

Chuanglong He

List of Publications by Citations

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266
papers

9,636
citations

53
h-index

85
g-index

291
ext. papers

11,485
ext. citations

6.8
avg, IF

6.38
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 266 | A pH-responsive mesoporous silica nanoparticles-based multi-drug delivery system for overcoming multi-drug resistance. <i>Biomaterials</i> , 2011 , 32, 7711-20 | 15.6 | 323 |
| 265 | Encapsulating drugs in biodegradable ultrafine fibers through co-axial electrospinning. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 77, 169-79 | 5.4 | 286 |
| 264 | Intracellular localization and cytotoxicity of spherical mesoporous silica nano- and microparticles. <i>Small</i> , 2009 , 5, 2722-9 | 11 | 249 |
| 263 | Fabrication of chitosan/silk fibroin composite nanofibers for wound-dressing applications. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 3529-39 | 6.3 | 248 |
| 262 | A Highly Efficient Self-Healing Elastomer with Unprecedented Mechanical Properties. <i>Advanced Materials</i> , 2019 , 31, e1901402 | 24 | 236 |
| 261 | Intermolecular interactions in electrospun collagen-chitosan complex nanofibers. <i>Carbohydrate Polymers</i> , 2008 , 72, 410-418 | 10.3 | 207 |
| 260 | Recent progress in development of new sonosensitizers for sonodynamic cancer therapy. <i>Drug Discovery Today</i> , 2014 , 19, 502-9 | 8.8 | 197 |
| 259 | Effect of pH-responsive alginate/chitosan multilayers coating on delivery efficiency, cellular uptake and biodistribution of mesoporous silica nanoparticles based nanocarriers. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8447-60 | 9.5 | 175 |
| 258 | Three-dimensional porous scaffold by self-assembly of reduced graphene oxide and nano-hydroxyapatite composites for bone tissue engineering. <i>Carbon</i> , 2017 , 116, 325-337 | 10.4 | 154 |
| 257 | BMP-2 Derived Peptide and Dexamethasone Incorporated Mesoporous Silica Nanoparticles for Enhanced Osteogenic Differentiation of Bone Mesenchymal Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15777-89 | 9.5 | 152 |
| 256 | Flower-like PEGylated MoS ₂ nanoflakes for near-infrared photothermal cancer therapy. <i>Scientific Reports</i> , 2015 , 5, 17422 | 4.9 | 148 |
| 255 | Preparation and characterization of coaxial electrospun thermoplastic polyurethane/collagen compound nanofibers for tissue engineering applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 79, 315-25 | 6 | 147 |
| 254 | Uniform carbon-coated ZnO nanorods: microwave-assisted preparation, cytotoxicity, and photocatalytic activity. <i>Langmuir</i> , 2009 , 25, 4678-84 | 4 | 144 |
| 253 | Doxorubicin-loaded electrospun poly(L-lactic acid)/mesoporous silica nanoparticles composite nanofibers for potential postsurgical cancer treatment. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 4601-4611 | 7.3 | 142 |
| 252 | Fabrication of drug-loaded electrospun aligned fibrous threads for suture applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 89, 80-95 | 5.4 | 140 |
| 251 | Coaxial Electrospun Poly(L-Lactic Acid) Ultrafine Fibers for Sustained Drug Delivery. <i>Journal of Macromolecular Science - Physics</i> , 2006 , 45, 515-524 | 1.4 | 136 |
| 250 | Nanotechnology-based intelligent drug design for cancer metastasis treatment. <i>Biotechnology Advances</i> , 2014 , 32, 761-77 | 17.8 | 131 |

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| 249 | Au/polypyrrole@Fe ₃ O ₄ nanocomposites for MR/CT dual-modal imaging guided-photothermal therapy: an in vitro study. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4354-67 | 9.5 | 114 |
| 248 | EpCAM aptamer-functionalized mesoporous silica nanoparticles for efficient colon cancer cell-targeted drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 83, 28-35 | 5.1 | 109 |
| 247 | Fabrication of gelatin-hyaluronic acid hybrid scaffolds with tunable porous structures for soft tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 474-81 | 7.9 | 106 |
| 246 | Polyelectrolyte multilayer functionalized mesoporous silica nanoparticles for pH-responsive drug delivery: layer thickness-dependent release profiles and biocompatibility. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5886-5898 | 7.3 | 100 |
| 245 | 3D printed PCL/SrHA scaffold for enhanced bone regeneration. <i>Chemical Engineering Journal</i> , 2019 , 362, 269-279 | 14.7 | 100 |
| 244 | Evolution in medicinal chemistry of ursolic acid derivatives as anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 648-55 | 6.8 | 94 |
| 243 | Co-delivery of oxygen and erlotinib by aptamer-modified liposomal complexes to reverse hypoxia-induced drug resistance in lung cancer. <i>Biomaterials</i> , 2017 , 145, 56-71 | 15.6 | 91 |
| 242 | Multifunctional Redox-Responsive Mesoporous Silica Nanoparticles for Efficient Targeting Drug Delivery and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33829-33841 | 9.5 | 89 |
| 241 | Vitamin E-loaded silk fibroin nanofibrous mats fabricated by green process for skin care application. <i>International Journal of Biological Macromolecules</i> , 2013 , 56, 49-56 | 7.9 | 89 |
| 240 | Electrodeposition on nanofibrous polymer scaffolds: Rapid mineralization, tunable calcium phosphate composition and topography. <i>Advanced Functional Materials</i> , 2010 , 20, 3568-3576 | 15.6 | 88 |
| 239 | One-Pot Synthesis of MoS Nanoflakes with Desirable Degradability for Photothermal Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17347-17358 | 9.5 | 87 |
| 238 | A Single Integrated 3D-Printing Process Customizes Elastic and Sustainable Triboelectric Nanogenerators for Wearable Electronics. <i>Advanced Functional Materials</i> , 2018 , 28, 1805108 | 15.6 | 87 |
| 237 | Evolutions in fragment-based drug design: the deconstruction-reconstruction approach. <i>Drug Discovery Today</i> , 2015 , 20, 105-13 | 8.8 | 80 |
| 236 | Electrophoretic Deposition of Dexamethasone-Loaded Mesoporous Silica Nanoparticles onto Poly(L-Lactic Acid)/Poly(ε-Caprolactone) Composite Scaffold for Bone Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4137-48 | 9.5 | 79 |
| 235 | In vitro and in vivo toxicity studies of copper sulfide nanoplates for potential photothermal applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 901-12 | 6 | 77 |
| 234 | Exploring therapeutic potentials of baicalin and its aglycone baicalein for hematological malignancies. <i>Cancer Letters</i> , 2014 , 354, 5-11 | 9.9 | 77 |
| 233 | Mechanically and biologically skin-like elastomers for bio-integrated electronics. <i>Nature Communications</i> , 2020 , 11, 1107 | 17.4 | 75 |
| 232 | Dual-Responsive Mesoporous Silica Nanoparticles Mediated Codelivery of Doxorubicin and Bcl-2 siRNA for Targeted Treatment of Breast Cancer. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 22375-22387 | 7.8 | 73 |

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| 231 | Electrospun chitosan-P(LLA-CL) nanofibers for biomimetic extracellular matrix. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2008 , 19, 677-91 | 3.5 | 73 |
| 230 | Marriage of Albumin-Gadolinium Complexes and MoS Nanoflakes as Cancer Theranostics for Dual-Modality Magnetic Resonance/Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17786-17798 | 9.5 | 72 |
| 229 | Engineering of biomimetic nanofibrous matrices for drug delivery and tissue engineering. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 7828-7848 | 7.3 | 72 |
| 228 | 3D printing of biomimetic vasculature for tissue regeneration. <i>Materials Horizons</i> , 2019 , 6, 1197-1206 | 14.4 | 62 |
| 227 | A general strategy of 3D printing thermosets for diverse applications. <i>Materials Horizons</i> , 2019 , 6, 394-404 | 14.4 | 60 |
| 226 | Nitric oxide inhibits hetero-adhesion of cancer cells to endothelial cells: restraining circulating tumor cells from initiating metastatic cascade. <i>Scientific Reports</i> , 2014 , 4, 4344 | 4.9 | 58 |
| 225 | Electrospun emodin polyvinylpyrrolidone blended nanofibrous membrane: a novel medicated biomaterial for drug delivery and accelerated wound healing. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 2709-16 | 4.5 | 57 |
| 224 | Mechanical performance of laminated composites incorporated with nanofibrous membranes. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006 , 435-436, 309-317 | 5.3 | 57 |
| 223 | Controllable fabrication of hydroxybutyl chitosan/oxidized chondroitin sulfate hydrogels by 3D bioprinting technique for cartilage tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2019 , 14, 025006 | 3.5 | 57 |
| 222 | Dendrimeric anticancer prodrugs for targeted delivery of ursolic acid to folate receptor-expressing cancer cells: synthesis and biological evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 70, 55-63 | 5.1 | 56 |
| 221 | Association between prenatal exposure to polybrominated diphenyl ethers and young children's neurodevelopment in China. <i>Environmental Research</i> , 2015 , 142, 104-11 | 7.9 | 55 |
| 220 | Effects of prenatal exposure to cadmium on neurodevelopment of infants in Shandong, China. <i>Environmental Pollution</i> , 2016 , 211, 67-73 | 9.3 | 55 |
| 219 | Electrospinning of Concentrated Polymer Solutions. <i>Macromolecules</i> , 2010 , 43, 10743-10746 | 5.5 | 54 |
| 218 | Preparation of core-shell biodegradable microfibers for long-term drug delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 90, 1243-51 | 5.4 | 54 |
| 217 | Novel water and oil repellent POSS-based organic/inorganic nanomaterial: Preparation, characterization and application to cotton fabrics. <i>Polymer</i> , 2010 , 51, 5997-6004 | 3.9 | 54 |
| 216 | Biomimetic Materials with Multiple Protective Functionalities. <i>Advanced Functional Materials</i> , 2019 , 29, 1901058 | 15.6 | 53 |
| 215 | Prenatal exposure to pyrethroid insecticides and birth outcomes in Rural Northern China. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015 , 25, 264-70 | 6.7 | 53 |
| 214 | Cell infiltration and vascularization in porous nanoyarn scaffolds prepared by dynamic liquid electrospinning. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 603-14 | 4 | 53 |

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| 213 | Coaxial electrospinning of PC(shell)/PU(core) composite nanofibers for textile application. <i>Polymer Composites</i> , 2006 , 27, 381-387 | 3 | 52 |
| 212 | Tannic acid-reinforced methacrylated chitosan/methacrylated silk fibroin hydrogels with multifunctionality for accelerating wound healing. <i>Carbohydrate Polymers</i> , 2020 , 247, 116689 | 10.3 | 50 |
| 211 | Calcium phosphate deposition rate, structure and osteoconductivity on electrospun poly(l-lactic acid) matrix using electrodeposition or simulated body fluid incubation. <i>Acta Biomaterialia</i> , 2014 , 10, 419-27 | 10.8 | 50 |
| 210 | Vitamin C-reinforcing silk fibroin nanofibrous matrices for skin care application. <i>RSC Advances</i> , 2012 , 2, 4110 | 3.7 | 50 |
| 209 | Electrospun nanoyarn scaffold and its application in tissue engineering. <i>Materials Letters</i> , 2012 , 89, 146-149 | 3.9 | 49 |
| 208 | Maternal fine particulate matter (PM) exposure and adverse birth outcomes: an updated systematic review based on cohort studies. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 13963-13983 | 5.1 | 48 |
| 207 | Development of a transparent PMMA composite reinforced with nanofibers. <i>Polymer Composites</i> , 2009 , 30, 239-247 | 3 | 48 |
| 206 | Fabrication of curcumin-loaded mesoporous silica incorporated polyvinyl pyrrolidone nanofibers for rapid hemostasis and antibacterial treatment. <i>RSC Advances</i> , 2017 , 7, 7973-7982 | 3.7 | 47 |
| 205 | Heparinized PLLA/PLCL nanofibrous scaffold for potential engineering of small-diameter blood vessel: tunable elasticity and anticoagulation property. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 1784-97 | 5.4 | 46 |
| 204 | Facile synthesis of novel albumin-functionalized flower-like MoS ₂ nanoparticles for in vitro chemo-photothermal synergistic therapy. <i>RSC Advances</i> , 2016 , 6, 13040-13049 | 3.7 | 46 |
| 203 | Green electrospun grape seed extract-loaded silk fibroin nanofibrous mats with excellent cytocompatibility and antioxidant effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 139, 156-63 | 6 | 46 |
| 202 | Prenatal and postnatal exposure to organophosphate pesticides and childhood neurodevelopment in Shandong, China. <i>Environment International</i> , 2017 , 108, 119-126 | 12.9 | 46 |
| 201 | UP12, a novel ursolic acid derivative with potential for targeting multiple signaling pathways in hepatocellular carcinoma. <i>Biochemical Pharmacology</i> , 2015 , 93, 151-62 | 6 | 46 |
| 200 | A biodegradable functional water-responsive shape memory polymer for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 123-132 | 7.3 | 45 |
| 199 | Fabrication and properties of core-shell structure P(LLA-CL) nanofibers by coaxial electrospinning. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 1564-1570 | 2.9 | 45 |
| 198 | Mesoporous silica nanoparticles/gelatin porous composite scaffolds with localized and sustained release of vancomycin for treatment of infected bone defects. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 740-752 | 7.3 | 43 |
| 197 | Mesoporous silica nanoparticles for tissue-engineering applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019 , 11, e1573 | 9.2 | 43 |
| 196 | Self-Assembled Hydroxyapatite-Graphene Scaffold for Photothermal Cancer Therapy and Bone Regeneration. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 2003-2017 | 4 | 43 |

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| 195 | Merging metal organic framework with hollow organosilica nanoparticles as a versatile nanoplatform for cancer theranostics. <i>Acta Biomaterialia</i> , 2019 , 86, 406-415 | 10.8 | 42 |
| 194 | Preparation of ultrafine fast-dissolving feruloyl-oleyl-glycerol-loaded polyvinylpyrrolidone fiber mats via electrospinning. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 88, 304-9 | 6 | 41 |
| 193 | Novel superhydrophobic and highly oleophobic PFPE-modified silica nanocomposite. <i>Journal of Materials Science</i> , 2010 , 45, 460-466 | 4.3 | 41 |
| 192 | Dexamethasone loaded core-shell SF/PEO nanofibers via green electrospinning reduced endothelial cells inflammatory damage. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 126, 561-8 | 6 | 40 |
| 191 | Chloroquine in combination with aptamer-modified nanocomplexes for tumor vessel normalization and efficient erlotinib/Survivin shRNA co-delivery to overcome drug resistance in EGFR-mutated non-small cell lung cancer. <i>Acta Biomaterialia</i> , 2018 , 76, 257-274 | 10.8 | 40 |
| 190 | Drug enterohepatic circulation and disposition: constituents of systems pharmacokinetics. <i>Drug Discovery Today</i> , 2014 , 19, 326-40 | 8.8 | 39 |
| 189 | Eliminating blood oncogenic exosomes into the small intestine with aptamer-functionalized nanoparticles. <i>Nature Communications</i> , 2019 , 10, 5476 | 17.4 | 39 |
| 188 | Synthesis and characterization of poly(glycerol sebacate)-based elastomeric copolyesters for tissue engineering applications. <i>Polymer Chemistry</i> , 2016 , 7, 2553-2564 | 4.9 | 38 |
| 187 | Strong, detachable, and self-healing dynamic crosslinked hot melt polyurethane adhesive. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1833-1839 | 7.8 | 38 |
| 186 | Fabrication of fibrinogen/P(LLA-CL) hybrid nanofibrous scaffold for potential soft tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 97, 339-47 | 5.4 | 38 |
| 185 | Bi-layered electrospun nanofibrous membrane with osteogenic and antibacterial properties for guided bone regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 176, 219-229 | 6 | 38 |
| 184 | Green electrospun pantothenic acid/silk fibroin composite nanofibers: fabrication, characterization and biological activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 117, 14-20 | 6 | 37 |
| 183 | Rapid mineralization of porous gelatin scaffolds by electrodeposition for bone tissue engineering. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2111-2119 | | 37 |
| 182 | Chitosan-based nanoparticles for improved anticancer efficacy and bioavailability of mifepristone. <i>Beilstein Journal of Nanotechnology</i> , 2016 , 7, 1861-1870 | 3 | 37 |
| 181 | Enhanced Specificity in Capturing and Restraining Circulating Tumor Cells with Dual Antibody-Dendrimer Conjugates. <i>Advanced Functional Materials</i> , 2015 , 25, 1304-1313 | 15.6 | 36 |
| 180 | Electrospinning thermoplastic polyurethane-contained collagen nanofibers for tissue-engineering applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009 , 20, 1513-36 | 3.5 | 36 |
| 179 | Nanoparticle-based drug delivery systems for controllable photodynamic cancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 144, 105213 | 5.1 | 36 |
| 178 | Synthesis of hollow mesoporous silica nanoparticles with tunable shell thickness and pore size using amphiphilic block copolymers as core templates. <i>Dalton Transactions</i> , 2014 , 43, 11834-42 | 4.3 | 35 |

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| 177 | Organophosphate and Pyrethroid Pesticide Exposures Measured before Conception and Associations with Time to Pregnancy in Chinese Couples Enrolled in the Shanghai Birth Cohort. <i>Environmental Health Perspectives</i> , 2018 , 126, 077001 | 8.4 | 35 |
| 176 | Fabrication of heterogeneous porous bilayered nanofibrous vascular grafts by two-step phase separation technique. <i>Acta Biomaterialia</i> , 2018 , 79, 168-181 | 10.8 | 34 |
| 175 | Antitumor efficacy of a PLGA composite nanofiber embedded with doxorubicin@MSNs and hydroxycamptothecin@HANPs. <i>RSC Advances</i> , 2014 , 4, 53344-53351 | 3.7 | 33 |
| 174 | The Architecture and Function of Monoclonal Antibody-Functionalized Mesoporous Silica Nanoparticles Loaded with Mifepristone: Repurposing Abortifacient for Cancer Metastatic Chemoprevention. <i>Small</i> , 2016 , 12, 2595-608 | 11 | 32 |
| 173 | Prenatal low-level phenol exposures and birth outcomes in China. <i>Science of the Total Environment</i> , 2017 , 607-608, 1400-1407 | 10.2 | 32 |
| 172 | Aspirin, lysine, mifepristone and doxycycline combined can effectively and safely prevent and treat cancer metastasis: prevent seeds from gemmating on soil. <i>Oncotarget</i> , 2015 , 6, 35157-72 | 3.3 | 32 |
| 171 | Polyhedral oligomeric silsesquioxane-based fluoroether-containing terpolymers: Synthesis, characterization and their water and oil repellency evaluation for cotton fabric. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 5152-5161 | 2.5 | 32 |
| 170 | Fabrication of antimicrobial films based on hydroxyethylcellulose and ZnO for food packaging application. <i>Food Packaging and Shelf Life</i> , 2020 , 23, 100462 | 8.2 | 31 |
| 169 | Synthesis and characterization of a novel amphiphilic copolymer capable as anti-biofouling coating material. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 2071-2078 | 2.9 | 31 |
| 168 | Biocompatibility, alignment degree and mechanical properties of an electrospun chitosan-P(LLA-CL) fibrous scaffold. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009 , 20, 2117-28 | 3.5 | 31 |
| 167 | Ex vivo and in vivo capture and deactivation of circulating tumor cells by dual-antibody-coated nanomaterials. <i>Journal of Controlled Release</i> , 2015 , 209, 159-69 | 11.7 | 30 |
| 166 | Comparisons between Graphene Oxide and Graphdiyne Oxide in Physicochemistry Biology and Cytotoxicity. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 32946-32954 | 9.5 | 30 |
| 165 | Critical windows for maternal fine particulate matter exposure and adverse birth outcomes: The Shanghai birth cohort study. <i>Chemosphere</i> , 2020 , 240, 124904 | 8.4 | 29 |
| 164 | Oxidative Rearrangement Coupling Reaction for the Functionalization of Tetrahydro- β -carboline with Aromatic Amines. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14968-14972 | 16.4 | 28 |
| 163 | Hyaluronic acid/EDC/NHS-crosslinked green electrospun silk fibroin nanofibrous scaffolds for tissue engineering. <i>RSC Advances</i> , 2016 , 6, 99720-99728 | 3.7 | 28 |
| 162 | Fabrication and characterization of chitosan coated braided PLLA wire using aligned electrospun fibers. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 2275-84 | 4.5 | 28 |
| 161 | Recent developments of nanotherapeutics for targeted and long-acting, combination HIV chemotherapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 138, 75-91 | 5.7 | 28 |
| 160 | Role of generation on folic acid-modified poly(amidoamine) dendrimers for targeted delivery of baicalin to cancer cells. <i>Materials Science and Engineering C</i> , 2017 , 75, 182-190 | 8.3 | 27 |

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| 159 | Aptamer-Conjugated Chitosan-Anchored Liposomal Complexes for Targeted Delivery of Erlotinib to EGFR-Mutated Lung Cancer Cells. <i>AAPS Journal</i> , 2017 , 19, 814-826 | 3.7 | 27 |
| 158 | Impacts of prenatal triclosan exposure on fetal reproductive hormones and its potential mechanism. <i>Environment International</i> , 2018 , 111, 279-286 | 12.9 | 27 |
| 157 | Prenatal exposure to polybrominated diphenyl ethers and birth outcomes. <i>Environmental Pollution</i> , 2015 , 206, 32-7 | 9.3 | 26 |
| 156 | Fabrication and characterization of biodegradable nanofibrous mats by mix and coaxial electrospinning. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 2285-94 | 4.5 | 26 |
| 155 | Controlled release of vancomycin from 3D porous graphene-based composites for dual-purpose treatment of infected bone defects. <i>RSC Advances</i> , 2017 , 7, 2753-2765 | 3.7 | 25 |
| 154 | Folate and Heptamethine Cyanine Modified Chitosan-Based Nanotheranostics for Tumor Targeted Near-Infrared Fluorescence Imaging and Photodynamic Therapy. <i>Biomacromolecules</i> , 2017 , 18, 2146-2160 | 6.9 | 25 |
| 153 | Egg white-mediated green synthesis of CuS quantum dots as a biocompatible and efficient 980 nm laser-driven photothermal agent. <i>RSC Advances</i> , 2016 , 6, 40480-40488 | 3.7 | 25 |
| 152 | Strontium-incorporated mineralized PLLA nanofibrous membranes for promoting bone defect repair. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 179, 363-373 | 6 | 24 |
| 151 | Exposure to polybrominated diphenyl ethers and female reproductive function: A study in the production area of Shandong, China. <i>Science of the Total Environment</i> , 2016 , 572, 9-15 | 10.2 | 24 |
| 150 | Regenerated silk fibroin nanofibrous matrices treated with 75% ethanol vapor for tissue-engineering applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012 , 23, 497-508 | 3.5 | 24 |
| 149 | An in situ forming tissue adhesive based on poly(ethylene glycol)-dimethacrylate and thiolated chitosan through the Michael reaction. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5585-5592 | 7.3 | 24 |
| 148 | Electrospun nanofibers incorporating self-decomposable silica nanoparticles as carriers for controlled delivery of anticancer drug. <i>RSC Advances</i> , 2015 , 5, 65897-65904 | 3.7 | 23 |
| 147 | Polybrominated diphenyl ethers (PBDEs) and thyroid hormones in cord blood. <i>Environmental Pollution</i> , 2017 , 229, 489-495 | 9.3 | 23 |
| 146 | Molecularly engineered metal-based bioactive soft materials - Neuroactive magnesium ion/polymer hybrids. <i>Acta Biomaterialia</i> , 2019 , 85, 310-319 | 10.8 | 23 |
| 145 | A novel nanomissile targeting two biomarkers and accurately bombing CTCs with doxorubicin. <i>Nanoscale</i> , 2017 , 9, 5624-5640 | 7.7 | 22 |
| 144 | Near-infrared/pH dual-responsive nanocomplexes for targeted imaging and chemo/gene/photothermal tri-therapies of non-small cell lung cancer. <i>Acta Biomaterialia</i> , 2020 , 107, 242-259 | 10.8 | 22 |
| 143 | Biomimetic Oxidative Coupling Cyclization Enabling Rapid Construction of Isochromanoidenines. <i>Organic Letters</i> , 2018 , 20, 5457-5460 | 6.2 | 22 |
| 142 | Cartilage-targeting peptide-modified dual-drug delivery nanoplatfrom with NIR laser response for osteoarthritis therapy. <i>Bioactive Materials</i> , 2021 , 6, 2372-2389 | 16.7 | 22 |

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|-----|---|------|----|
| 141 | Cord blood Per- and polyfluoroalkyl substances, placental steroidogenic enzyme, and cord blood reproductive hormone. <i>Environment International</i> , 2019 , 129, 573-582 | 12.9 | 21 |
| 140 | Incorporation of dexamethasone-loaded mesoporous silica nanoparticles into mineralized porous biocomposite scaffolds for improving osteogenic activity. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 116-126 | 7.9 | 21 |
| 139 | Porous nanofibrous scaffold incorporated with S1P loaded mesoporous silica nanoparticles and BMP-2 encapsulated PLGA microspheres for enhancing angiogenesis and osteogenesis. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 6731-6743 | 7.3 | 21 |
| 138 | One-Pot Synthesis of Silver Nanoparticle Incorporated Mesoporous Silica Granules for Hemorrhage Control and Antibacterial Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 3588-3599 | 5.5 | 21 |
| 137 | Construction of nanofibrous scaffolds with interconnected perfusable microchannel networks for engineering of vascularized bone tissue. <i>Bioactive Materials</i> , 2021 , 6, 3254-3268 | 16.7 | 21 |
| 136 | China and the United States--Global partners, competitors and collaborators in nanotechnology development. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 13-9 | 6 | 20 |
| 135 | Acetic Acid Accelerated Visible-Light Photoredox Catalyzed N-Demethylation of N,N-Dimethylaminophenyl Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 687-692 | 5.6 | 20 |
| 134 | Environmental pyrethroid exposure and thyroid hormones of pregnant women in Shandong, China. <i>Chemosphere</i> , 2019 , 234, 815-821 | 8.4 | 20 |
| 133 | Synthesis and characterization of a novel acetylene- and maleimide-terminated benzoxazine and its high-performance thermosets. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 340-346 | 2.9 | 20 |
| 132 | Sorbitan monooleate and poly(L-lactide-co-epsilon-caprolactone) electrospun nanofibers for endothelial cell interactions. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 91, 878-85 | 5.4 | 20 |
| 131 | Systems pharmacology of mifepristone (RU486) reveals its 47 hub targets and network: comprehensive analysis and pharmacological focus on FAK-Src-Paxillin complex. <i>Scientific Reports</i> , 2015 , 5, 7830 | 4.9 | 19 |
| 130 | Design, synthesis and biological evaluation of a novel Cu ²⁺ -selective fluorescence sensor for bio-detection and chelation. <i>RSC Advances</i> , 2015 , 5, 80110-80117 | 3.7 | 19 |
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