

# Lian-dong Deng

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/433741/lian-dong-deng-publications-by-citations.pdf>  
**Version:** 2024-04-11

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

|                    |                         |                |                 |
|--------------------|-------------------------|----------------|-----------------|
| 106<br>papers      | 2,696<br>citations      | 29<br>h-index  | 46<br>g-index   |
| 111<br>ext. papers | 3,082<br>ext. citations | 5.9<br>avg, IF | 5.07<br>L-index |

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 106 | Composites of Polymer Hydrogels and Nanoparticulate Systems for Biomedical and Pharmaceutical Applications. <i>Nanomaterials</i> , <b>2015</b> , 5, 2054-2130   | 5.4  | 221       |
| 105 | PEG-b-PCL copolymer micelles with the ability of pH-controlled negative-to-positive charge reversal for intracellular delivery of doxorubicin. <i>Biomacromolecules</i> , <b>2014</b> , 15, 4281-92   | 6.9  | 145       |
| 104 | Poly( $\epsilon$ -caprolactone)-graft-poly(2-(N, N-dimethylamino) ethyl methacrylate) nanoparticles: pH dependent thermo-sensitive multifunctional carriers for gene and drug delivery. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 6935                  |      | 86        |
| 103 | Ternary complexes of amphiphilic polycaprolactone-graft-poly (N,N-dimethylaminoethyl methacrylate), DNA and polyglutamic acid-graft-poly(ethylene glycol) for gene delivery. <i>Biomaterials</i> , <b>2011</b> , 32, 4283-92  | 15.6 | 76        |
| 102 | Poly(ethyleneglycol)-b-poly( $\epsilon$ -caprolactone-co- $\delta$ -hydroxyl- $\epsilon$ -caprolactone) bearing pendant hydroxyl groups as nanocarriers for doxorubicin delivery. <i>Biomacromolecules</i> , <b>2012</b> , 13, 3301-10                                  | 6.9  | 73        |
| 101 | Adjustable degradation and drug release of a thermosensitive hydrogel based on a pendant cyclic ether modified poly( $\epsilon$ -caprolactone) and poly(ethylene glycol)co-polymer. <i>Acta Biomaterialia</i> , <b>2012</b> , 8, 3963-73                                | 10.8 | 66        |
| 100 | Bioadhesive film formed from a novel organic-inorganic hybrid gel for transdermal drug delivery system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2011</b> , 79, 574-83  | 5.7  | 66        |
| 99  | DOX/ICG Coencapsulated Liposome-Coated Thermosensitive Nanogels for NIR-Triggered Simultaneous Drug Release and Photothermal Effect. <i>ACS Biomaterials Science and Engineering</i> , <b>2018</b> , 4, 2424-2434   | 5.5  | 64        |
| 98  | pH-Sensitive Nanomicelles for High-Efficiency siRNA Delivery in Vitro and in Vivo: An Insight into the Design of Polycations with Robust Cytosolic Release. <i>Nano Letters</i> , <b>2016</b> , 16, 6916-6923   | 11.5 | 63        |
| 97  | Balancing the stability and drug release of polymer micelles by the coordination of dual-sensitive cleavable bonds in cross-linked core. <i>Acta Biomaterialia</i> , <b>2015</b> , 11, 126-36   | 10.8 | 61        |
| 96  | Composites of electrospun-fibers and hydrogels: A potential solution to current challenges in biological and biomedical field. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2016</b> , 104, 640-56                                | 3.5  | 60        |
| 95  | Structural contributions of blocked or grafted poly(2-dimethylaminoethyl methacrylate) on PEGylated polycaprolactone nanoparticles in siRNA delivery. <i>Biomaterials</i> , <b>2011</b> , 32, 8730-42   | 15.6 | 58        |
| 94  | Effects of hydrophobic core components in amphiphilic PDMAEMA nanoparticles on siRNA delivery. <i>Biomaterials</i> , <b>2015</b> , 48, 45-55  | 15.6 | 55        |
| 93  | Comb-like amphiphilic copolymers bearing acetal-functionalized backbones with the ability of acid-triggered hydrophobic-to-hydrophilic transition as effective nanocarriers for intracellular release of curcumin. <i>Biomacromolecules</i> , <b>2013</b> , 14, 3973-84 | 6.9  | 54        |
| 92  | Controlled thermal gelation of poly( $\epsilon$ -caprolactone)/poly(ethylene glycol) block copolymers by modifying cyclic ether pendant groups on poly( $\epsilon$ -caprolactone). <i>Soft Matter</i> , <b>2012</b> , 8, 1575-1583                                      | 3.6  | 54        |
| 91  | Sustained release of PTX-incorporated nanoparticles synergized by burst release of DOX·HCl from thermosensitive modified PEG/PCL hydrogel to improve anti-tumor efficiency. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 62, 267-73               | 5.1  | 49        |
| 90  | Binary and ternary complexes based on polycaprolactone-graft-poly (N, N-dimethylaminoethyl methacrylate) for targeted siRNA delivery. <i>Biomaterials</i> , <b>2012</b> , 33, 4653-64   | 15.6 | 46        |

|    |  |      |    |
|----|--|------|----|
| 89 | A reconstituted "two into one" thermosensitive hydrogel system assembled by drug-loaded amphiphilic copolymer nanoparticles for the local delivery of paclitaxel. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 552-563   | 7.3  | 44 |
| 88 | N-alkylated chitosan/graphene oxide porous sponge for rapid and effective hemostasis in emergency situations. <i>Carbohydrate Polymers</i> , <b>2019</b> , 219, 405-413  | 10.3 | 43 |
| 87 | pH-sensitive nanoparticles prepared from amphiphilic and biodegradable methoxy poly(ethylene glycol)-block-(polycaprolactone-graft-poly(methacrylic acid)) for oral drug delivery. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 1430-1438   | 4.9  | 43 |
| 86 | Synthesis, Aggregation-Induced Emission, and Liquid Crystalline Structure of TetraphenylethyleneSurfactant Complex via Ionic Self-Assembly. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 27577-27586  | 3.8  | 41 |
| 85 | Synergistic dual-pH responsive copolymer micelles for pH-dependent drug release. <i>Nanoscale</i> , <b>2016</b> , 8, 1437-50   | 7.7  | 39 |
| 84 | Reactive oxygen species (ROS) responsive PEG-PCL nanoparticles with pH-controlled negative-to-positive charge reversal for intracellular delivery of doxorubicin. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 9397-9408   | 7.3  | 38 |
| 83 | A strategy for oral chemotherapy via dual pH-sensitive polyelectrolyte complex nanoparticles to achieve gastric survivability, intestinal permeability, hemodynamic stability and intracellular activity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 97, 107-17 | 5.7  | 35 |
| 82 | Facile Fabrication of Redox-Responsive Covalent Organic Framework Nanocarriers for Efficiently Loading and Delivering Doxorubicin. <i>Macromolecular Rapid Communications</i> , <b>2020</b> , 41, e1900570   | 4.8  | 35 |
| 81 | Injectable, Biodegradable, Thermosensitive Nanoparticles-Aggregated Hydrogel with Tumor-Specific Targeting, Penetration, and Release for Efficient Postsurgical Prevention of Tumor Recurrence. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 19700-19711                      | 9.5  | 33 |
| 80 | Tumor targeting and pH-responsive polyelectrolyte complex nanoparticles based on hyaluronic acid-paclitaxel conjugates and Chitosan for oral delivery of paclitaxel. <i>Macromolecular Research</i> , <b>2013</b> , 21, 1331-1337  | 1.9  | 32 |
| 79 | The study of relationships between pKa value and siRNA delivery efficiency based on tri-block copolymers. <i>Biomaterials</i> , <b>2018</b> , 176, 84-93   | 15.6 | 32 |
| 78 | Self-assembling nanowires of an amphiphilic camptothecin prodrug derived from homologous derivative conjugation. <i>Chemical Communications</i> , <b>2016</b> , 52, 14145-14148  | 5.8  | 31 |
| 77 | The pH-Triggered Triblock Nanocarrier Enabled Highly Efficient siRNA Delivery for Cancer Therapy. <i>Theranostics</i> , <b>2017</b> , 7, 3432-3445   | 12.1 | 29 |
| 76 | Contribution of hydrophobic/hydrophilic modification on cationic chains of poly( $\epsilon$ -caprolactone)-graft-poly(dimethylamino ethylmethacrylate) amphiphilic co-polymer in gene delivery. <i>Acta Biomaterialia</i> , <b>2014</b> , 10, 670-9  | 10.8 | 28 |
| 75 | An injectable nanocomposite hydrogel co-constructed with gold nanorods and paclitaxel-loaded nanoparticles for local chemo-photothermal synergetic cancer therapy. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 2667-2677  | 7.3  | 27 |
| 74 | Chitosan/alginate nanoparticles stabilized by poloxamer for the controlled release of 5-fluorouracil. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 117, 2354-2359   | 2.9  | 27 |
| 73 | Thermosensitive hydrogel system assembled by PTX-loaded copolymer nanoparticles for sustained intraperitoneal chemotherapy of peritoneal carcinomatosis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2016</b> , 104, 251-9  | 5.7  | 27 |
| 72 | Textile coatings configured by double-nanoparticles to optimally couple superhydrophobic and antibacterial properties. <i>Chemical Engineering Journal</i> , <b>2021</b> , 420, 127680   | 14.7 | 26 |

|    |  |      |    |
|----|--|------|----|
| 71 | Poly( $\epsilon$ -caprolactone)-graft-poly(2-(dimethylamino)ethyl methacrylate) Amphiphilic Copolymers Prepared via a Combination of ROP and ATRP: Synthesis, Characterization, and Self-Assembly Behavior. <i>Macromolecular Chemistry and Physics</i> , <b>2010</b> , 211, 1572-1578 | 2.6  | 25 |
| 70 | Novel dual-functional coating with underwater self-healing and anti-protein-fouling properties by combining two kinds of microcapsules and a zwitterionic copolymer. <i>Progress in Organic Coatings</i> , <b>2019</b> , 127, 211-221  | 4.8  | 25 |
| 69 | Investigation on the properties of methoxy poly(ethylene glycol)/chitosan graft co-polymers. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2007</b> , 18, 1575-1589   | 3.5  | 24 |
| 68 | Sequential thermo-induced self-gelation and acid-triggered self-release process of drug-conjugated nanoparticles: a strategy for the sustained and controlled drug delivery to tumors. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 4667-4677                            | 7.3  | 23 |
| 67 | An injectable and tumor-specific responsive hydrogel with tissue-adhesive and nanomedicine-releasing abilities for precise locoregional chemotherapy. <i>Acta Biomaterialia</i> , <b>2019</b> , 96, 123-136  | 10.8 | 22 |
| 66 | Reactive oxygen species activated nanoparticles with tumor acidity internalization for precise anticancer therapy. <i>Journal of Controlled Release</i> , <b>2017</b> , 255, 142-153   | 11.7 | 21 |
| 65 | Preparation and properties of an injectable thermo-sensitive double crosslinking hydrogel based on thiolated chitosan/beta-glycerophosphate. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 2509-2517   | 4.3  | 21 |
| 64 | Elaboration on the Distribution of Hydrophobic Segments in the Chains of Amphiphilic Cationic Polymers for Small Interfering RNA Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 32463-32474  | 9.5  | 21 |
| 63 | Supramolecular Hydrogel from Nanoparticles and Cyclodextrins for Local and Sustained Nanoparticle Delivery. <i>Macromolecular Bioscience</i> , <b>2016</b> , 16, 1188-99   | 5.5  | 21 |
| 62 | Rational Design of Nanoparticles to Overcome Poor Tumor Penetration and Hypoxia-Induced Chemotherapy Resistance: Combination of Optimizing Size and Self-Inducing High Level of Reactive Oxygen Species. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 31743-31754 | 9.5  | 19 |
| 61 | Thermosensitive in situ hydrogel based on the hybrid of hyaluronic acid and modified PCL/PEG triblock copolymer. <i>Carbohydrate Polymers</i> , <b>2014</b> , 108, 26-33   | 10.3 | 19 |
| 60 | Investigation on properties of P((MAA-co-DMAEMA)-g-EG) polyampholyte nanogels. <i>Journal of Nanoparticle Research</i> , <b>2009</b> , 11, 365-374   | 2.3  | 19 |
| 59 | cRGD-Modified Benzimidazole-based pH-Responsive Nanoparticles for Enhanced Tumor Targeted Doxorubicin Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 10726-36  | 9.5  | 19 |
| 58 | Modulating the rigidity of nanoparticles for tumor penetration. <i>Chemical Communications</i> , <b>2018</b> , 54, 30143-30148   | 3.8  | 18 |
| 57 | Poly(vinyl alcohol) electrospun nanofibrous membrane modified with spirolactam-rhodamine derivatives for visible detection and removal of metal ions. <i>RSC Advances</i> , <b>2014</b> , 4, 51381-51388   | 3.7  | 18 |
| 56 | Preparation and characterization of biodegradable poly(sebacic anhydride) chain extended by glycol as drug carrier. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 3948-3953   | 2.9  | 18 |
| 55 | Thermosensitive in situ hydrogel of paclitaxel conjugated poly( $\epsilon$ -caprolactone)-poly(ethylene glycol)-poly( $\epsilon$ -caprolactone). <i>Soft Matter</i> , <b>2012</b> , 8, 3470  | 3.6  | 18 |
| 54 | Thermosensitive behavior of poly(ethylene glycol)/poly(2-(N,N-dimethylamino)ethyl methacrylate) double hydrophilic block copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2010</b> , 48, 503-508  | 2.6  | 18 |

|    |  |     |    |
|----|--|-----|----|
| 53 | Folic acid-targeted disulfide-based cross-linking micelle for enhanced drug encapsulation stability and site-specific drug delivery against tumors. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 1119-30                               | 7.3 | 18 |
| 52 | Supramolecular hydrogel based on high-solid-content mPECT nanoparticles and cyclodextrins for local and sustained drug delivery. <i>Biomaterials Science</i> , <b>2017</b> , 5, 698-706  | 7.4 | 17 |
| 51 | pH/redox dual-sensitive nanoparticles based on the PCL/PEG triblock copolymer for enhanced intracellular doxorubicin release. <i>RSC Advances</i> , <b>2015</b> , 5, 28060-28069   | 3.7 | 17 |
| 50 | Temperature-responsive in situ nanoparticle hydrogels based on hydrophilic pendant cyclic ether modified PEG-PCL-PEG. <i>Biomaterials Science</i> , <b>2016</b> , 4, 1493-502  | 7.4 | 17 |
| 49 | Acid-induced disassemblable nanoparticles based on cyclic benzylidene acetal-functionalized graft copolymer via sequential RAFT and ATRP polymerization. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 1852  | 4.9 | 17 |
| 48 | Thermoreversible gelation of poly(ethylene glycol)/poly(ester anhydride) triblock copolymer nanoparticles for injectable drug delivery systems. <i>Soft Matter</i> , <b>2010</b> , 6, 1915   | 3.6 | 17 |
| 47 | Methoxy poly(ethylene glycol)-b-poly(L-lactic acid) copolymer nanoparticles as delivery vehicles for paclitaxel. <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 98, 2116-2122   | 2.9 | 17 |
| 46 | Structural mediation on polycation nanoparticles by sulfadiazine to enhance DNA transfection efficiency and reduce toxicity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 7542-51  | 9.5 | 16 |
| 45 | Self-assembled cationic triblock copolymer mPEG-b-PDLLA-b-PDMA nanoparticles as nonviral gene vector. <i>Soft Matter</i> , <b>2012</b> , 8, 2252   | 3.6 | 16 |
| 44 | Layer-by-layer zwitterionic modification of diverse substrates with durable anti-corrosion and anti-fouling properties. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 6024-6034   | 7.3 | 15 |
| 43 | Screening and Matching Amphiphilic Cationic Polymers for Efficient Antibiosis. <i>Biomacromolecules</i> , <b>2020</b> , 21, 5269-5281  | 6.9 | 15 |
| 42 | Fabrication of mPEGylated graphene oxide/poly(2-dimethyl aminoethyl methacrylate) nanohybrids and their primary application for small interfering RNA delivery. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133, n/a-n/a                     | 2.9 | 14 |
| 41 | Poly(ethylene glycol)/poly(ethyl cyanoacrylate) amphiphilic triblock copolymer nanoparticles as delivery vehicles for dexamethasone. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 7809-7815  | 2.5 | 13 |
| 40 | Influence of 2-(diisopropylamino)ethyl methacrylate on acid-triggered hydrolysis of cyclic benzylidene acetals and their importance in efficient drug delivery. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 6671-6679                                      | 4.9 | 12 |
| 39 | Methoxy poly(ethylene glycol)-block-poly(D,L-lactic acid) copolymer nanoparticles as carriers for transdermal drug delivery. <i>Polymer International</i> , <b>2008</b> , 57, 268-274  | 3.3 | 12 |
| 38 | Liposomes-Camouflaged Redox-Responsive Nanogels to Resolve the Dilemma between Extracellular Stability and Intracellular Drug Release. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, e1800049   | 5.5 | 11 |
| 37 | Dual-crosslinked nanocomposite hydrogels based on quaternized chitosan and clindamycin-loaded hyperbranched nanoparticles for potential antibacterial applications. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 155, 153-162 | 7.9 | 11 |
| 36 | Toxicity and in vivo biological effect of the nanoparticulate self-supported hydrogel of a thermosensitive copolymer for non-invasive drug delivery. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 17-29                   | 5.4 | 10 |

|    |   |      |    |
|----|---|------|----|
| 35 | Synthesis and properties of Polycaprolactone-graft-poly(2-(dimethylamino)ethyl methacrylate-co-methoxy polyethylene glycol monomethacrylate) as non-viral gene vector. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 1925-1930                          | 3.2  | 10 |
| 34 | Preparation and characterization of poly{[maleic anhydride-methoxy-poly(ethylene glycol)]-co-(ethyl cyanoacrylate)} copolymer nanoparticles. <i>Polymer International</i> , <b>2005</b> , 54, 1007-1013   | 3.3  | 9  |
| 33 | In Situ Template Polymerization to Prepare Liposome-Coated PDMAEMA Nanogels with Controlled Size, High Stability, Low Cytotoxicity, and Responsive Drug Release for Intracellular DOX Release. <i>Macromolecular Chemistry and Physics</i> , <b>2018</b> , 219, 1800071 | 2.6  | 9  |
| 32 | A reconstituted thermosensitive hydrogel system based on paclitaxel-loaded amphiphilic copolymer nanoparticles and antitumor efficacy. <i>Drug Development and Industrial Pharmacy</i> , <b>2017</b> , 43, 972-979  | 3.6  | 8  |
| 31 | Using Nucleobase Pairing as Supramolecule Linker to Assemble the Bionic Copolymer Nanoparticles with Small Size. <i>Macromolecular Chemistry and Physics</i> , <b>2016</b> , 217, 2611-2616   | 2.6  | 8  |
| 30 | Structural exploration of hydrophobic core in polycationic micelles for improving siRNA delivery efficiency and cell viability. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 965-973  | 7.3  | 7  |
| 29 | Layered double hydroxide modified by PEGylated hyaluronic acid as a hybrid nanocarrier for targeted drug delivery. <i>Transactions of Tianjin University</i> , <b>2016</b> , 22, 237-246  | 2.9  | 6  |
| 28 | Preparation and investigation of high solid content PTX-loaded nanoparticles dispersion via nanoprecipitation method. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2014</b> , 25, 1144-58   | 3.5  | 6  |
| 27 | Facile prepared bis(carbazyl thiocarbonyl) disulfide as chain transfer agent for RAFT polymerization of methyl methacrylate. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 126, 740-748   | 2.9  | 6  |
| 26 | Preparation and in vitro release of D,L-tetrahydropalmatine-loaded graft copolymer nanoparticles. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 110, 3525-3531  | 2.9  | 6  |
| 25 | An injectable thermosensitive hydrogel self-supported by nanoparticles of PEGylated amino-modified PCL for enhanced local tumor chemotherapy. <i>Soft Matter</i> , <b>2020</b> , 16, 5750-5758  | 3.6  | 6  |
| 24 | Superhydrophobic and Superhydrophilic Polyurethane Sponge for Wound Healing. <i>Chemical Engineering Journal</i> , <b>2022</b> , 136985   | 14.7 | 6  |
| 23 | Self-assembly and self-delivery nanodrug of bortezomib: a simple approach to achieve the trade-off between functionality and druggability. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 7490-7493   | 7.3  | 5  |
| 22 | Combating drug-resistant bacterial infection using biodegradable nanoparticles assembled from comb-like polycarbonates grafted with amphiphilic polyquaternium. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 357-365                                      | 7.3  | 5  |
| 21 | Morphology control and property design of boronate dynamic nanostructures. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 2436-2446   | 4.9  | 4  |
| 20 | Concentration-directed morphological evolution of boronate ester-based dynamic covalent nanoparticles: a facile approach for size and shape control. <i>Polymer Chemistry</i> , <b>2018</b> , 9, 815-819  | 4.9  | 4  |
| 19 | Methoxy poly(ethylene glycol)-b-poly(ethyl cyanoacrylate) copolymer nanoparticles as delivery vehicles for dexamethasone. <i>Science Bulletin</i> , <b>2009</b> , 54, 2918-2924   |      | 4  |
| 18 | Optimization of sulfonated polyethyleneimine zwitterionic coating mediated by polydopamine for poly(vinyl chloride) antifouling. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 49636   | 2.9  | 4  |



|    |   |     |   |
|----|---|-----|---|
| 17 | N-dodecylated chitosan/graphene oxide composite cryogel for hemostasis and antibacterial treatment. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50572  | 2.9 | 4 |
| 16 | Investigation on the properties of methoxy poly(ethylene glycol)/chitosan graft co-polymers. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2007</b> , 18, 1575-89  | 3.5 | 4 |
| 15 | Ultra-pH-Sensitive Biopolymer Micelles Based on Nuclear Base Pairs for Specific Tumor-Targeted Drug Delivery. <i>Macromolecular Chemistry and Physics</i> , <b>2019</b> , 220, 1900309  | 2.6 | 3 |
| 14 | Host-guest supramolecular hydrogel based on nanoparticles: co-delivery of DOX and siBcl-2 for synergistic cancer therapy. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2019</b> , 30, 877-893   | 3.5 | 3 |
| 13 | Multi-transformable nanocarrier with tumor extracellular acidity-activated charge reversal, size reduction and ligand reemergence for in vitro efficient doxorubicin loading and delivery. <i>Materials Science and Engineering C</i> , <b>2020</b> , 116, 111250 | 8.3 | 3 |
| 12 | Activation of GLP-1 receptor enhances the chemosensitivity of pancreatic cancer cells. <i>Journal of Molecular Endocrinology</i> , <b>2020</b> , 64, 103-113  | 4.5 | 3 |
| 11 | One simple and stable coating of mixed-charge copolymers on poly(vinyl chloride) films to improve antifouling efficiency. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,  | 2.9 | 2 |
| 10 | Red electrophoretic particles based on Fe <sub>2</sub> O <sub>3</sub> nanoparticles for electronic inks: Design, preparation and properties. <i>Transactions of Tianjin University</i> , <b>2015</b> , 21, 244-249  | 2.9 | 2 |
| 9  | Comb-Like Amphiphilic Polycarbonates with Different Lengths of Cationic Branches for Enhanced siRNA Delivery. <i>Macromolecular Bioscience</i> , <b>2020</b> , 20, e2000143   | 5.5 | 2 |
| 8  | pH-Responsive Nanoparticles for Controllable Curcumin Delivery: The Design of Polycation Core with Different Structures. <i>Macromolecular Chemistry and Physics</i> , <b>2018</b> , 219, 1800062   | 2.6 | 2 |
| 7  | Synthesis of fluorescent methoxy poly(ethylene glycol)-b-Poly(ethyl cyanoacrylate)- <i>g</i> -(N-carbazolyl) ethyl methacrylate copolymer via living oxyanion-initiated polymerization. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 3575-3579  | 2.9 | 2 |
| 6  | Preparation and characterization of TiO <sub>2</sub> /SiO <sub>2</sub> -cationic hybrid nanoparticles for electrophoretic displays. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1   | 2.3 | 2 |
| 5  | Methoxy poly(ethylene glycol)-b-poly(octadecanoic anhydride)-b-methoxy poly(ethylene glycol) amphiphilic triblock copolymer nanoparticles as delivery vehicles for paclitaxel. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 669-674              | 3.2 | 1 |
| 4  | Rare-earth-catalyzed alternating copolymerization of carbon monoxide with styrene. <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 642-649   | 2.5 | 1 |
| 3  | Copolymerization of carbon monoxide and styrene with the Nd(III)/Cu(II) catalyst. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 82, 8-13  | 2.9 | 1 |
| 2  | Preparation of poly(MAA- <i>g</i> -EG) hydrogel nanoparticles by a thermally-initiated free radical dispersion polymerization. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 626-33   | 1.3 | 1 |
| 1  | A facile strategy to fabricate silver-functionalized superhydrophobic cotton fabrics with long-term antibacterial properties. <i>Cellulose</i> , 1  | 5.5 | 0 |