# Jun Wang

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 272 papers | 21,009 citations | 78 h-index | 136 g-index |
| 280 ext. papers | 23,668 ext. citations | 10.3 avg, IF | 7.06 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 272 | A transistor-like pH-sensitive nanodetergent for selective cancer therapy.. *Nature Nanotechnology*, **2022**, | 28.7 | 8 |
| 271 | Strategies for improving the safety and RNAi efficacy of noncovalent peptide/siRNA nanocomplexes.. *Advances in Colloid and Interface Science*, **2022**, 302, 102638 | 14.3 | 0 |
| 270 | Delivery of mRNA for regulating functions of immune cells.. *Journal of Controlled Release*, **2022**, 345, 494-511 | 11.7 | 3 |
| 269 | Biomedical polymers: synthesis, properties, and applications.. *Science China Chemistry*, **2022**, 1-66 | 7.9 | 11 |
| 268 | Semiconducting Polymer Nano-regulators with Cascading Activation for Photodynamic Cancer Immunotherapy.. *Angewandte Chemie - International Edition*, **2021**, | 16.4 | 10 |
| 267 | Tumor-microenvironment activatable polymer nano-immunomodulator for precision cancer photoimmunotherapy. *Advanced Materials*, **2021**, e2106654 | 24 | 8 |
| 266 | Bioinspired and Biomimetic Delivery Platforms for Cancer Vaccines. *Advanced Materials*, **2021**, e2103790 | 24 | 12 |
| 265 | Multifunctional Microspheres Dual-Loaded with Doxorubicin and Sodium Bicarbonate Nanoparticles to Introduce Synergistic Trimodal Interventional Therapy.. *ACS Applied Bio Materials*, **2021**, 4, 3476-3489 | 4.1 | 2 |
| 264 | Biomaterials-Based Delivery of Therapeutic Antibodies for Cancer Therapy. *Advanced Healthcare Materials*, **2021**, 10, e2002139 | 10.1 | 4 |
| 263 | Dynamic methotrexate nano-prodrugs with detachable PEGylation for highly selective synergistic chemotherapy. *Colloids and Surfaces B: Biointerfaces*, **2021**, 201, 111619 | 6 | 1 |
| 262 | Magnetically Actuated Active Deep Tumor Penetration of Deformable Large Nanocarriers for Enhanced Cancer Therapy. *Advanced Functional Materials*, **2021**, 31, 2103655 | 15.6 | 8 |
| 261 | Co-delivery of Phagocytosis Checkpoint Silencer and Stimulator of Interferon Genes Agonist for Synergetic Cancer Immunotherapy. *ACS Applied Materials & Interfaces*, **2021**, 13, 29424-29438 | 9.5 | 3 |
| 260 | A Tumor-Penetrating Nanomedicine Improves the Chemoimmunotherapy of Pancreatic Cancer. *Small*, **2021**, 17, e2101208 | 11 | 7 |
| 259 | Voluntary-Opsonization-Enabled Precision Nanomedicines for Inflammation Treatment. *Advanced Materials*, **2021**, 33, e2006160 | 24 | 8 |
| 258 | Rational designs of in vivo CRISPR-Cas delivery systems. *Advanced Drug Delivery Reviews*, **2021**, 168, 3-29 | 18.5 | 58 |
| 257 | A polymeric nanoformulation improves the bioavailability and efficacy of sorafenib for hepatocellular carcinoma therapy. *Biomaterials Science*, **2021**, 9, 2508-2518 | 7.4 | 1 |
| 256 | Immunomodulating nano-adaptors potentiate antibody-based cancer immunotherapy. *Nature Communications*, **2021**, 12, 1359 | 17.4 | 23 |

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| 255 | Dual-functional super bispecific nano-antibodies derived from monoclonal antibodies potentiate the antitumor effect of innate immune cells. *Nano Today*, **2021**, 39, 101209 | 17.9 | 3 |
| 254 | Synergistic effect of tumor chemo-immunotherapy induced by leukocyte-hitchhiking thermal-sensitive micelles. *Nature Communications*, **2021**, 12, 4755 | 17.4 | 15 |
| 253 | Amplification of tumor oxidative stresses by Poly(disulfide acetal) for multidrug resistance reversal. *Biomaterials*, **2021**, 276, 121005 | 15.6 | 7 |
| 252 | Hydrogel loading functionalized PAMAM/shRNA complex for postsurgical glioblastoma treatment. *Journal of Controlled Release*, **2021**, 338, 583-592 | 11.7 | 0 |
| 251 | Investigation of the in vivo integrity of polymeric micelles via large Stokes shift fluorophore-based FRET. *Journal of Controlled Release*, **2020**, 324, 47-54 | 11.7 | 10 |
| 250 | Programmable Delivery of Immune Adjuvant to Tumor-Infiltrating Dendritic Cells for Cancer Immunotherapy. *Nano Letters*, **2020**, 20, 4882-4889 | 11.5 | 21 |
| 249 | Applications of Inorganic Nanomaterials in Photothermal Therapy Based on Combinational Cancer Treatment. *International Journal of Nanomedicine*, **2020**, 15, 1903-1914 | 7.3 | 56 |
| 248 | Protein Binding Affinity of Polymeric Nanoparticles as a Direct Indicator of Their Pharmacokinetics. *ACS Nano*, **2020**, 14, 3563-3575 | 16.7 | 20 |
| 247 | A polymeric nanocarrier with a tumor acidity-activatable arginine-rich (R) peptide for enhanced drug delivery. *Biomaterials Science*, **2020**, 8, 2255-2263 | 7.4 | 7 |
| 246 | The pump fluence and wavelength-dependent ultrafast carrier dynamics and optical nonlinear absorption in black phosphorus nanosheets. *Nanophotonics*, **2020**, 9, 2033-2043 | 6.3 | 11 |
| 245 | Dynamic micelles with detachable PEGylation at tumoral extracellular pH for enhanced chemotherapy. *Asian Journal of Pharmaceutical Sciences*, **2020**, 15, 728-738 | 9 | 2 |
| 244 | Angiopep-2 conjugated nanoparticles loaded with doxorubicin for the treatment of primary central nervous system lymphoma. *Biomaterials Science*, **2020**, 8, 1290-1297 | 7.4 | 14 |
| 243 | Single-atom Pt supported on holey ultrathin g-CN nanosheets as efficient catalyst for Li-O batteries. *Journal of Colloid and Interface Science*, **2020**, 564, 28-36 | 9.3 | 42 |
| 242 | 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 | 6.6 | 10 |
| 241 | Intercellular delivery of bioorthogonal chemical receptors for enhanced tumor targeting and penetration. *Biomaterials*, **2020**, 259, 120298 | 15.6 | 15 |
| 240 | 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 | 9.5 | 9 |
| 239 | Dually regulating the proliferation and the immune microenvironment of melanoma via nanoparticle-delivered siRNA targeting onco-immunologic CD155. *Biomaterials Science*, **2020**, 8, 6683-6694 | 7.4 | 6 |
| 238 | Efficient Gene Delivery Based on Guanidyl-Nucleic Acid Molecular Interactions. *Advanced Functional Materials*, **2020**, 30, 2004783 | 15.6 | 5 |

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|---|---|---|---|
| 237 | Carrier-free nanoassembly of doxorubicin prodrug and siRNA for combinationally inducing immunogenic cell death and reversing immunosuppression. *Nano Today*, **2020**, 35, 100924 | 17.9 | 28 |
| 236 | Nanoparticle-Enabled Dual Modulation of Phagocytic Signals to Improve Macrophage-Mediated Cancer Immunotherapy. *Small*, **2020**, 16, e2004240 | 11 | 15 |
| 235 | Co-inhibition of the TGF-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 | 7.4 | 25 |
| 234 | A General Strategy for Macrotheranostic Prodrug Activation: Synergy between the Acidic Tumor Microenvironment and Bioorthogonal Chemistry. *Angewandte Chemie*, **2020**, 132, 7235-7239 | 3.6 | 5 |
| 233 | A General Strategy for Macrotheranostic Prodrug Activation: Synergy between the Acidic Tumor Microenvironment and Bioorthogonal Chemistry. *Angewandte Chemie - International Edition*, **2020**, 59, 7168-7172 | 16.4 | 45 |
| 232 | Nanoparticle-delivered siRNA targeting Bruton's tyrosine kinase for rheumatoid arthritis therapy. *Biomaterials Science*, **2019**, 7, 4698-4707 | 7.4 | 20 |
| 231 | Multi-stimuli responsive poly(amidoamine) dendrimers with peripheral N-dialkylaminoethyl carbamate moieties. *Polymer Chemistry*, **2019**, 10, 656-662 | 4.9 | 14 |
| 230 | Identification of an Integrin 6-Targeted Peptide for Nasopharyngeal Carcinoma-Specific Nanotherapeutics. *Advanced Therapeutics*, **2019**, 2, 1900018 | 4.9 | 12 |
| 229 | Facile Hydrophobization of siRNA with Anticancer Drug for Non-Cationic Nanocarrier-Mediated Systemic Delivery. *Nano Letters*, **2019**, 19, 2688-2693 | 11.5 | 31 |
| 228 | Synthesis of an Oxidation-Sensitive Polyphosphoester Bearing Thioether Group for Triggered Drug Release. *Biomacromolecules*, **2019**, 20, 1740-1747 | 6.9 | 28 |
| 227 | Development of "CLAN" Nanomedicine for Nucleic Acid Therapeutics. *Small*, **2019**, 15, e1900055 | 11 | 18 |
| 226 | Nanoenabled Modulation of Acidic Tumor Microenvironment Reverses Anergy of Infiltrating T Cells and Potentiates Anti-PD-1 Therapy. *Nano Letters*, **2019**, 19, 2774-2783 | 11.5 | 86 |
| 225 | Nanoenabled Reversal of IDO1-Mediated Immunosuppression Synergizes with Immunogenic Chemotherapy for Improved Cancer Therapy. *Nano Letters*, **2019**, 19, 5356-5365 | 11.5 | 55 |
| 224 | Nanoclustered Cascaded Enzymes for Targeted Tumor Starvation and Deoxygenation-Activated Chemotherapy without Systemic Toxicity. *ACS Nano*, **2019**, 13, 8890-8902 | 16.7 | 68 |
| 223 | Enhanced Primary Tumor Penetration Facilitates Nanoparticle Draining into Lymph Nodes after Systemic Injection for Tumor Metastasis Inhibition. *ACS Nano*, **2019**, 13, 8648-8658 | 16.7 | 33 |
| 222 | In situ repurposing of dendritic cells with CRISPR/Cas9-based nanomedicine to induce transplant tolerance. *Biomaterials*, **2019**, 217, 119302 | 15.6 | 34 |
| 221 | Intratumor Performance and Therapeutic Efficacy of PAMAM Dendrimers Carried by Clustered Nanoparticles. *Nano Letters*, **2019**, 19, 8947-8955 | 11.5 | 27 |
| 220 | Sequentially dynamic polymeric micelles with detachable PEGylation for enhanced chemotherapeutic efficacy. *European Journal of Pharmaceutics and Biopharmaceutics*, **2019**, 145, 54-64 | 5.7 | 9 |

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| 219 | The Neumann problem for complex special Lagrangian equations with critical phase. *International Journal of Mathematics*, **2019**, 30, 1950043 | 0.5 | 2 |
| 218 | Incorporation of a rhodamine B conjugated polymer for nanoparticle trafficking both in vitro and in vivo. *Biomaterials Science*, **2019**, 7, 1933-1939 | 7.4 | 4 |
| 217 | Scaffold-Mediated Sustained, Non-viral Delivery of miR-219/miR-338 Promotes CNS Remyelination. *Molecular Therapy*, **2019**, 27, 411-423 | 11.7 | 29 |
| 216 | Phenylboronic acid-functionalized ultra-pH-sensitive micelles for enhanced tumor penetration and inhibition in vitro. *Journal of Materials Science*, **2019**, 54, 5695-5711 | 4.3 | 3 |
| 215 | In situ sprayed bioresponsive immunotherapeutic gel for post-surgical cancer treatment. *Nature Nanotechnology*, **2019**, 14, 89-97 | 28.7 | 424 |
| 214 | ROS-sensitive thioketal-linked polyphosphoester-doxorubicin conjugate for precise phototriggered locoregional chemotherapy. *Biomaterials*, **2019**, 188, 74-82 | 15.6 | 98 |
| 213 | Strategies to improve tumor penetration of nanomedicines through nanoparticle design. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2019**, 11, e1519 | 9.2 | 117 |
| 212 | 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 | 8 |
| 211 | Optimization of lipid-assisted nanoparticle for disturbing neutrophils-related inflammation. *Biomaterials*, **2018**, 172, 92-104 | 15.6 | 28 |
| 210 | Photoinduced PEG deshielding from ROS-sensitive linkage-bridged block copolymer-based nanocarriers for on-demand drug delivery. *Biomaterials*, **2018**, 170, 147-155 | 15.6 | 71 |
| 209 | Cationic Polymeric Nanoparticle Delivering CCR2 siRNA to Inflammatory Monocytes for Tumor Microenvironment Modification and Cancer Therapy. *Molecular Pharmaceutics*, **2018**, 15, 3642-3653 | 5.6 | 38 |
| 208 | Protecting neurons from cerebral ischemia/reperfusion injury via nanoparticle-mediated delivery of an siRNA to inhibit microglial neurotoxicity. *Biomaterials*, **2018**, 161, 95-105 | 15.6 | 42 |
| 207 | The effect of surface charge on oral absorption of polymeric nanoparticles. *Biomaterials Science*, **2018**, 6, 642-650 | 7.4 | 60 |
| 206 | Macrophage-Specific in Vivo Gene Editing Using Cationic Lipid-Assisted Polymeric Nanoparticles. *ACS Nano*, **2018**, 12, 994-1005 | 16.7 | 114 |
| 205 | Systemic delivery of CRISPR/Cas9 with PEG-PLGA nanoparticles for chronic myeloid leukemia targeted therapy. *Biomaterials Science*, **2018**, 6, 1592-1603 | 7.4 | 48 |
| 204 | Engineering Ultrathin C3N4 Quantum Dots on Graphene as a Metal-Free Water Reduction Electrocatalyst. *ACS Catalysis*, **2018**, 8, 3965-3970 | 13.1 | 99 |
| 203 | Supramolecular packing dominant photocatalytic oxidation and anticancer performance of PDI. *Applied Catalysis B: Environmental*, **2018**, 231, 251-261 | 21.8 | 73 |
| 202 | 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 | |

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|---|---|---|---|
| 201 | Optimized nanoparticle-mediated delivery of CRISPR-Cas9 system for B cell intervention. *Nano Research*, **2018**, 11, 6270-6282 | 10 | 20 |
| 200 | The effect of surface poly(ethylene glycol) length on in vivo drug delivery behaviors of polymeric nanoparticles. *Biomaterials*, **2018**, 182, 104-113 | 15.6 | 39 |
| 199 | Acetal-Linked Hyperbranched Polyphosphoester Nanocarriers Loaded with Chlorin e6 for pH-Activatable Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 21198-21205 | 9.5 | 29 |
| 198 | Acidity-triggered TAT-presenting nanocarriers augment tumor retention and nuclear translocation of drugs. *Nano Research*, **2018**, 11, 5716-5734 | 10 | 18 |
| 197 | Ultrafast charge-conversional nanocarrier for tumor-acidity-activated targeted drug elivery. *Biomaterials Science*, **2018**, 6, 350-355 | 7.4 | 14 |
| 196 | Surface charge tunable nanoparticles for TNF-□siRNA oral delivery for treating ulcerative colitis. *Nano Research*, **2018**, 11, 2872-2884 | 10 | 17 |
| 195 | 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 | 7.9 | 7 |
| 194 | Surfactant-Stripped Micelles of Near Infrared Dye and Paclitaxel for Photoacoustic Imaging Guided Photothermal-Chemotherapy. *Small*, **2018**, 14, e1802991 | 11 | 36 |
| 193 | Targeting of NLRP3 inflammasome with gene editing for the amelioration of inflammatory diseases. *Nature Communications*, **2018**, 9, 4092 | 17.4 | 80 |
| 192 | Cancer Chemoradiotherapy Duo: Nano-Enabled Targeting of DNA Lesion Formation and DNA Damage Response. *ACS Applied Materials & Interfaces*, **2018**, 10, 35734-35744 | 9.5 | 19 |
| 191 | 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 | 24.3 | 139 |
| 190 | Conjugation of haematopoietic stem cells and platelets decorated with anti-PD-1 antibodies augments anti-leukaemia efficacy. *Nature Biomedical Engineering*, **2018**, 2, 831-840 | 19 | 143 |
| 189 | Cationic lipid-assisted nanoparticles for delivery of mRNA cancer vaccine. *Biomaterials Science*, **2018**, 6, 3009-3018 | 7.4 | 40 |
| 188 | Hierarchical Multiplexing Nanodroplets for Imaging-Guided Cancer Radiotherapy via DNA Damage Enhancement and Concomitant DNA Repair Prevention. *ACS Nano*, **2018**, 12, 5684-5698 | 16.7 | 58 |
| 187 | Delivery of tacrolimus with cationic lipid-assisted nanoparticles for ulcerative colitis therapy. *Biomaterials Science*, **2018**, 6, 1916-1922 | 7.4 | 16 |
| 186 | In vitro and in vivo antitumor study of folic acid-conjugated carboxymethyl chitosan and phenylboronic acid□based nanoparticles. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2017**, 66, 495-506 | 3 | 7 |
| 185 | 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 | 10.8 | 45 |
| 184 | 3-Carboxyphenylboronic acid-modified carboxymethyl chitosan nanoparticles for improved tumor targeting and inhibitory. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 113, 168-177 | 5.7 | 36 |

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| 183 | Dynamic, ultra-pH-sensitive graft copolymer micelles mediated rapid, complete destruction of 3-D tumor spheroids in vitro. *Polymer*, **2017**, 111, 192-203 | 3.9 | 22 |
| 182 | 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 | 4.9 | 107 |
| 181 | Tunable dynamic fluorinated poly(orthoester)-based drug carriers for greatly enhanced chemotherapeutic efficacy. *Polymer Chemistry*, **2017**, 8, 2063-2073 | 4.9 | 23 |
| 180 | Responsive Nanocarriers as an Emerging Platform for Cascaded Delivery of Nucleic Acids to Cancer. *Advanced Drug Delivery Reviews*, **2017**, 115, 98-114 | 18.5 | 76 |
| 179 | Tumor Acidity/NIR Controlled Interaction of Transformable Nanoparticle with Biological Systems for Cancer Therapy. *Nano Letters*, **2017**, 17, 2871-2878 | 11.5 | 99 |
| 178 | Spatial Targeting of Tumor-Associated Macrophages and Tumor Cells with a pH-Sensitive Cluster Nanocarrier for Cancer Chemoimmunotherapy. *Nano Letters*, **2017**, 17, 3822-3829 | 11.5 | 120 |
| 177 | pH-triggered chitosan nanogels via an ortho ester-based linkage for efficient chemotherapy. *Acta Biomaterialia*, **2017**, 60, 232-243 | 10.8 | 29 |
| 176 | A micellar cisplatin prodrug simultaneously eliminates both cancer cells and cancer stem cells in lung cancer. *Biomaterials Science*, **2017**, 5, 1612-1621 | 7.4 | 15 |
| 175 | Well-Defined Poly(Ortho Ester Amides) for Potential Drug Carriers: Probing the Effect of Extra- and Intracellular Drug Release on Chemotherapeutic Efficacy. *Macromolecular Bioscience*, **2017**, 17, 1600503 | 5.5 | 10 |
| 174 | CLICs-dependent chloride efflux is an essential and proximal upstream event for NLRP3 inflammasome activation. *Nature Communications*, **2017**, 8, 202 | 17.4 | 138 |
| 173 | Bromelain-decorated hybrid nanoparticles based on lactobionic acid-conjugated chitosan for in vitro anti-tumor study. *Journal of Biomaterials Applications*, **2017**, 32, 206-218 | 2.9 | 12 |
| 172 | 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 | 15.4 | 22 |
| 171 | Folic acid-conjugated soybean protein-based nanoparticles mediate efficient antitumor ability in vitro. *Journal of Biomaterials Applications*, **2017**, 31, 832-843 | 2.9 | 16 |
| 170 | Co-delivery of all-trans-retinoic acid enhances the anti-metastasis effect of albumin-bound paclitaxel nanoparticles. *Chemical Communications*, **2016**, 53, 212-215 | 5.8 | 21 |
| 169 | Multidrug Delivery Systems Based on Human Serum Albumin for Combination Therapy with Three Anticancer Agents. *Molecular Pharmaceutics*, **2016**, 13, 3098-105 | 5.6 | 28 |
| 168 | Phenylboronic acid-decorated gelatin nanoparticles for enhanced tumor targeting and penetration. *Nanotechnology*, **2016**, 27, 385101 | 3.4 | 26 |
| 167 | Smart Superstructures with Ultrahigh pH-Sensitivity for Targeting Acidic Tumor Microenvironment: Instantaneous Size Switching and Improved Tumor Penetration. *ACS Nano*, **2016**, 10, 6753-61 | 16.7 | 377 |
| 166 | Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. *Biomaterials*, **2016**, 103, 44-55 | 15.6 | 76 |

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| 165 | Facile Generation of Tumor-pH-Labile Linkage-Bridged Block Copolymers for Chemotherapeutic Delivery. *Angewandte Chemie - International Edition*, **2016**, 55, 1010-4 | 16.4 | 115 |
| 164 | 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, 4164-9 | 11.5 | 512 |
| 163 | Tumor acidity-sensitive linkage-bridged block copolymer for therapeutic siRNA delivery. *Biomaterials*, **2016**, 88, 48-59 | 15.6 | 87 |
| 162 | Restoring anti-tumor functions of T cells via nanoparticle-mediated immune checkpoint modulation. *Journal of Controlled Release*, **2016**, 231, 17-28 | 11.7 | 141 |
| 161 | Promoting tumor penetration of nanoparticles for cancer stem cell therapy by TGF-β signaling pathway inhibition. *Biomaterials*, **2016**, 82, 48-59 | 15.6 | 81 |
| 160 | Nanomedicine-mediated cancer stem cell therapy. *Biomaterials*, **2016**, 74, 1-18 | 15.6 | 100 |
| 159 | Nanostructure-Based Theranostic Systems. *Theranostics*, **2016**, 6, 1274-6 | 12.1 | 17 |
| 158 | Three-Dimensional Nanofiber Hybrid Scaffold Directs and Enhances Axonal Regeneration after Spinal Cord Injury. *ACS Biomaterials Science and Engineering*, **2016**, 2, 1319-1329 | 5.5 | 32 |
| 157 | Facile Generation of Tumor-pH-Labile Linkage-Bridged Block Copolymers for Chemotherapeutic Delivery. *Angewandte Chemie*, **2016**, 128, 1022-1026 | 3.6 | 31 |
| 156 | Therapeutic Potentials of Noncoding RNAs: Targeted Delivery of ncRNAs in Cancer Cells. *Advances in Experimental Medicine and Biology*, **2016**, 927, 429-58 | 3.6 | 8 |
| 155 | Chromatin-remodelling factor Brg1 regulates myocardial proliferation and regeneration in zebrafish. *Nature Communications*, **2016**, 7, 13787 | 17.4 | 48 |
| 154 | Asplatin enhances drug efficacy by altering the cellular response. *Metallomics*, **2016**, 8, 672-8 | 4.5 | 28 |
| 153 | Overcoming tumor resistance to cisplatin by cationic lipid-assisted prodrug nanoparticles. *Biomaterials*, **2016**, 94, 9-19 | 15.6 | 36 |
| 152 | Surface charge critically affects tumor penetration and therapeutic efficacy of cancer nanomedicines. *Nano Today*, **2016**, 11, 133-144 | 17.9 | 151 |
| 151 | NIR-Activated Supersensitive Drug Release Using Nanoparticles with a Flow Core. *Advanced Functional Materials*, **2016**, 26, 7516-7525 | 15.6 | 58 |
| 150 | Invariant NKT cells promote alcohol-induced steatohepatitis through interleukin-1β in mice. *Journal of Hepatology*, **2015**, 62, 1311-8 | 13.4 | 80 |
| 149 | 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, 10002-7 | 11.5 | 77 |
| 148 | Regulating the surface poly(ethylene glycol) density of polymeric nanoparticles and evaluating its role in drug delivery in vivo. *Biomaterials*, **2015**, 69, 1-11 | 15.6 | 71 |

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| 147 | A block copolymer of zwitterionic polyphosphoester and polylactic acid for drug delivery. *Biomaterials Science*, **2015**, 3, 1105-13 | 7.4 | 25 |
| 146 | PEGylated WS2 nanosheets for X-ray computed tomography imaging and photothermal therapy. *Chinese Chemical Letters*, **2015**, 26, 749-754 | 8.1 | 18 |
| 145 | PEG-PLA nanoparticles facilitate siRNA knockdown in adult zebrafish heart. *Developmental Biology*, **2015**, 406, 196-202 | 3.1 | 20 |
| 144 | Oral delivery of a platinum anticancer drug using lipid assisted polymeric nanoparticles. *Chemical Communications*, **2015**, 51, 17536-9 | 5.8 | 40 |
| 143 | Co-delivery of platinum drug and siNotch1 with micelleplex for enhanced hepatocellular carcinoma therapy. *Biomaterials*, **2015**, 70, 71-83 | 15.6 | 38 |
| 142 | Ultrathin Black Phosphorus Nanosheets for Efficient Singlet Oxygen Generation. *Journal of the American Chemical Society*, **2015**, 137, 11376-82 | 16.4 | 715 |
| 141 | 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 | 11.7 | 7 |
| 140 | Delivery systems for siRNA drug development in cancer therapy. *Asian Journal of Pharmaceutical Sciences*, **2015**, 10, 1-12 | 9 | 143 |
| 139 | CoFe2O4@MnFe2O4/polypyrrole nanocomposites for in vitro photothermal/magnetothermal combined therapy. *RSC Advances*, **2015**, 5, 7349-7355 | 3.7 | 24 |
| 138 | Delivery of mitogen-activated protein kinase inhibitor for hepatocellular carcinoma stem cell therapy. *ACS Applied Materials & Interfaces*, **2015**, 7, 1012-20 | 9.5 | 9 |
| 137 | Biocompatible conjugated polymer nanoparticles for efficient photothermal tumor therapy. *Small*, **2015**, 11, 1603-10 | 11 | 142 |
| 136 | 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 | 6.2 | 22 |
| 135 | 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 | 11.7 | 85 |
| 134 | Co-delivery of all-trans-retinoic acid and doxorubicin for cancer therapy with synergistic inhibition of cancer stem cells. *Biomaterials*, **2015**, 37, 405-14 | 15.6 | 119 |
| 133 | Regulation of hydrophobicity of polyphosphoester based drug delivery system for enhanced cancer therapy. *Journal of Controlled Release*, **2015**, 213, e23 | 11.7 | 1 |
| 132 | Optimizing the Size of Micellar Nanoparticles for Efficient siRNA Delivery. *Advanced Functional Materials*, **2015**, 25, 4778-4787 | 15.6 | 55 |
| 131 | Ultrathin carbon layer coated MoO2 nanoparticles for high-performance near-infrared photothermal cancer therapy. *Chemical Communications*, **2015**, 51, 10054-7 | 5.8 | 45 |
| 130 | Amphiphilic sugar poly(orthoesters) as pH-responsive nanoscopic assemblies for acidity-enhanced drug delivery and cell killing. *Chemical Communications*, **2015**, 51, 13078-81 | 5.8 | 21 |

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| 129 | Stable metallic 1T-WS2 ultrathin nanosheets as a promising agent for near-infrared photothermal ablation cancer therapy. *Nano Research*, **2015**, 8, 3982-3991 | 10 | 43 |
| 128 | Tumor Acidity-Sensitive Polymeric Vector for Active Targeted siRNA Delivery. *Journal of the American Chemical Society*, **2015**, 137, 15217-24 | 16.4 | 256 |
| 127 | Targeting glucose uptake of glioma cells by siRNA delivery with polymer nanoparticle. *Journal of Controlled Release*, **2015**, 213, e23-4 | 11.7 | 3 |
| 126 | Targeting glucose uptake with siRNA-based nanomedicine for cancer therapy. *Biomaterials*, **2015**, 51, 1-11 | 15.6 | 41 |
| 125 | Delivery of bortezomib with nanoparticles for basal-like triple-negative breast cancer therapy. *Journal of Controlled Release*, **2015**, 208, 14-24 | 11.7 | 52 |
| 124 | miRNA-181 regulates embryo implantation in mice through targeting leukemia inhibitory factor. *Journal of Molecular Cell Biology*, **2015**, 7, 12-22 | 6.3 | 37 |
| 123 | Surface-modulated and thermoresponsive polyphosphoester nanoparticles for enhanced intracellular drug delivery. *Science China Chemistry*, **2014**, 57, 579-585 | 7.9 | 19 |
| 122 | Single-layered graphitic-C(3)N(4) quantum dots for two-photon fluorescence imaging of cellular nucleus. *Advanced Materials*, **2014**, 26, 4438-43 | 24 | 442 |
| 121 | Cancer stem cell therapy using doxorubicin conjugated to gold nanoparticles via hydrazone bonds. *Biomaterials*, **2014**, 35, 836-45 | 15.6 | 133 |
| 120 | PEGylated nickel carbide nanocrystals as efficient near-infrared laser induced photothermal therapy for treatment of cancer cells in vivo. *Nanoscale*, **2014**, 6, 12591-600 | 7.7 | 20 |
| 119 | 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 | 7.3 | 26 |
| 118 | The ligation of aspirin to cisplatin demonstrates significant synergistic effects on tumor cells. *Chemical Communications*, **2014**, 50, 7427-30 | 5.8 | 131 |
| 117 | Shell-detachable nanoparticles based on a light-responsive amphiphile for enhanced siRNA delivery. *RSC Advances*, **2014**, 4, 1961-1964 | 3.7 | 18 |
| 116 | Nanoparticles encapsulating hepatitis B virus cytosine-phosphate-guanosine induce therapeutic immunity against HBV infection. *Hepatology*, **2014**, 59, 385-94 | 11.2 | 39 |
| 115 | Matrix metalloproteinase 2-responsive micelle for siRNA delivery. *Biomaterials*, **2014**, 35, 7622-34 | 15.6 | 87 |
| 114 | Synthetic lethal therapy for KRAS mutant non-small-cell lung carcinoma with nanoparticle-mediated CDK4 siRNA delivery. *Molecular Therapy*, **2014**, 22, 964-73 | 11.7 | 44 |
| 113 | Treatment of metastatic breast cancer by combination of chemotherapy and photothermal ablation using doxorubicin-loaded DNA wrapped gold nanorods. *Biomaterials*, **2014**, 35, 8374-84 | 15.6 | 129 |
| 112 | Triple negative breast cancer therapy with CDK1 siRNA delivered by cationic lipid assisted PEG-PLA nanoparticles. *Journal of Controlled Release*, **2014**, 192, 114-21 | 11.7 | 77 |

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|---|---|---|---|
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