cancer. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 157, 38-46. | 4.3 | 11 |
| 24 | Contact-Triggered Lipofection from Multilayer Films Designed as Surfaces for in Situ Transfection Strategies in Tissue Engineering. ACS Applied Materials & Interfaces, 2020, 12, 8963-8977. | 8.0 | 19 |
| 25 | Sensitivity of Papilloma Virus-Associated Cell Lines to Photodynamic Therapy with Curcumin-Loaded Liposomes. Cancers, 2020, 12, 3278. | 3.7 | 25 |
| 26 | Potent Cytotoxicity of Four Cameroonian Plant Extracts on Different Cancer Cell Lines. Pharmaceutics, 2020, 13, 357. | 3.8 | 21 |
| 27 | Downregulation of MDR 1 gene contributes to tyrosine kinase inhibitor induce apoptosis and reduction in tumor metastasis: A gravity to space investigation. International Journal of Pharmaceutics, 2020, 591, 119993. | 5.2 | 14 |
| 28 | Efficient Transfection of Large Plasmids Encoding HIV-1 into Human Cells" A High Potential Transfection System Based on a Peptide Mimicking Cationic Lipid. Pharmaceutics, 2020, 12, 805. | 4.5 | 2 |
| 29 | Development and Characterization of Ultrasound Activated Lipopolyplexes for Enhanced Transfection by Low Frequency Ultrasound in In Vitro Tumor Model. Macromolecular Bioscience, 2020, 20, e2000173. | 4.1 | 5 |
| 30 | Lipodendriplexes mediated enhanced gene delivery: a cellular to pre-clinical investigation. Scientific Reports, 2020, 10, 21446. | 3.3 | 18 |
| 31 | Biocompatible indocyanine green loaded PLA nanofibers for in situ antimicrobial photodynamic therapy. Materials Science and Engineering C, 2020, 115, 111068. | 7.3 | 25 |
| 32 | Magnetic resonance activatable thermosensitive liposomes for controlled doxorubicin delivery. Materials Science and Engineering C, 2020, 115, 111116. | 7.3 | 17 |
| 33 | Wavelength dependent photo-cytotoxicity to ovarian carcinoma cells using temoporfin loaded tetraether liposomes as efficient drug delivery system. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 150, 50-65. | 4.3 | 24 |
| 34 | Elasticity and phase behaviour of biomimetic membrane systems containing tetraether archaeal lipids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 601, 124974. | 4.7 | 9 |
| 35 | Establishment of a Synthetic <i>In Vitro</i> Lung Surfactant Model for Particle Interaction Studies on a Langmuir Film Balance. Langmuir, 2020, 36, 4808-4819. | 3.5 | 12 |
| 36 | Spray dried curcumin loaded nanoparticles for antimicrobial photodynamic therapy. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 531-539. | 4.3 | 35 |

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|----|--|-----|-----------|
| 37 | The Use of Artificial Gel Forming Bolalipids as Novel Formulations in Antimicrobial and Antifungal Therapy. <i>Pharmaceutics</i> , 2019, 11, 307. | 4.5 | 15 |
| 38 | Nucleic acid carrier composed of a branched fatty acid lysine conjugateâ€™Interaction studies with blood components. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110547. | 5.0 | 7 |
| 39 | Selective anti-ErbB3 aptamer modified sorafenib microparticles: In vitro and in vivo toxicity assessment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 145, 42-53. | 4.3 | 14 |
| 40 | Hypericin inclusion complexes encapsulated in liposomes for antimicrobial photodynamic therapy. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118666. | 5.2 | 36 |
| 41 | In situ intravenous photodynamic therapy for the systemic eradication of blood stream infections. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 304-308. | 2.9 | 13 |
| 42 | Photodynamic therapy â€™ hypericin tetraether liposome conjugates and their antitumor and antiangiogenic activity. <i>Drug Delivery</i> , 2019, 26, 23-33. | 5.7 | 70 |
| 43 | Synergistic effects of ultrasound and photodynamic therapy leading to biofilm eradication on polyurethane catheter surfaces modified with hypericin nanoformulations. <i>Materials Science and Engineering C</i> , 2019, 103, 109749. | 7.3 | 16 |
| 44 | Photodynamic Therapy of Ovarian Carcinoma Cells with Curcumin-Loaded Biodegradable Polymeric Nanoparticles. <i>Pharmaceutics</i> , 2019, 11, 282. | 4.5 | 72 |
| 45 | Curcumin loaded nanoparticles as efficient photoactive formulations against gram-positive and gram-negative bacteria. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 178, 460-468. | 5.0 | 66 |
| 46 | Glycosylated Artificial Virus-Like Hybrid Vectors for Advanced Gene Delivery. <i>Polymers</i> , 2019, 11, 243. | 4.5 | 8 |
| 47 | Nano spray dried antibacterial coatings for dental implants. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 139, 59-67. | 4.3 | 31 |
| 48 | Development of inhalable curcumin loaded Nano-in-Microparticles for bronchoscopic photodynamic therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 132, 63-71. | 4.0 | 30 |
| 49 | Lipodendriplexes: A promising nanocarrier for enhanced gene delivery with minimal cytotoxicity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 135, 72-82. | 4.3 | 29 |
| 50 | Poly(d,l-lactide)/polyethylene glycol micro/nanofiber mats as paclitaxel-eluting carriers: preparation and characterization of fibers, in vitro drug release, antiangiogenic activity and tumor recurrence prevention. <i>Materials Science and Engineering C</i> , 2019, 98, 982-993. | 7.3 | 23 |
| 51 | Overcoming the polycation dilemma â€™ Explorative studies to characterise the efficiency and biocompatibility of newly designed lipofection reagents. <i>International Journal of Pharmaceutics</i> , 2018, 541, 81-92. | 5.2 | 11 |
| 52 | Hypericin Loaded Liposomes for Antiâ€™Microbial Photodynamic Therapy of Gramâ€™Positive Bacteria. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700837. | 1.8 | 23 |
| 53 | Multilayer Bacteriostatic Coating for Surface Modified Titanium Implants. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700844. | 1.8 | 11 |
| 54 | The application of STEP-technologyÂ® for particle and protein dispersion detection studies in biopharmaceutical research. <i>International Journal of Pharmaceutics</i> , 2018, 543, 257-268. | 5.2 | 12 |

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|----|--|------|-----------|
| 55 | Nanoparticles and Liposomes for the Surface Modification of Implants: A Comparative Study of Spraying and Dipping Techniques. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700847. | 1.8 | 5 |
| 56 | Low level LED photodynamic therapy using curcumin loaded tetraether liposomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 126, 233-241. | 4.3 | 63 |
| 57 | Lipid coated chitosan-DNA nanoparticles for enhanced gene delivery. <i>International Journal of Pharmaceutics</i> , 2018, 535, 473-479. | 5.2 | 92 |
| 58 | Preparation and Characterization of Curcumin Loaded Chitosan Nanoparticles for Photodynamic Therapy. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700709. | 1.8 | 35 |
| 59 | Indocyanine Green Loaded PLGA Film Coated Coronary Stents for Photo-Triggered in situ Biofilm Eradication. <i>Colloids and Interface Science Communications</i> , 2018, 27, 35-39. | 4.1 | 10 |
| 60 | Nano spray drying: A novel technique to prepare well-defined surface coatings for medical implants. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 145-151. | 3.0 | 14 |
| 61 | Immobilization and characterization of PLGA nanoparticles on polyethylene terephthalate cardiovascular grafts for local drug therapy of associated graft complications. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 144-150. | 3.0 | 8 |
| 62 | Resuspendable Powders of Lyophilized Chalcogen Particles with Activity against Microorganisms. <i>Antioxidants</i> , 2018, 7, 23. | 5.1 | 17 |
| 63 | Stabilized tetraether lipids based particles guided porphyrins photodynamic therapy. <i>Drug Delivery</i> , 2018, 25, 1526-1536. | 5.7 | 14 |
| 64 | Real-time, label-free monitoring of cell viability based on cell adhesion measurements with an atomic force microscope. <i>Journal of Nanobiotechnology</i> , 2017, 15, 23. | 9.1 | 17 |
| 65 | Composite liposome-PEI/nucleic acid lipopolyplexes for safe and efficient gene delivery and gene knockdown. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 93-101. | 5.0 | 78 |
| 66 | Fast therapeutic DNA internalization – A high potential transfection system based on a peptide mimicking cationic lipid. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 118, 38-47. | 4.3 | 8 |
| 67 | Malonic acid based cationic lipids – The way to highly efficient DNA-carriers. <i>Advances in Colloid and Interface Science</i> , 2017, 248, 20-34. | 14.7 | 17 |
| 68 | Antibacterial and anti-encrustation biodegradable polymer coating for urinary catheter. <i>International Journal of Pharmaceutics</i> , 2017, 531, 205-214. | 5.2 | 58 |
| 69 | Aspherical, Nanostructured Microparticles for Targeted Gene Delivery to Alveolar Macrophages. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700478. | 7.6 | 21 |
| 70 | Development of expanded polytetrafluoroethylene cardiovascular graft platform based on immobilization of poly lactic- co -glycolic acid nanoparticles using a wet chemical modification technique. <i>International Journal of Pharmaceutics</i> , 2017, 529, 238-244. | 5.2 | 22 |
| 71 | Liposome-polyethylenimine complexes (DPPC-PEI lipopolyplexes) for therapeutic siRNA delivery in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 209-218. | 3.3 | 55 |
| 72 | Transfection Studies with Colloidal Systems Containing Highly Purified Bipolar Tetraether Lipids from <i>Sulfolobus acidocaldarius</i> . <i>Archaea</i> , 2017, 2017, 1-12. | 2.3 | 21 |

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|----|--|------|-----------|
| 73 | Photo-responsive tetraether lipids based vesicles for prophyrin mediated vascular targeting and direct phototherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 720-728. | 5.0 | 18 |
| 74 | Photo-Enhanced Delivery of Genetic Material Using Curcumin Loaded Composite Nanocarriers. , 2017, 2, . | | 3 |
| 75 | Structures of malonic acid diamide/phospholipid composites and their lipoplexes. <i>Soft Matter</i> , 2016, 12, 5854-5866. | 2.7 | 15 |
| 76 | Thrombinâ€inhibiting Anticoagulant Liposomes: Development and Characterization. <i>ChemMedChem</i> , 2016, 11, 340-349. | 3.2 | 6 |
| 77 | Covalent immobilization of lysozyme onto woven and knitted crimped polyethylene terephthalate grafts to minimize the adhesion of broad spectrum pathogens. <i>Materials Science and Engineering C</i> , 2016, 58, 78-87. | 7.3 | 29 |
| 78 | A Novel Microparticulate Formulation with Allicin In Situ Synthesis. <i>Journal of Pharmaceutics & Drug Delivery Research</i> , 2016, 05, . | 0.0 | 8 |
| 79 | Bipolar tetraether lipids derived from thermoacidophilic archaeon <i>Sulfolobus acidocaldarius</i> for membrane stabilization of chlorin e6 based liposomes for photodynamic therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 95, 88-98. | 4.3 | 53 |
| 80 | Multifunctional network-structured film coating for woven and knitted polyethylene terephthalate against cardiovascular graft-associated infections. <i>International Journal of Pharmaceutics</i> , 2015, 485, 270-276. | 5.2 | 15 |
| 81 | Investigation of Binary Lipid Mixtures of a Three-Chain Cationic Lipid with Phospholipids Suitable for Gene Delivery. <i>Bioconjugate Chemistry</i> , 2015, 26, 2461-2473. | 3.6 | 14 |
| 82 | Storage stability of optimal liposomeâ€polyethylenimine complexes (lipopolyplexes) for DNA or siRNA delivery. <i>Acta Biomaterialia</i> , 2014, 10, 2663-2673. | 8.3 | 65 |
| 83 | Correlation of structure and echogenicity of nanoscaled ultrasound contrast agents in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 206-215. | 5.0 | 15 |
| 84 | A chorioallantoic membrane model for the determination of anti-angiogenic effects of imatinib. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 711-715. | 4.3 | 19 |
| 85 | Nanostructured medical device coatings based on self-assembled poly(lactic-co-glycolic acid) nanoparticles. <i>Materials Science and Engineering C</i> , 2013, 33, 3018-3024. | 7.3 | 7 |
| 86 | The chorioallantoic membrane assay is a promising ex vivo model system for the study of vascular anomalies. <i>In Vivo</i> , 2013, 27, 701-5. | 1.3 | 5 |
| 87 | Atomic Force Microscopy and Analytical Ultracentrifugation for Probing Nanomaterial Protein Interactions. <i>ACS Nano</i> , 2012, 6, 4603-4614. | 14.6 | 69 |
| 88 | Development and characterization of new nanoscaled ultrasound active lipid dispersions as contrast agents. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 430-437. | 4.3 | 57 |
| 89 | Methotrexate-Loaded Chitosan- and Glycolchitosan-Based Nanoparticles: A Promising Strategy for the Administration of the Anticancer Drug to Brain Tumors. <i>AAPS PharmSciTech</i> , 2011, 12, 1302-1311. | 3.3 | 61 |
| 90 | A novel method for designing nanostructured polymer surfaces for reduced bacteria adhesion. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 1279-1283. | 1.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 91 | Lipid coated chitosan microparticles as protein carriers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 1978-1984. | 0.8 | 3 |
| 92 | Selective interactions of concanavalin A-modified tetraether lipid liposomes. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 1985-1989. | 0.8 | 5 |
| 93 | Biophysical investigation of pulmonary surfactant surface properties upon contact with polymeric nanoparticles in vitro. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 341-350. | 3.3 | 97 |
| 94 | Liposome-polyethylenimine complexes for enhanced DNA and siRNA delivery. <i>Biomaterials</i> , 2010, 31, 6892-6900. | 11.4 | 183 |
| 95 | A functional immobilization of semiconductor nanoparticles (quantum dots) on nanoporous aluminium oxide. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 872-877. | 1.8 | 7 |
| 96 | Utilising atomic force microscopy for the characterisation of nanoscale drug delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 2-13. | 4.3 | 152 |
| 97 | The potential of glycol chitosan nanoparticles as carrier for low water soluble drugs. <i>International Journal of Pharmaceutics</i> , 2009, 375, 97-106. | 5.2 | 106 |
| 98 | Gene delivery using chitosan, trimethyl chitosan or polyethyleneglycol-graft-trimethyl chitosan block copolymers: Establishment of structure-activity relationships in vitro. <i>Journal of Controlled Release</i> , 2008, 125, 145-154. | 9.9 | 229 |
| 99 | Charged nanoparticles as protein delivery systems: A feasibility study using lysozyme as model protein. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 31-42. | 4.3 | 84 |
| 100 | Adhesion characteristics and stability assessment of lectin-modified liposomes for site-specific drug delivery. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 242-249. | 2.6 | 60 |
| 101 | Poly(vinyl alcohol)-graft-poly(lactide-co-glycolide) nanoparticles for local delivery of paclitaxel for restenosis treatment. <i>Journal of Controlled Release</i> , 2007, 119, 41-51. | 9.9 | 114 |
| 102 | The in vitro stability of air-filled polybutylcyanoacrylate microparticles. <i>Biomaterials</i> , 2006, 27, 3549-59. | 11.4 | 15 |
| 103 | A low molecular weight fraction of polyethylenimine (PEI) displays increased transfection efficiency of DNA and siRNA in fresh or lyophilized complexes. <i>Journal of Controlled Release</i> , 2006, 112, 257-270. | 9.9 | 265 |
| 104 | Self-Assembled Polyelectrolyte Nanocomplexes between Chitosan Derivatives and Insulin. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 1035-1048. | 3.3 | 161 |
| 105 | The Influence of Physicochemical Parameters on the Efficacy of Non-Viral DNA Transfection Complexes: A Comparative Study. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2776-2782. | 0.9 | 34 |
| 106 | Preparation and characterization of chitosan and trimethyl-chitosanmodified poly-(μ -caprolactone) nanoparticles as DNA carriers. <i>AAPS PharmSciTech</i> , 2005, 6, E22-E30. | 3.3 | 53 |
| 107 | Nonbilayer phase of lipoplex membrane mixture determines endosomal escape of genetic cargo and transfection efficiency. <i>Molecular Therapy</i> , 2005, 11, 801-810. | 8.2 | 220 |
| 108 | Transfection with different colloidal systems: comparison of solid lipid nanoparticles and liposomes. <i>Journal of Controlled Release</i> , 2004, 97, 321-332. | 9.9 | 110 |

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|-----|--|-----|-----------|
| 109 | Cooperation between Lateral Ligand Mobility and Accessibility for Receptor Recognition in Selectin-Induced Cell Rolling,. <i>Biochemistry</i> , 2002, 41, 4704-4712. | 2.5 | 17 |
| 110 | Interference of serum with lipoplexâ€“cell interaction: modulation of intracellular processing. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1560, 25-36. | 2.6 | 75 |
| 111 | Phase Behavior of Cationic Amphiphiles and Their Mixtures with Helper Lipid Influences Lipoplex Shape, DNA Translocation, and Transfection Efficiency. <i>Biophysical Journal</i> , 2002, 83, 2096-2108. | 0.5 | 119 |
| 112 | Characterization of the interactions between various hexadecylmannosideâ€“phospholipid model membranes with the lectin Concanavalin A. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 4609-4614. | 2.8 | 24 |
| 113 | A New Drug Vehicle - Lipid Coated Biodegradable Nanoparticles. <i>Advances in Science and Technology</i> , 0, , . | 0.2 | 15 |