# Jun Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2374368/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 274<br>papers | 26,551<br>citations | 3933<br>88<br>h-index | 7348<br>152<br>g-index |
| 281<br>all docs | 281<br>docs citations | 281<br>times ranked | 28383<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Tailor-Made Dual pH-Sensitive Polymerâ€“Doxorubicin Nanoparticles for Efficient Anticancer Drug Delivery. Journal of the American Chemical Society, 2011, 133, 17560-17563. | 13.7 | 1,063 |
| 2 | Ultrathin Black Phosphorus Nanosheets for Efficient Singlet Oxygen Generation. Journal of the American Chemical Society, 2015, 137, 11376-11382. | 13.7 | 891 |
| 3 | In situ sprayed bioresponsive immunotherapeutic gel for post-surgical cancer treatment. Nature Nanotechnology, 2019, 14, 89-97. | 31.5 | 725 |
| 4 | Doxorubicin-Tethered Responsive Gold Nanoparticles Facilitate Intracellular Drug Delivery for Overcoming Multidrug Resistance in Cancer Cells. ACS Nano, 2011, 5, 3679-3692. | 14.6 | 722 |
| 5 | In Vitro and In Vivo Nearâ€Infrared Photothermal Therapy of Cancer Using Polypyrrole Organic Nanoparticles. Advanced Materials, 2012, 24, 5586-5592. | 21.0 | 684 |
| 6 | Stimuli-responsive clustered nanoparticles for improved tumor penetration and therapeutic efficacy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4164-4169. | 7.1 | 617 |
| 7 | Singleâ€Layered Graphiticâ€C<sub>3</sub>N<sub>4</sub> Quantum Dots for Twoâ€Photon Fluorescence Imaging of Cellular Nucleus. Advanced Materials, 2014, 26, 4438-4443. | 21.0 | 501 |
| 8 | Surface Charge Switchable Nanoparticles Based on Zwitterionic Polymer for Enhanced Drug Delivery to Tumor. Advanced Materials, 2012, 24, 5476-5480. | 21.0 | 461 |
| 9 | Smart Superstructures with Ultrahigh pH-Sensitivity for Targeting Acidic Tumor Microenvironment: Instantaneous Size Switching and Improved Tumor Penetration. ACS Nano, 2016, 10, 6753-6761. | 14.6 | 461 |
| 10 | A Tumorâ€Acidityâ€Activated Chargeâ€Conversional Nanogel as an Intelligent Vehicle for Promoted Tumoralâ€Cell Uptake and Drug Delivery. Angewandte Chemie - International Edition, 2010, 49, 3621-3626. | 13.8 | 459 |
| 11 | Activated Pancreatic Stellate Cells Sequester CD8+ T Cells to Reduce Their Infiltration of the Juxtatumoral Compartment of Pancreatic Ductal Adenocarcinoma. Gastroenterology, 2013, 145, 1121-1132. | 1.3 | 439 |
| 12 | Simultaneous Delivery of siRNA and Paclitaxel via a â€œTwo-in-Oneâ€•Micelleplex Promotes Synergistic Tumor Suppression. ACS Nano, 2011, 5, 1483-1494. | 14.6 | 387 |
| 13 | Polyethylene Glycol and Polyethylenimine Dualâ€Functionalized Nanoâ€Graphene Oxide for Photothermally Enhanced Gene Delivery. Small, 2013, 9, 1989-1997. | 10.0 | 378 |
| 14 | Tumor Acidity-Sensitive Polymeric Vector for Active Targeted siRNA Delivery. Journal of the American Chemical Society, 2015, 137, 15217-15224. | 13.7 | 312 |
| 15 | Lipase-Sensitive Polymeric Triple-Layered Nanogel for â€œOn-Demandâ€•Drug Delivery. Journal of the American Chemical Society, 2012, 134, 4355-4362. | 13.7 | 308 |
| 16 | Polyphosphoesters in drug and gene delivery. Advanced Drug Delivery Reviews, 2003, 55, 483-499. | 13.7 | 289 |
| 17 | Gold Nanoparticles Capped with Polyethyleneimine for Enhanced siRNA Delivery. Small, 2010, 6, 239-246. | 10.0 | 269 |
| 18 | Sheddable Ternary Nanoparticles for Tumor Acidity-Targeted siRNA Delivery. ACS Nano, 2012, 6, 771-781. | 14.6 | 265 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A Novel Biodegradable Gene Carrier Based on Polyphosphoester. Journal of the American Chemical Society, 2001, 123, 9480-9481. | 13.7 | 258 |
| 20 | Bacteriaâ€Responsive Multifunctional Nanogel for Targeted Antibiotic Delivery. Advanced Materials, 2012, 24, 6175-6180. | 21.0 | 256 |
| 21 | Redox-Responsive Nanoparticles from the Single Disulfide Bond-Bridged Block Copolymer as Drug Carriers for Overcoming Multidrug Resistance in Cancer Cells. Bioconjugate Chemistry, 2011, 22, 1939-1945. | 3.6 | 251 |
| 22 | CLICs-dependent chloride efflux is an essential and proximal upstream event for NLRP3 inflammasome activation. Nature Communications, 2017, 8, 202. | 12.8 | 246 |
| 23 | Shell-Detachable Micelles Based on Disulfide-Linked Block Copolymer As Potential Carrier for Intracellular Drug Delivery. Bioconjugate Chemistry, 2009, 20, 1095-1099. | 3.6 | 243 |
| 24 | Delivery of antibiotics with polymeric particles. Advanced Drug Delivery Reviews, 2014, 78, 63-76. | 13.7 | 242 |
| 25 | Self-assembled biodegradable micellar nanoparticles of amphiphilic and cationic block copolymer for siRNA delivery. Biomaterials, 2008, 29, 4348-4355. | 11.4 | 227 |
| 26 | Systemic delivery of siRNA with cationic lipid assisted PEG-PLA nanoparticles for cancer therapy. Journal of Controlled Release, 2011, 156, 203-211. | 9.9 | 223 |
| 27 | Conjugation of haematopoietic stem cells and platelets decorated with anti-PD-1 antibodies augments anti-leukaemia efficacy. Nature Biomedical Engineering, 2018, 2, 831-840. | 22.5 | 220 |
| 28 | Surface charge critically affects tumor penetration and therapeutic efficacy of cancer nanomedicines. Nano Today, 2016, 11, 133-144. | 11.9 | 208 |
| 29 | Combating the Drug Resistance of Cisplatin Using a Platinum Prodrug Based Delivery System. Angewandte Chemie - International Edition, 2012, 51, 6742-6747. | 13.8 | 199 |
| 30 | Tumor-Acidity-Cleavable Maleic Acid Amide (TACMAA): A Powerful Tool for Designing Smart Nanoparticles To Overcome Delivery Barriers in Cancer Nanomedicine. Accounts of Chemical Research, 2018, 51, 2848-2856. | 15.6 | 195 |
| 31 | Recent Progress in Polyphosphoesters: From Controlled Synthesis to Biomedical Applications. Macromolecular Bioscience, 2009, 9, 1154-1164. | 4.1 | 192 |
| 32 | Photocrosslinkable polysaccharides based on chondroitin sulfate. Journal of Biomedical Materials Research Part B, 2004, 68A, 28-33. | 3.1 | 183 |
| 33 | Strategies to improve tumor penetration of nanomedicines through nanoparticle design. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2019, 11, e1519. | 6.1 | 180 |
| 34 | Biodegradable and photocrosslinkable polyphosphoester hydrogel. Biomaterials, 2006, 27, 1027-1034. | 11.4 | 176 |
| 35 | Tumor extracellular acidity-activated nanoparticles as drug delivery systems for enhanced cancer therapy. Biotechnology Advances, 2014, 32, 789-803. | 11.7 | 171 |
| 36 | Restoring anti-tumor functions of T cells via nanoparticle-mediated immune checkpoint modulation. Journal of Controlled Release, 2016, 231, 17-28. | 9.9 | 171 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Delivery systems for siRNA drug development in cancer therapy. Asian Journal of Pharmaceutical Sciences, 2015, 10, 1-12. | 9.1 | 170 |
| 38 | Biocompatible Conjugated Polymer Nanoparticles for Efficient Photothermal Tumor Therapy. Small, 2015, 11, 1603-1610. | 10.0 | 168 |
| 39 | The ligation of aspirin to cisplatin demonstrates significant synergistic effects on tumor cells. Chemical Communications, 2014, 50, 7427-7430. | 4.1 | 164 |
| 40 | Targeted Delivery of PLK1-siRNA by ScFv Suppresses Her2 <sup>+</sup> Breast Cancer Growth and Metastasis. Science Translational Medicine, 2012, 4, 130ra48. | 12.4 | 163 |
| 41 | Macrophage-Specific in Vivo Gene Editing Using Cationic Lipid-Assisted Polymeric Nanoparticles. ACS Nano, 2018, 12, 994-1005. | 14.6 | 163 |
| 42 | Spatial Targeting of Tumor-Associated Macrophages and Tumor Cells with a pH-Sensitive Cluster Nanocarrier for Cancer Chemoimmunotherapy. Nano Letters, 2017, 17, 3822-3829. | 9.1 | 158 |
| 43 | Nanoenabled Modulation of Acidic Tumor Microenvironment Reverses Anergy of Infiltrating T Cells and Potentiates Anti-PD-1 Therapy. Nano Letters, 2019, 19, 2774-2783. | 9.1 | 155 |
| 44 | Self-Assembled Micelles of Biodegradable Triblock Copolymers Based on Poly(ethyl ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 | 5.4 | 154 |
| 45 | Cancer stem cell therapy using doxorubicin conjugated to gold nanoparticles via hydrazone bonds. Biomaterials, 2014, 35, 836-845. | 11.4 | 150 |
| 46 | ROS-sensitive thioketal-linked polyphosphoester-doxorubicin conjugate for precise phototriggered locoregional chemotherapy. Biomaterials, 2019, 188, 74-82. | 11.4 | 148 |
| 47 | Co-delivery of all-trans-retinoic acid and doxorubicin for cancer therapy with synergistic inhibition of cancer stem cells. Biomaterials, 2015, 37, 405-414. | 11.4 | 146 |
| 48 | Evaluation of Polymeric Micelles from Brush Polymer with Poly(Îµ-caprolactone)-b-Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 | 5.4 | 145 |
| 49 | Functionalized micelles from block copolymer of polyphosphoester and poly(É›-caprolactone) for receptor-mediated drug delivery. Journal of Controlled Release, 2008, 128, 32-40. | 9.9 | 142 |
| 50 | Targeting of NLRP3 inflammasome with gene editing for the amelioration of inflammatory diseases. Nature Communications, 2018, 9, 4092. | 12.8 | 142 |
| 51 | Pivotal Role of Reducedlet-7gExpression in Breast Cancer Invasion and Metastasis. Cancer Research, 2011, 71, 6463-6474. | 0.9 | 141 |
| 52 | Three-dimensional aligned nanofibers-hydrogel scaffold for controlled non-viral drug/gene delivery to direct axon regeneration in spinal cord injury treatment. Scientific Reports, 2017, 7, 42212. | 3.3 | 141 |
| 53 | Treatment of metastatic breast cancer by combination of chemotherapy and photothermal ablation using doxorubicin-loaded DNA wrapped gold nanorods. Biomaterials, 2014, 35, 8374-8384. | 11.4 | 140 |
| 54 | Thermoresponsive Block Copolymers of Poly(ethylene glycol) and Polyphosphoester: Thermo-Induced Self-Assembly, Biocompatibility, and Hydrolytic Degradation. Biomacromolecules, 2009, 10, 66-73. | 5.4 | 136 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Single-Step Assembly of Cationic Lipidâ€“Polymer Hybrid Nanoparticles for Systemic Delivery of siRNA. ACS Nano, 2012, 6, 4955-4965. | 14.6 | 134 |
| 56 | Rational Design of Polyion Complex Nanoparticles to Overcome Cisplatin Resistance in Cancer Therapy. Advanced Materials, 2014, 26, 931-936. | 21.0 | 134 |
| 57 | Facile Generation of Tumorâ€pHâ€Labile Linkageâ€Bridged Block Copolymers for Chemotherapeutic Delivery. Angewandte Chemie - International Edition, 2016, 55, 1010-1014. | 13.8 | 133 |
| 58 | Engineering Ultrathin C<sub>3</sub>N<sub>4</sub> Quantum Dots on Graphene as a Metal-Free Water Reduction Electrocatalyst. ACS Catalysis, 2018, 8, 3965-3970. | 11.2 | 130 |
| 59 | Cytotoxicity and cellular uptake of iron nanowires. Biomaterials, 2010, 31, 1509-1517. | 11.4 | 129 |
| 60 | Nanofiber-mediated controlled release of siRNA complexes for long term gene-silencing applications. Biomaterials, 2011, 32, 5915-5923. | 11.4 | 127 |
| 61 | Rational designs of in vivo CRISPR-Cas delivery systems. Advanced Drug Delivery Reviews, 2021, 168, 3-29. | 13.7 | 125 |
| 62 | Supramolecular packing dominant photocatalytic oxidation and anticancer performance of PDI. Applied Catalysis B: Environmental, 2018, 231, 251-261. | 20.2 | 121 |
| 63 | New polyphosphoramidate with a spermidine side chain as a gene carrier. Journal of Controlled Release, 2002, 83, 157-168. | 9.9 | 120 |
| 64 | Coreâ€“Shellâ€“Corona Micelle Stabilized by Reversible Crossâ€Linkage for Intracellular Drug Delivery. Macromolecular Rapid Communications, 2010, 31, 1201-1206. | 3.9 | 117 |
| 65 | Nanomedicine-mediated cancer stem cell therapy. Biomaterials, 2016, 74, 1-18. | 11.4 | 117 |
| 66 | Enhanced gene expression in mouse muscle by sustained release of plasmid DNA using PPE-EA as a carrier. Gene Therapy, 2002, 9, 1254-1261. | 4.5 | 116 |
| 67 | Invariant NKT cells promote alcohol-induced steatohepatitis through interleukin-1Î² in mice. Journal of Hepatology, 2015, 62, 1311-1318. | 3.7 | 116 |
| 68 | <p>Applications of Inorganic Nanomaterials in Photothermal Therapy Based on Combinational Cancer Treatment</p>. International Journal of Nanomedicine, 2020, Volume 15, 1903-1914. | 6.7 | 115 |
| 69 | Tumor Acidity/NIR Controlled Interaction of Transformable Nanoparticle with Biological Systems for Cancer Therapy. Nano Letters, 2017, 17, 2871-2878. | 9.1 | 111 |
| 70 | Nanoclustered Cascaded Enzymes for Targeted Tumor Starvation and Deoxygenation-Activated Chemotherapy without Systemic Toxicity. ACS Nano, 2019, 13, 8890-8902. | 14.6 | 111 |
| 71 | Responsive Nanocarriers as an Emerging Platform for Cascaded Delivery of Nucleic Acids to Cancer. Advanced Drug Delivery Reviews, 2017, 115, 98-114. | 13.7 | 107 |
| 72 | Combination therapy with epigenetic-targeted and chemotherapeutic drugs delivered by nanoparticles to enhance the chemotherapy response and overcome resistance by breast cancer stem cells. Journal of Controlled Release, 2015, 205, 7-14. | 9.9 | 106 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | A biodegradable amphiphilic and cationic triblock copolymer for the delivery of siRNA targeting the acid ceramidase gene for cancer therapy. Biomaterials, 2011, 32, 3124-3133. | 11.4 | 105 |
| 74 | Matrix metalloproteinase 2-responsive micelle for siRNA delivery. Biomaterials, 2014, 35, 7622-7634. | 11.4 | 102 |
| 75 | Triple negative breast cancer therapy with CDK1 siRNA delivered by cationic lipid assisted PEG-PLA nanoparticles. Journal of Controlled Release, 2014, 192, 114-121. | 9.9 | 102 |
| 76 | The isolation of an RNA aptamer targeting to p53 protein with single amino acid mutation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10002-10007. | 7.1 | 101 |
| 77 | Tunable Thermosensitivity of Biodegradable Polymer Micelles of Poly(Îµ-caprolactone) and Polyphosphoester Block Copolymers. Macromolecules, 2009, 42, 3026-3032. | 4.8 | 100 |
| 78 | Promoting tumor penetration of nanoparticles for cancer stem cell therapy by TGF-Î² signaling pathway inhibition. Biomaterials, 2016, 82, 48-59. | 11.4 | 99 |
| 79 | Tumor acidity-sensitive linkage-bridged block copolymer for therapeutic siRNA delivery. Biomaterials, 2016, 88, 48-59. | 11.4 | 98 |
| 80 | Kinetics and Mechanism of 2-Ethoxy-2-oxo-1,3,2-dioxaphospholane Polymerization Initiated by Stannous Octoate. Macromolecules, 2006, 39, 6825-6831. | 4.8 | 96 |
| 81 | The effect of surface charge on oral absorption of polymeric nanoparticles. Biomaterials Science, 2018, 6, 642-650. | 5.4 | 96 |
| 82 | Gold nanorods for platinum based prodrug delivery. Chemical Communications, 2010, 46, 8424. | 4.1 | 94 |
| 83 | Targeted Delivery of Antisense Inhibitor of miRNA for Antiangiogenesis Therapy Using cRGD-Functionalized Nanoparticles. Molecular Pharmaceutics, 2011, 8, 250-259. | 4.6 | 94 |
| 84 | Therapeutic Delivery of siRNA Silencing HIF-1 Alpha with Micellar Nanoparticles Inhibits Hypoxic Tumor Growth. Molecular Pharmaceutics, 2012, 9, 2863-2874. | 4.6 | 94 |
| 85 | Photoinduced PEG deshielding from ROS-sensitive linkage-bridged block copolymer-based nanocarriers for on-demand drug delivery. Biomaterials, 2018, 170, 147-155. | 11.4 | 93 |
| 86 | Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. Biomaterials, 2016, 103, 44-55. | 11.4 | 90 |
| 87 | A General Strategy for Macrotheranostic Prodrug Activation: Synergy between the Acidic Tumor Microenvironment and Bioorthogonal Chemistry. Angewandte Chemie - International Edition, 2020, 59, 7168-7172. | 13.8 | 89 |
| 88 | Regulating the surface poly(ethylene glycol) density of polymeric nanoparticles and evaluating its role in drug delivery inÂvivo. Biomaterials, 2015, 69, 1-11. | 11.4 | 88 |
| 89 | Multiple Functional Hyperbranched Poly(amido amine) Nanoparticles: Synthesis and Application in Cell Imaging. Biomacromolecules, 2011, 12, 1523-1531. | 5.4 | 87 |
| 90 | Nanoenabled Reversal of IDO1-Mediated Immunosuppression Synergizes with Immunogenic Chemotherapy for Improved Cancer Therapy. Nano Letters, 2019, 19, 5356-5365. | 9.1 | 87 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Biomedical polymers: synthesis, properties, and applications. Science China Chemistry, 2022, 65, 1010-1075. | 8.2 | 85 |
| 92 | Controlling fibrous capsule formation through long-term down-regulation of collagen type I (COL1A1) expression by nanofiber-mediated siRNA gene silencing. Acta Biomaterialia, 2013, 9, 4513-4524. | 8.3 | 83 |
| 93 | Hierarchical Multiplexing Nanodroplets for Imaging-Guided Cancer Radiotherapy via DNA Damage Enhancement and Concomitant DNA Repair Prevention. ACS Nano, 2018, 12, 5684-5698. | 14.6 | 83 |
| 94 | Galactosylated PVDF membrane promotes hepatocyte attachment and functional maintenance. Biomaterials, 2003, 24, 4893-4903. | 11.4 | 82 |
| 95 | Synthesis and Characterization of Photo-Cross-Linked Hydrogels Based on Biodegradable Polyphosphoesters and Poly(ethylene glycol) Copolymers. Biomacromolecules, 2007, 8, 3375-3381. | 5.4 | 81 |
| 96 | Bioinspired and Biomimetic Delivery Platforms for Cancer Vaccines. Advanced Materials, 2022, 34, e2103790. | 21.0 | 81 |
| 97 | Synthesis and Micellization of Amphiphilic Brushâ^'Coil Block Copolymer Based on Poly(Îµ-caprolactone) and PEGylated Polyphosphoester. Biomacromolecules, 2006, 7, 1898-1903. | 5.4 | 80 |
| 98 | N-acetylgalactosamine functionalized mixed micellar nanoparticles for targeted delivery of siRNA to liver. Journal of Controlled Release, 2013, 166, 106-114. | 9.9 | 79 |
| 99 | Water-Soluble and Nonionic Polyphosphoester:Â Synthesis, Degradation, Biocompatibility and Enhancement of Gene Expression in Mouse Muscle. Biomacromolecules, 2004, 5, 306-311. | 5.4 | 78 |
| 100 | Synthesis of Amphiphilic ABC 3-Miktoarm Star Terpolymer by Combination of Ring-Opening Polymerization and â€œClickâ€•Chemistry. Macromolecules, 2008, 41, 8620-8625. | 4.8 | 77 |
| 101 | Biodegradable polycation and plasmid DNA multilayer film for prolonged gene delivery to mouse osteoblasts. Biomaterials, 2008, 29, 733-741. | 11.4 | 74 |
| 102 | Encapsulation and Controlled Release of a Hydrophobic Drug Using a Novel Nanoparticle-Forming Hyperbranched Polyester. Macromolecular Bioscience, 2005, 5, 662-668. | 4.1 | 73 |
| 103 | NIRâ€Activated Supersensitive Drug Release Using Nanoparticles with a Flow Core. Advanced Functional Materials, 2016, 26, 7516-7525. | 14.9 | 72 |
| 104 | Systemic delivery of CRISPR/Cas9 with PEG-PLGA nanoparticles for chronic myeloid leukemia targeted therapy. Biomaterials Science, 2018, 6, 1592-1603. | 5.4 | 72 |
| 105 | Cationic lipid-assisted nanoparticles for delivery of mRNA cancer vaccine. Biomaterials Science, 2018, 6, 3009-3018. | 5.4 | 72 |
| 106 | Single-atom Pt supported on holey ultrathin g-C3N4 nanosheets as efficient catalyst for Li-O2 batteries. Journal of Colloid and Interface Science, 2020, 564, 28-36. | 9.4 | 72 |
| 107 | Tumorâ€Microenvironmentâ€Activatable Polymer Nanoâ€Immunomodulator for Precision Cancer Photoimmunotherapy. Advanced Materials, 2022, 34, e2106654. | 21.0 | 71 |
| 108 | Synthesis and characterization of star-shaped block copolymer of poly-(É›-caprolactone) and poly(ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 | 3.8 | 70 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | The effect of surface poly(ethylene glycol) length on in vivo drug delivery behaviors of polymeric nanoparticles. Biomaterials, 2018, 182, 104-113. | 11.4 | 70 |
| 110 | Carrier-free nanoassembly of doxorubicin prodrug and siRNA for combinationally inducing immunogenic cell death and reversing immunosuppression. Nano Today, 2020, 35, 100924. | 11.9 | 68 |
| 111 | Synergistic effect of tumor chemo-immunotherapy induced by leukocyte-hitchhiking thermal-sensitive micelles. Nature Communications, 2021, 12, 4755. | 12.8 | 68 |
| 112 | Delivery of bortezomib with nanoparticles for basal-like triple-negative breast cancer therapy. Journal of Controlled Release, 2015, 208, 14-24. | 9.9 | 67 |
| 113 | Chromatin-remodelling factor Brg1 regulates myocardial proliferation and regeneration in zebrafish. Nature Communications, 2016, 7, 13787. | 12.8 | 67 |
| 114 | One-Pot Syntheses of Amphiphilic Centipede-like Brush Copolymers via Combination of Ring-Opening Polymerization and â€œClickâ€•Chemistry. Macromolecules, 2010, 43, 1739-1746. | 4.8 | 66 |
| 115 | Polyphosphoramidate gene carriers: effect of charge group on gene transfer efficiency. Gene Therapy, 2004, 11, 1001-1010. | 4.5 | 65 |
| 116 | CNS gene transfer mediated by a novel controlled release system based on DNA complexes of degradable polycation PPE-EA: a comparison with polyethylenimine/DNA complexes. Gene Therapy, 2004, 11, 109-114. | 4.5 | 64 |
| 117 | Doxorubicin Conjugate of Poly(Ethylene Glycol)â€Blockâ€Polyphosphoester for Cancer Therapy. Advanced Healthcare Materials, 2014, 3, 261-272. | 7.6 | 64 |
| 118 | Optimizing the Size of Micellar Nanoparticles for Efficient siRNA Delivery. Advanced Functional Materials, 2015, 25, 4778-4787. | 14.9 | 64 |
| 119 | Immunomodulating nano-adaptors potentiate antibody-based cancer immunotherapy. Nature Communications, 2021, 12, 1359. | 12.8 | 64 |
| 120 | Synthesis of PEG-Armed and Polyphosphoester Core-Cross-Linked Nanogel by One-Step Ring-Opening Polymerization. Macromolecules, 2009, 42, 893-896. | 4.8 | 61 |
| 121 | Differential Anticancer Drug Delivery with a Nanogel Sensitive to Bacteria-Accumulated Tumor Artificial Environment. ACS Nano, 2013, 7, 10636-10645. | 14.6 | 61 |
| 122 | In situ repurposing of dendritic cells with CRISPR/Cas9-based nanomedicine to induce transplant tolerance. Biomaterials, 2019, 217, 119302. | 11.4 | 60 |
| 123 | Synthesis and characterization of amphiphilic block copolymer of polyphosphoester and poly(<scp>L</scp>â€lactic acid). Journal of Polymer Science Part A, 2008, 46, 6425-6434. | 2.3 | 59 |
| 124 | Biodegradable vesicular nanocarriers based on poly(É›-caprolactone)-block-poly(ethyl ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 | 3.8 | 59 |
| 125 | Stepwise targeted drug delivery to liver cancer cells for enhanced therapeutic efficacy by galactose-grafted, ultra-pH-sensitive micelles. Acta Biomaterialia, 2017, 51, 363-373. | 8.3 | 59 |
| 126 | Semiconducting Polymer Nanoâ€regulators with Cascading Activation for Photodynamic Cancer Immunotherapy. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 58 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Cationic Polymeric Nanoparticle Delivering CCR2 siRNA to Inflammatory Monocytes for Tumor Microenvironment Modification and Cancer Therapy. Molecular Pharmaceutics, 2018, 15, 3642-3653. | 4.6 | 57 |
| 128 | Protecting neurons from cerebral ischemia/reperfusion injury via nanoparticle-mediated delivery of an siRNA to inhibit microglial neurotoxicity. Biomaterials, 2018, 161, 95-105. | 11.4 | 56 |
| 129 | Enhanced Primary Tumor Penetration Facilitates Nanoparticle Draining into Lymph Nodes after Systemic Injection for Tumor Metastasis Inhibition. ACS Nano, 2019, 13, 8648-8658. | 14.6 | 55 |
| 130 | Block Copolymer of Polyphosphoester and Poly(<scp>l</scp>-Lactic Acid) Modified Surface for Enhancing Osteoblast Adhesion, Proliferation, and Function. Biomacromolecules, 2009, 10, 2213-2220. | 5.4 | 54 |
| 131 | Targeting glucose uptake with siRNA-based nanomedicine for cancer therapy. Biomaterials, 2015, 51, 1-11. | 11.4 | 54 |
| 132 | The inhibition of metastasis and growth of breast cancer by blocking the NF-Î¹B signaling pathway using bioreducible PEI-based/p65 shRNA complex nanoparticles. Biomaterials, 2013, 34, 5381-5390. | 11.4 | 53 |
| 133 | Nanotoxicity comparison of four amphiphilic polymeric micelles with similar hydrophilic or hydrophobic structure. Particle and Fibre Toxicology, 2013, 10, 47. | 6.2 | 53 |
| 134 | A transistor-like pH-sensitive nanodetergent for selective cancer therapy. Nature Nanotechnology, 2022, 17, 541-551. | 31.5 | 53 |
| 135 | Gold Nanoparticles Elevate Plasma Testosterone Levels in Male Mice without Affecting Fertility. Small, 2013, 9, 1708-1714. | 10.0 | 52 |
| 136 | Synthetic Lethal Therapy for KRAS Mutant Non-small-cell Lung Carcinoma with Nanoparticle-mediated CDK4 siRNA Delivery. Molecular Therapy, 2014, 22, 964-973. | 8.2 | 52 |
| 137 | Protein Binding Affinity of Polymeric Nanoparticles as a Direct Indicator of Their Pharmacokinetics. ACS Nano, 2020, 14, 3563-3575. | 14.6 | 52 |
| 138 | Ultrathin carbon layer coated MoO<sub>2</sub> nanoparticles for high-performance near-infrared photothermal cancer therapy. Chemical Communications, 2015, 51, 10054-10057. | 4.1 | 51 |
| 139 | Facile Hydrophobization of siRNA with Anticancer Drug for Non-Cationic Nanocarrier-Mediated Systemic Delivery. Nano Letters, 2019, 19, 2688-2693. | 9.1 | 51 |
| 140 | Synthesis and Characterization of Block Copolymer of Polyphosphoester and Poly(Îµ-caprolactone). Macromolecules, 2006, 39, 473-475. | 4.8 | 50 |
| 141 | Block Copolymerization of Îµ-Caprolactone and 2-Methoxyethyl Ethylene Phosphate Initiated by Aluminum Isopropoxide:â€‰ Synthesis, Characterization, and Kinetics. Macromolecules, 2006, 39, 8992-8998. | 4.8 | 50 |
| 142 | Functionalized Diblock Copolymer of Poly(Îµ-caprolactone) and Polyphosphoester Bearing Hydroxyl Pendant Groups: Synthesis, Characterization, and Self-Assembly. Macromolecules, 2008, 41, 6935-6941. | 4.8 | 50 |
| 143 | Poly(Îµ-caprolactone)-Block-poly(ethyl Ethylene Phosphate) Micelles for Brain-Targeting Drug Delivery: In Vitro and In Vivo Valuation. Pharmaceutical Research, 2010, 27, 2657-2669. | 3.5 | 50 |
| 144 | Stable metallic 1T-WS2 ultrathin nanosheets as a promising agent for near-infrared photothermal ablation cancer therapy. Nano Research, 2015, 8, 3982-3991. | 10.4 | 50 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Optimization of lipid-assisted nanoparticle for disturbing neutrophils-related inflammation. Biomaterials, 2018, 172, 92-104. | 11.4 | 50 |
| 146 | Co-inhibition of the TGF-Î² pathway and the PD-L1 checkpoint by pH-responsive clustered nanoparticles for pancreatic cancer microenvironment regulation and anti-tumor immunotherapy. Biomaterials Science, 2020, 8, 5121-5132. | 5.4 | 50 |
| 147 | Programmable Delivery of Immune Adjuvant to Tumor-Infiltrating Dendritic Cells for Cancer Immunotherapy. Nano Letters, 2020, 20, 4882-4889. | 9.1 | 50 |
| 148 | Overcoming tumor resistance to cisplatin by cationic lipid-assisted prodrug nanoparticles. Biomaterials, 2016, 94, 9-19. | 11.4 | 47 |
| 149 | 3-Carboxyphenylboronic acid-modified carboxymethyl chitosan nanoparticles for improved tumor targeting and inhibitory. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 113, 168-177. | 4.3 | 47 |
| 150 | Surfactantâ€Stripped Micelles of Near Infrared Dye and Paclitaxel for Photoacoustic Imaging Guided Photothermalâ€Chemotherapy. Small, 2018, 14, e1802991. | 10.0 | 47 |
| 151 | Enhancement of lipopolysaccharide-induced nitric oxide and interleukin-6 production by PEGylated gold nanoparticles in RAW264.7 cells. Nanoscale, 2012, 4, 7135. | 5.6 | 46 |
| 152 | Nanoparticleâ€Enabled Dual Modulation of Phagocytic Signals to Improve Macrophageâ€Mediated Cancer Immunotherapy. Small, 2020, 16, e2004240. | 10.0 | 46 |
| 153 | Nanoparticles encapsulating hepatitis B virus cytosine-phosphate-guanosine induce therapeutic immunity against HBV infection. Hepatology, 2014, 59, 385-394. | 7.3 | 45 |
| 154 | Effect of side-chain structures on gene transfer efficiency of biodegradable cationic polyphosphoesters. International Journal of Pharmaceutics, 2003, 265, 75-84. | 5.2 | 44 |
| 155 | miRNA-181 regulates embryo implantation in mice through targeting leukemia inhibitory factor. Journal of Molecular Cell Biology, 2015, 7, 12-22. | 3.3 | 44 |
| 156 | Scaffold-Mediated Sustained, Non-viral Delivery of miR-219/miR-338 Promotes CNS Remyelination. Molecular Therapy, 2019, 27, 411-423. | 8.2 | 44 |
| 157 | Oral delivery of a platinum anticancer drug using lipid assisted polymeric nanoparticles. Chemical Communications, 2015, 51, 17536-17539. | 4.1 | 43 |
| 158 | Co-delivery of platinum drug and siNotch1 with micelleplex for enhanced hepatocellular carcinoma therapy. Biomaterials, 2015, 70, 71-83. | 11.4 | 43 |
| 159 | Synthesis of an Oxidation-Sensitive Polyphosphoester Bearing Thioether Group for Triggered Drug Release. Biomacromolecules, 2019, 20, 1740-1747. | 5.4 | 42 |
| 160 | Intratumor Performance and Therapeutic Efficacy of PAMAM Dendrimers Carried by Clustered Nanoparticles. Nano Letters, 2019, 19, 8947-8955. | 9.1 | 41 |
| 161 | Evaluation of collagen and methylated collagen as gene carriers. International Journal of Pharmaceutics, 2004, 279, 115-126. | 5.2 | 40 |
| 162 | Three-Dimensional Nanofiber Hybrid Scaffold Directs and Enhances Axonal Regeneration after Spinal Cord Injury. ACS Biomaterials Science and Engineering, 2016, 2, 1319-1329. | 5.2 | 40 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Stimuli-Responsive Hydrogel Based on Poly(propylene phosphate). Macromolecules, 2004, 37, 670-672. | 4.8 | 39 |
| 164 | Anti-Her2 single-chain antibody mediated DNMTs-siRNA delivery for targeted breast cancer therapy. Journal of Controlled Release, 2012, 161, 875-883. | 9.9 | 39 |
| 165 | Asplatin enhances drug efficacy by altering the cellular response. Metallomics, 2016, 8, 672-678. | 2.4 | 38 |
| 166 | Intercellular delivery of bioorthogonal chemical receptors for enhanced tumor targeting and penetration. Biomaterials, 2020, 259, 120298. | 11.4 | 38 |
| 167 | The effect of hydrophilic and hydrophobic structure of amphiphilic polymeric micelles on their transport in epithelial MDCK cells. Biomaterials, 2013, 34, 6284-6298. | 11.4 | 37 |
| 168 | pH-triggered chitosan nanogels via an ortho ester-based linkage for efficient chemotherapy. Acta Biomaterialia, 2017, 60, 232-243. | 8.3 | 37 |
| 169 | Acetal-Linked Hyperbranched Polyphosphoester Nanocarriers Loaded with Chlorin e6 for pH-Activatable Photodynamic Therapy. ACS Applied Materials & Interfaces, 2018, 10, 21198-21205. | 8.0 | 37 |
| 170 | Development of â€œCLANâ€•Nanomedicine for Nucleic Acid Therapeutics. Small, 2019, 15, e1900055. | 10.0 | 37 |
| 171 | Multidrug Delivery Systems Based on Human Serum Albumin for Combination Therapy with Three Anticancer Agents. Molecular Pharmaceutics, 2016, 13, 3098-3105. | 4.6 | 36 |
| 172 | Engineering nanoscopic hydrogels via photo-crosslinking salt-induced polymer assembly for targeted drug delivery. Chemical Communications, 2010, 46, 3520. | 4.1 | 35 |
| 173 | ScFvâ€Decorated PEGâ€PLAâ€Based Nanoparticles for Enhanced siRNA Delivery to Her2<sup>+</sup> Breast Cancer. Advanced Healthcare Materials, 2014, 3, 1792-1803. | 7.6 | 35 |
| 174 | Facile Generation of Tumorâ€pHâ€Labile Linkageâ€Bridged Block Copolymers for Chemotherapeutic Delivery. Angewandte Chemie, 2016, 128, 1022-1026. | 2.0 | 35 |
| 175 | Polymericâ€Micelleâ€Based Nanomedicine for siRNA Delivery. Particle and Particle Systems Characterization, 2013, 30, 211-228. | 2.3 | 34 |
| 176 | Electrosprayed coreâ€“shell microspheres for protein delivery. Chemical Communications, 2010, 46, 4743. | 4.1 | 33 |
| 177 | CD205-TLR9-IL-12 axis contributes to CpG-induced oversensitive liver injury in HBsAg transgenic mice by promoting the interaction of NKT cells with Kupffer cells. Cellular and Molecular Immunology, 2017, 14, 675-684. | 10.5 | 32 |
| 178 | Achieving a New Controllable Male Contraception by the Photothermal Effect of Gold Nanorods. Nano Letters, 2013, 13, 2477-2484. | 9.1 | 31 |
| 179 | SPECT and Near-Infrared Fluorescence Imaging of Breast Cancer with a Neuropilin-1-Targeting Peptide. Journal of Controlled Release, 2014, 192, 236-242. | 9.9 | 30 |
| 180 | Cationic Lipid-Assisted Polymeric Nanoparticle Mediated GATA2 siRNA Delivery for Synthetic Lethal Therapy of KRAS Mutant Non-Small-Cell Lung Carcinoma. Molecular Pharmaceutics, 2014, 11, 2612-2622. | 4.6 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | CoFe<sub>2</sub>O<sub>4</sub>@MnFe<sub>2</sub>O<sub>4</sub>/polypyrrole nanocomposites for in vitro photothermal/magnetothermal combined therapy. RSC Advances, 2015, 5, 7349-7355. | 3.6 | 30 |
| 182 | Phenylboronic acid-decorated gelatin nanoparticles for enhanced tumor targeting and penetration. Nanotechnology, 2016, 27, 385101. | 2.6 | 30 |
| 183 | Cancer Chemoradiotherapy Duo: Nano-Enabled Targeting of DNA Lesion Formation and DNA Damage Response. ACS Applied Materials & Interfaces, 2018, 10, 35734-35744. | 8.0 | 30 |
| 184 | Nanoparticle-delivered siRNA targeting Bruton's tyrosine kinase for rheumatoid arthritis therapy. Biomaterials Science, 2019, 7, 4698-4707. | 5.4 | 30 |
| 185 | Poly(phosphoester) ionomers as tissue-engineering scaffolds. Journal of Biomedical Materials Research Part B, 2004, 70B, 91-102. | 3.1 | 29 |
| 186 | Gold Nanoparticles Stabilized by Thermosensitive Diblock Copolymers of Poly(ethylene glycol) and Polyphosphoester. Langmuir, 2009, 25, 10298-10304. | 3.5 | 29 |
| 187 | A block copolymer of zwitterionic polyphosphoester and polylactic acid for drug delivery. Biomaterials Science, 2015, 3, 1105-1113. | 5.4 | 29 |
| 188 | Optimized nanoparticle-mediated delivery of CRISPR-Cas9 system for B cell intervention. Nano Research, 2018, 11, 6270-6282. | 10.4 | 29 |
| 189 | Localized SDFâ€1 alpha gene release mediated by collagen substrate induces CD117<sup>+</sup> stem cells homing. Journal of Cellular and Molecular Medicine, 2010, 14, 392-402. | 3.6 | 28 |
| 190 | Delivery of mRNA for regulating functions of immune cells. Journal of Controlled Release, 2022, 345, 494-511. | 9.9 | 28 |
| 191 | Syntheses and characterization of block copolymers of poly(aliphatic ester) with clickable polyphosphoester. Journal of Polymer Science Part A, 2011, 49, 487-494. | 2.3 | 27 |
| 192 | Two consecutive click reactions as a general route to functional cyclic polyesters. Chemical Communications, 2012, 48, 570-572. | 4.1 | 27 |
| 193 | PEGâ€“PLA nanoparticles facilitate siRNA knockdown in adult zebrafish heart. Developmental Biology, 2015, 406, 196-202. | 2.0 | 27 |
| 194 | Acidity-triggered TAT-presenting nanocarriers augment tumor retention and nuclear translocation of drugs. Nano Research, 2018, 11, 5716-5734. | 10.4 | 27 |
| 195 | Biocompatible and functionalizable polyphosphate nanogel with a branched structure. Journal of Materials Chemistry, 2012, 22, 9322. | 6.7 | 26 |
| 196 | Real-time imaging of intracellular drug release from mesoporous silica nanoparticles based on fluorescence resonance energy transfer. Journal of Materials Chemistry B, 2014, 2, 4379-4386. | 5.8 | 26 |
| 197 | Co-delivery of all-trans-retinoic acid enhances the anti-metastasis effect of albumin-bound paclitaxel nanoparticles. Chemical Communications, 2017, 53, 212-215. | 4.1 | 26 |
| 198 | Ternary Complexes Comprising Polyphosphoramidate Gene Carriers with Different Types of Charge Groups Improve Transfection Efficiencyâ€. Biomacromolecules, 2005, 6, 54-60. | 5.4 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Brush-shaped polycation with poly(ethylenimine)-b-poly(ethylene glycol) side chains as highly efficient gene delivery vector. International Journal of Pharmaceutics, 2010, 392, 118-126. | 5.2 | 25 |
| 200 | Amphiphilic sugar poly(orthoesters) as pH-responsive nanoscopic assemblies for acidity-enhanced drug delivery and cell killing. Chemical Communications, 2015, 51, 13078-13081. | 4.1 | 25 |
| 201 | Tunable dynamic fluorinated poly(orthoester)-based drug carriers for greatly enhanced chemotherapeutic efficacy. Polymer Chemistry, 2017, 8, 2063-2073. | 3.9 | 25 |
| 202 | Surface charge tunable nanoparticles for TNF-Î± siRNA oral delivery for treating ulcerative colitis. Nano Research, 2018, 11, 2872-2884. | 10.4 | 25 |
| 203 | Angiopep-2 conjugated nanoparticles loaded with doxorubicin for the treatment of primary central nervous system lymphoma. Biomaterials Science, 2020, 8, 1290-1297. | 5.4 | 25 |
| 204 | Magnetically Actuated Active Deep Tumor Penetration of Deformable Large Nanocarriers for Enhanced Cancer Therapy. Advanced Functional Materials, 2021, 31, 2103655. | 14.9 | 25 |
| 205 | The Effects of Nanofiber Topography on Astrocyte Behavior and Gene Silencing Efficiency. Macromolecular Bioscience, 2012, 12, 666-674. | 4.1 | 24 |
| 206 | Progress in the Development of Nanotheranostic Systems. Theranostics, 2016, 6, 915-917. | 10.0 | 24 |
| 207 | A micellar cisplatin prodrug simultaneously eliminates both cancer cells and cancer stem cells in lung cancer. Biomaterials Science, 2017, 5, 1612-1621. | 5.4 | 24 |
| 208 | An All-in-One Nanomedicine Consisting of CRISPR-Cas9 and an Autoantigen Peptide for Restoring Specific Immune Tolerance. ACS Applied Materials & Interfaces, 2020, 12, 48259-48271. | 8.0 | 24 |
| 209 | Investigation of the in vivo integrity of polymeric micelles via large Stokes shift fluorophore-based FRET. Journal of Controlled Release, 2020, 324, 47-54. | 9.9 | 24 |
| 210 | The pump fluence and wavelength-dependent ultrafast carrier dynamics and optical nonlinear absorption in black phosphorus nanosheets. Nanophotonics, 2020, 9, 2033-2043. | 6.0 | 24 |
| 211 | Template-free synthesis of biodegradable nanogels with tunable sizes as potential carriers for drug delivery. Journal of Materials Chemistry, 2009, 19, 7856. | 6.7 | 23 |
| 212 | Micelle-to-vesicle morphological transition via light-induced rapid hydrophilic arm detachment from a star polymer. Chemical Communications, 2012, 48, 1257-1259. | 4.1 | 23 |
| 213 | PEGylated nickel carbide nanocrystals as efficient near-infrared laser induced photothermal therapy for treatment of cancer cells in vivo. Nanoscale, 2014, 6, 12591-12600. | 5.6 | 23 |
| 214 | Nanofiber-mediated release of retinoic acid and brain-derived neurotrophic factor for enhanced neuronal differentiation of neural progenitor cells. Drug Delivery and Translational Research, 2015, 5, 89-100. | 5.8 | 23 |
| 215 | Amplification of tumor oxidative stresses by Poly(disulfide acetal) for multidrug resistance reversal. Biomaterials, 2021, 276, 121005. | 11.4 | 23 |
| 216 | Synthesis and characterization of phosphoester linkage-containing hydrogels. European Polymer Journal, 1999, 35, 491-497. | 5.4 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Surface-modulated and thermoresponsive polyphosphoester nanoparticles for enhanced intracellular drug delivery. Science China Chemistry, 2014, 57, 579-585. | 8.2 | 22 |
| 218 | PEGylated WS2 nanosheets for X-ray computed tomography imaging and photothermal therapy. Chinese Chemical Letters, 2015, 26, 749-754. | 9.0 | 22 |
| 219 | Dynamic, ultra-pH-sensitive graft copolymer micelles mediated rapid, complete destruction of 3-D tumor spheroids inÂvitro. Polymer, 2017, 111, 192-203. | 3.8 | 22 |
| 220 | Voluntaryâ€Opsonizationâ€Enabled Precision Nanomedicines for Inflammation Treatment. Advanced Materials, 2021, 33, 2006160. | 21.0 | 22 |
| 221 | A Tumorâ€Penetrating Nanomedicine Improves the Chemoimmunotherapy of Pancreatic Cancer. Small, 2021, 17, e2101208. | 10.0 | 22 |
| 222 | Ultrafast charge-conversional nanocarrier for tumor-acidity-activated targeted drug elivery. Biomaterials Science, 2018, 6, 350-355. | 5.4 | 21 |
| 223 | Delivery of tacrolimus with cationic lipid-assisted nanoparticles for ulcerative colitis therapy. Biomaterials Science, 2018, 6, 1916-1922. | 5.4 | 21 |
| 224 | Biomaterialsâ€Based Delivery of Therapeutic Antibodies for Cancer Therapy. Advanced Healthcare Materials, 2021, 10, e2002139. | 7.6 | 21 |
| 225 | A General Strategy for Macrotheranostic Prodrug Activation: Synergy between the Acidic Tumor Microenvironment and Bioorthogonal Chemistry. Angewandte Chemie, 2020, 132, 7235-7239. | 2.0 | 21 |
| 226 | Shell-detachable nanoparticles based on a light-responsive amphiphile for enhanced siRNA delivery. RSC Advances, 2014, 4, 1961-1964. | 3.6 | 20 |
| 227 | Bromelain-decorated hybrid nanoparticles based on lactobionic acid-conjugated chitosan for inÂvitro anti-tumor study. Journal of Biomaterials Applications, 2017, 32, 206-218. | 2.4 | 20 |
| 228 | Nanostructure-Based Theranostic Systems. Theranostics, 2016, 6, 1274-1276. | 10.0 | 19 |
| 229 | Identification of an Integrin Î±6â€Targeted Peptide for Nasopharyngeal Carcinomaâ€Specific Nanotherapeutics. Advanced Therapeutics, 2019, 2, 1900018. | 3.2 | 19 |
| 230 | Linear Well-Defined Polyamines via Anionic Ring-Opening Polymerization of Activated Aziridines: From Mild Desulfonylation to Cell Transfection. ACS Macro Letters, 2020, 9, 20-25. | 4.8 | 19 |
| 231 | Co-delivery of Phagocytosis Checkpoint Silencer and Stimulator of Interferon Genes Agonist for Synergetic Cancer Immunotherapy. ACS Applied Materials & Interfaces, 2021, 13, 29424-29438. | 8.0 | 19 |
| 232 | Synthesis and thermoresponsive behaviors of biodegradable Pluronic analogs. Journal of Polymer Science Part A, 2009, 47, 6168-6179. | 2.3 | 18 |
| 233 | Localized and Sustained SDF-1 Gene Release Mediated by Fibronectin Films: A Potential Method for Recruiting Stem Cells. International Journal of Artificial Organs, 2009, 32, 141-149. | 1.4 | 18 |
| 234 | Folic acid-conjugated soybean protein-based nanoparticles mediate efficient antitumor ability inÂvitro. Journal of Biomaterials Applications, 2017, 31, 832-843. | 2.4 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | Hydrogel loading functionalized PAMAM/shRNA complex for postsurgical glioblastoma treatment. Journal of Controlled Release, 2021, 338, 583-592. | 9.9 | 18 |
| 236 | A polymeric nanocarrier with a tumor acidity-activatable arginine-rich (R<sub>9</sub>) peptide for enhanced drug delivery. Biomaterials Science, 2020, 8, 2255-2263. | 5.4 | 17 |
| 237 | Strategies for improving the safety and RNAi efficacy of noncovalent peptide/siRNA nanocomplexes. Advances in Colloid and Interface Science, 2022, 302, 102638. | 14.7 | 17 |
| 238 | Multi-stimuli responsive poly(amidoamine) dendrimers with peripheral N-dialkylaminoethyl carbamate moieties. Polymer Chemistry, 2019, 10, 656-662. | 3.9 | 15 |
| 239 | Syntheses of amphiphilic biodegradable copolymers of poly(ethyl ethylene phosphate) and poly(3-hydroxybutyrate) for drug delivery. Science in China Series B: Chemistry, 2009, 52, 961-968. | 0.8 | 14 |
| 240 | Enhanced drug delivery to hepatocellular carcinoma with a galactosylated coreâ€“shell polyphosphoester nanogel. Biomaterials Science, 2013, 1, 1143. | 5.4 | 14 |
| 241 | Temperature-induced morphological change of ABC 3-miktoarm star terpolymer assemblies in aqueous solution. Colloids and Surfaces B: Biointerfaces, 2011, 85, 81-85. | 5.0 | 13 |
| 242 | Sequentially dynamic polymeric micelles with detachable PEGylation for enhanced chemotherapeutic efficacy. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 145, 54-64. | 4.3 | 13 |
| 243 | BHEM-Chol/DOPE liposome induced perturbation of phospholipid bilayer. Colloids and Surfaces B: Biointerfaces, 2003, 29, 233-245. | 5.0 | 12 |
| 244 | CRACC-CRACC Interaction between Kupffer and NK Cells Contributes to Poly I:C/D-GalN Induced Hepatitis. PLoS ONE, 2013, 8, e76681. | 2.5 | 12 |
| 245 | Wellâ€Defined Poly(Ortho Ester Amides) for Potential Drug Carriers: Probing the Effect of Extraâ€and Intracellular Drug Release on Chemotherapeutic Efficacy. Macromolecular Bioscience, 2017, 17, 1600503. | 4.1 | 12 |
| 246 | Dually regulating the proliferation and the immune microenvironment of melanomaviananoparticle-delivered siRNA targeting onco-immunologic CD155. Biomaterials Science, 2020, 8, 6683-6694. | 5.4 | 12 |
| 247 | Therapeutic Potentials of Noncoding RNAs: Targeted Delivery of ncRNAs in Cancer Cells. Advances in Experimental Medicine and Biology, 2016, 927, 429-458. | 1.6 | 11 |
| 248 | Efficient Gene Delivery Based on Guanidylâ€Nucleic Acid Molecular Interactions. Advanced Functional Materials, 2020, 30, 2004783. | 14.9 | 10 |
| 249 | An Intracellular pH-Actuated Polymer for Robust Cytosolic Protein Delivery. CCS Chemistry, 0, , 431-442. | 7.8 | 10 |
| 250 | Biologically Safe, Versatile, and Smart Bismuthene Functionalized with a Drug Delivery System Based on Red Phosphorus Quantum Dots for Cancer Theranostics. Angewandte Chemie - International Edition, 2022, 61, . | 13.8 | 10 |
| 251 | Delivery of Mitogen-Activated Protein Kinase Inhibitor for Hepatocellular Carcinoma Stem Cell Therapy. ACS Applied Materials & Interfaces, 2015, 7, 1012-1020. | 8.0 | 9 |
| 252 | Simultaneous elimination of cancer stem cells and bulk cancer cells by cationic-lipid-assisted nanoparticles for cancer therapy. Nano Research, 2018, 11, 4183-4198. | 10.4 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | Dual-stimuli-sensitive poly(ortho ester disulfide urethanes)-based nanospheres with rapid intracellular drug release for enhanced chemotherapy. Science China Chemistry, 2018, 61, 1447-1459. | 8.2 | 9 |
| 254 | Incorporation of a rhodamine B conjugated polymer for nanoparticle trafficking both in vitro and in vivo. Biomaterials Science, 2019, 7, 1933-1939. | 5.4 | 9 |
| 255 | Multifunctional Microspheres Dual-Loaded with Doxorubicin and Sodium Bicarbonate Nanoparticles to Introduce Synergistic Trimodal Interventional Therapy. ACS Applied Bio Materials, 2021, 4, 3476-3489. | 4.6 | 9 |
| 256 | Semiconducting Polymer Nanoâ€regulators with Cascading Activation for Photodynamic Cancer Immunotherapy. Angewandte Chemie, 2022, 134, . | 2.0 | 9 |
| 257 | Biologically Safe, Versatile, and Smart Bismuthene Functionalized with a Drug Delivery System Based on Red Phosphorus Quantum Dots for Cancer Theranostics. Angewandte Chemie, 2022, 134, . | 2.0 | 9 |
| 258 | Liposomal Glucose Oxidase for Enhanced Photothermal Therapy and Photodynamic Therapy against Breast Tumors. ACS Biomaterials Science and Engineering, 2022, 8, 1892-1906. | 5.2 | 9 |
| 259 | Co-delivery of all-trans-retinoic acid and doxorubicin for cancer therapy with synergistic inhibition of cancer stem cells. Journal of Controlled Release, 2015, 213, e94. | 9.9 | 8 |
| 260 | Dual-functional super bispecific nano-antibodies derived from monoclonal antibodies potentiate the antitumor effect of innate immune cells. Nano Today, 2021, 39, 101209. | 11.9 | 8 |
| 261 | Targeting glucose uptake of glioma cells by siRNA delivery with polymer nanoparticle. Journal of Controlled Release, 2015, 213, e23-e24. | 9.9 | 7 |
| 262 | In vitro and in vivo antitumor study of folic acid-conjugated carboxymethyl chitosan and phenylboronic acidâ€“based nanoparticles. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 495-506. | 3.4 | 7 |
| 263 | Phosphoester modified poly(ethylenimine) as efficient and low cytotoxic genevectors. Science China Chemistry, 2011, 54, 351-358. | 8.2 | 6 |
| 264 | Dynamic methotrexate nano-prodrugs with detachable PEGylation for highly selective synergistic chemotherapy. Colloids and Surfaces B: Biointerfaces, 2021, 201, 111619. | 5.0 | 6 |
| 265 | A polymeric nanoformulation improves the bioavailability and efficacy of sorafenib for hepatocellular carcinoma therapy. Biomaterials Science, 2021, 9, 2508-2518. | 5.4 | 5 |
| 266 | SYNTHESIS AND PROPERTIES OF DIBLOCK COPOLYMERS OF POLY(ETHYLENE GLYCOL) AND POLY(2-METHOXYETHYL ETHYLENE PHOSPHATE) FOR ENHANCED PACLITAXEL SOLUBILITY. Acta Polymerica Sinica, 2011, 011, 853-860. | 0.0 | 5 |
| 267 | The Neumann problem for complex special Lagrangian equations with critical phase. International Journal of Mathematics, 2019, 30, 1950043. | 0.5 | 4 |
| 268 | Phenylboronic acid-functionalized ultra-pH-sensitive micelles for enhanced tumor penetration and inhibition in vitro. Journal of Materials Science, 2019, 54, 5695-5711. | 3.7 | 4 |
| 269 | Dynamic micelles with detachable PEGylation at tumoral extracellular pH for enhanced chemotherapy. Asian Journal of Pharmaceutical Sciences, 2020, 15, 728-738. | 9.1 | 4 |
| 270 | SYTHESIS AND CHARACTERIZATION OF POLYETHYLENIMINE-POLY(ETHYLENE GLYCOL) DIACRYLATE NANOGEL AS A siRNA CARRIER. Acta Polymerica Sinica, 2009, 009, 257-263. | 0.0 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | Multiresponsive Polymer Assemblies Achieved by a Subtle Chain Terminal Modification. Chinese Journal of Chemistry, 2014, 32, 51-56. | 4.9 | 2 |
| 272 | Regulation of hydrophobicity of polyphosphoester based drug delivery system for enhanced cancer therapy. Journal of Controlled Release, 2015, 213, e23. | 9.9 | 1 |
| 273 | pH-triggered poly(ethylene glycol) nanogels prepared through orthoester linkages as potential drug carriers. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 1059-1068. | 3.4 | 0 |
| 274 | Polymeric Micelle-Based Nanomedicine for siRNA Delivery. RSC Polymer Chemistry Series, 2013, , 158-189. | 0.2 | 0 |