

Yulin Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

334
papers

10,667
citations

50
h-index

89
g-index

353
ext. papers

13,136
ext. citations

7.6
avg, IF

6.73
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 334 | A biomimetic and bioactive scaffold with intelligently pulsatile teriparatide delivery for local and systemic osteoporosis regeneration.. <i>Bioactive Materials</i> , 2023 , 19, 75-87 | 16.7 | 2 |
| 333 | Construction of developmentally inspired periosteum-like tissue for bone regeneration.. <i>Bone Research</i> , 2022 , 10, 1 | 13.3 | 5 |
| 332 | Harnessing 4D Printing Bioscaffolds for Advanced Orthopedics.. <i>Small</i> , 2022 , e2106824 | 11 | 4 |
| 331 | Electro-assembly of a dynamically adaptive molten fibril state for collagen.. <i>Science Advances</i> , 2022 , 8, eabl7506 | 14.3 | 2 |
| 330 | Biomimetic Hydroxyapatite Nanorods Promote Bone Regeneration Accelerating Osteogenesis of BMSCs through T Cell-Derived IL-22.. <i>ACS Nano</i> , 2022 , | 16.7 | 5 |
| 329 | Decellularized extracellular matrix scaffolds: Recent trends and emerging strategies in tissue engineering.. <i>Bioactive Materials</i> , 2022 , 10, 15-31 | 16.7 | 28 |
| 328 | Synergy effects of Asperosaponin VI and bioactive factor BMP-2 on osteogenesis and anti-osteoclastogenesis.. <i>Bioactive Materials</i> , 2022 , 10, 335-344 | 16.7 | 1 |
| 327 | Enhanced remediation of heavy metals contaminated soils with EK-PRB using ECD/hydrothermal biochar by waste cotton as reactive barrier. <i>Chemosphere</i> , 2022 , 286, 131470 | 8.4 | 10 |
| 326 | Fabrication and evaluation of a BMP-2/dexamethasone co-loaded gelatin sponge scaffold for rapid bone regeneration.. <i>International Journal of Energy Production and Management</i> , 2022 , 9, rbac008 | 5.3 | 1 |
| 325 | Extramedullary Osseointegration-A Novel Design of Percutaneous Osseointegration Prosthesis for Amputees.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 811128 | 5.8 | |
| 324 | Lysozyme Amyloid Fibril-Integrated PEG Injectable Hydrogel Adhesive with Improved Antiswelling and Antibacterial Capabilities.. <i>Biomacromolecules</i> , 2022 , 23, 1376-1391 | 6.9 | 2 |
| 323 | Bioactive Film-Guided Soft-Hard Interface Design Technology for Multi-Tissue Integrative Regeneration.. <i>Advanced Science</i> , 2022 , e2105945 | 13.6 | 1 |
| 322 | Enhanced thermal conductivity of polyamide-66 composites with mesocarbon microbeads through simple melt blending. <i>Polymer Engineering and Science</i> , 2022 , 62, 530-536 | 2.3 | 2 |
| 321 | Statistic Copolymers Working as Growth Factor-Binding Mimics of Fibronectin.. <i>Advanced Science</i> , 2022 , e2200775 | 13.6 | 2 |
| 320 | Excessive DNA damage mediates ECM degradation via the RBBP8/NOTCH1 pathway in sporadic aortic dissection. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1868, 166303 | 6.9 | 2 |
| 319 | Regulation of Inflammatory Response and Osteogenesis to Citrate-Based Biomaterials through Incorporation of Alkaline Fragments. <i>Advanced Healthcare Materials</i> , 2021 , e2101590 | 10.1 | 2 |
| 318 | Continuous and controllable electro-fabrication of antimicrobial copper-alginate dressing for infected wounds treatment. <i>Journal of Materials Science: Materials in Medicine</i> , 2021 , 32, 143 | 4.5 | 1 |

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|-----|---|------|----|
| 317 | A Machine Learning-Based Prediction Model for Cardiovascular Risk in Women With Preeclampsia. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 736491 | 5.4 | 1 |
| 316 | A micro/nano-biomimetic coating on titanium orchestrates osteo/angio-genesis and osteoimmunomodulation for advanced osseointegration. <i>Biomaterials</i> , 2021 , 278, 121162 | 15.6 | 9 |
| 315 | Synergistic Combination of Bioactive Hydroxyapatite Nanoparticles and the Chemotherapeutic Doxorubicin to Overcome Tumor Multidrug Resistance. <i>Small</i> , 2021 , 17, e2007672 | 11 | 10 |
| 314 | MiR-124 and Small Molecules Synergistically Regulate the Generation of Neuronal Cells from Rat Cortical Reactive Astrocytes. <i>Molecular Neurobiology</i> , 2021 , 58, 2447-2464 | 6.2 | 1 |
| 313 | miR-124: A Promising Therapeutic Target for Central Nervous System Injuries and Diseases. <i>Cellular and Molecular Neurobiology</i> , 2021 , 1 | 4.6 | 2 |
| 312 | Overexpression of long non-coding RNA AP001505.9 inhibits human hyaline chondrocyte dedifferentiation. <i>Aging</i> , 2021 , 13, 11433-11454 | 5.6 | 1 |
| 311 | MiR-34a suppression targets Nampt to ameliorate bone marrow mesenchymal stem cell senescence by regulating NAD-Sirt1 pathway. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 271 | 8.3 | 3 |
| 310 | Flexible Bicolorimetric Polyacrylamide/Chitosan Hydrogels for Smart Real-Time Monitoring and Promotion of Wound Healing. <i>Advanced Functional Materials</i> , 2021 , 31, 2102599 | 15.6 | 24 |
| 309 | Intelligent Molybdenum Disulfide Complexes as a Platform for Cooperative Imaging-Guided Tri-Mode Chemo-Photothermo-Immunotherapy. <i>Advanced Science</i> , 2021 , 8, e2100165 | 13.6 | 14 |
| 308 | Laser Cladding Novel NiCrSiFeBWTeO ₂ Coating with Both High Wear and Corrosion Resistance. <i>Metals and Materials International</i> , 2021 , 27, 2706-2719 | 2.4 | 7 |
| 307 | Circulating miRNAs Related to Long-term Adverse Cardiovascular Events in STEMI Patients: A Nested Case-Control Study. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 77-85 | 3.8 | 9 |
| 306 | Enlisting a Traditional Chinese Medicine to tune the gelation kinetics of a bioactive tissue adhesive for fast hemostasis or minimally invasive therapy. <i>Bioactive Materials</i> , 2021 , 6, 905-917 | 16.7 | 13 |
| 305 | The degradation behavior of calcium-rich hydroxyapatite foams in vitro. <i>Journal of Biomedical Materials Research - Part A</i> , 2021 , 109, 859-868 | 5.4 | 2 |
| 304 | Organ-on-a-chip platforms for accelerating the evaluation of nanomedicine. <i>Bioactive Materials</i> , 2021 , 6, 1012-1027 | 16.7 | 28 |
| 303 | Nano-needle strontium-substituted apatite coating enhances osteoporotic osseointegration through promoting osteogenesis and inhibiting osteoclastogenesis. <i>Bioactive Materials</i> , 2021 , 6, 905-915 | 16.7 | 22 |
| 302 | The thermal/pH-sensitive drug delivery system encapsulated by PAA based on hollow hybrid nanospheres with two silicon source. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021 , 32, 695-713 | 3.5 | 4 |
| 301 | Microstructure and properties of high power-SLM 24CrNiMoY alloy steel at different laser energy density and tempering temperature. <i>Powder Metallurgy</i> , 2021 , 64, 23-34 | 1.9 | |
| 300 | Recapitulation of In Situ Endochondral Ossification Using an Injectable Hypoxia-Mimetic Hydrogel. <i>Advanced Functional Materials</i> , 2021 , 31, 2008515 | 15.6 | 12 |

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|-----|--|------|----|
| 299 | Polyurethane prepolymer-modified high-content starch-PBAT films. <i>Carbohydrate Polymers</i> , 2021 , 253, 117168 | 10.3 | 7 |
| 298 | Design of Shallow Surface Electromagnetic Detection Transmitting Scheme Based on Three-Frequency Resonance. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-9 | 5.2 | 2 |
| 297 | Size-transformable nanohybrids with pH/redox/enzymatic sensitivity for anticancer therapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 4319-4328 | 7.3 | 4 |
| 296 | Advances in super-resolution fluorescence microscopy for the study of nano-cell interactions. <i>Biomaterials Science</i> , 2021 , 9, 5484-5496 | 7.4 | 6 |
| 295 | Sulfated polysaccharide directs therapeutic angiogenesis via endogenous VEGF secretion of macrophages. <i>Science Advances</i> , 2021 , 7, | 14.3 | 20 |
| 294 | Spatiotemporal Immunomodulation Using Biomimetic Scaffold Promotes Endochondral Ossification-Mediated Bone Healing. <i>Advanced Science</i> , 2021 , 8, e2100143 | 13.6 | 7 |
| 293 | Injectable Hydrogel with NIR Light-Responsive, Dual-Mode PTH Release for Osteoregeneration in Osteoporosis. <i>Advanced Functional Materials</i> , 2021 , 31, 2105383 | 15.6 | 10 |
| 292 | MicroRNA-27b-3p downregulates FGF1 and aggravates pathological cardiac remodelling. <i>Cardiovascular Research</i> , 2021 , | 9.9 | 5 |
| 291 | Enhanced bioelectricity output of microbial fuel cells via electrospinning zeolitic imidazolate framework-67/polyacrylonitrile carbon nanofiber cathode. <i>Bioresource Technology</i> , 2021 , 337, 125358 | 11 | 11 |
| 290 | Incorporating redox-sensitive nanogels into bioabsorbable nanofibrous membrane to acquire ROS-balance capacity for skin regeneration. <i>Bioactive Materials</i> , 2021 , 6, 3461-3472 | 16.7 | 9 |
| 289 | Calcium phosphate-based materials regulate osteoclast-mediated osseointegration. <i>Bioactive Materials</i> , 2021 , 6, 4517-4530 | 16.7 | 11 |
| 288 | Delivery of Salvianolic Acid B for Efficient Osteogenesis and Angiogenesis from Silk Fibroin Combined with Graphene Oxide. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 3539-3549 | 5.5 | 10 |
| 287 | Coupling PEG-LZM polymer networks with polyphenols yields suturable biohydrogels for tissue patching. <i>Biomaterials Science</i> , 2020 , 8, 3334-3347 | 7.4 | 9 |
| 286 | A viscoelastic PEGylated poly(glycerol sebacate)-based bilayer scaffold for cartilage regeneration in full-thickness osteochondral defect. <i>Biomaterials</i> , 2020 , 253, 120095 | 15.6 | 31 |
| 285 | Tumor-mediated shape-transformable nanogels with pH/redox/enzymatic-sensitivity for anticancer therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 3801-3813 | 7.3 | 9 |
| 284 | miR-21 promotes osseointegration and mineralization through enhancing both osteogenic and osteoclastic expression. <i>Materials Science and Engineering C</i> , 2020 , 111, 110785 | 8.3 | 8 |
| 283 | Lactate Promotes Reactive Astrogliosis and Confers Axon Guidance Potential to Astrocytes under Oxygen-Glucose Deprivation. <i>Neuroscience</i> , 2020 , 442, 54-68 | 3.9 | 4 |
| 282 | Multifunctional Ag/polymer composite nanospheres for drug delivery and cell imaging. <i>Journal of Materials Science</i> , 2020 , 55, 13995-14007 | 4.3 | 4 |

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|-----|---|------|----|
| 281 | Biomaterial-guided immobilization and osteoactivity of bone morphogenetic protein-2. <i>Applied Materials Today</i> , 2020 , 19, 100599 | 6.6 | 7 |
| 280 | Core/Shell PEGS/HA Hybrid Nanoparticle Via Micelle-Coordinated Mineralization for Tumor-Specific Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 12109-12119 | 9.5 | 18 |
| 279 | Redox-Channeling Polydopamine-Ferrocene (PDA-Fc) Coating To Confer Context-Dependent and Photothermal Antimicrobial Activities. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 8915-8928 | 9.5 | 35 |
| 278 | Self-assembling RATEA16 peptide nanofiber designed for rapid hemostasis. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1897-1905 | 7.3 | 12 |
| 277 | Strontium ranelate-loaded POFC/BTCP porous scaffolds for osteoporotic bone repair.. <i>RSC Advances</i> , 2020 , 10, 9016-9025 | 3.7 | 7 |
| 276 | Matrix stiffness regulates myocardial differentiation of human umbilical cord mesenchymal stem cells. <i>Aging</i> , 2020 , 13, 2231-2250 | 5.6 | 5 |
| 275 | Affinity-selected polysaccharide for rhBMP-2-induced osteogenesis via BMP receptor activation. <i>Applied Materials Today</i> , 2020 , 20, 100681 | 6.6 | 1 |
| 274 | Investigation of Mg-Zn-Y-Nd alloy for potential application of biodegradable esophageal stent material. <i>Bioactive Materials</i> , 2020 , 5, 1-8 | 16.7 | 33 |
| 273 | Facilitated vascularization and enhanced bone regeneration by manipulation hierarchical pore structure of scaffolds. <i>Materials Science and Engineering C</i> , 2020 , 110, 110622 | 8.3 | 18 |
| 272 | The role of vanadium species during SO ₂ removal over a V ₂ O ₅ /AC catalyst. <i>Catalysis Science and Technology</i> , 2020 , 10, 231-239 | 5.5 | 2 |
| 271 | Enhancement and orchestration of osteogenesis and angiogenesis by a dual-modular design of growth factors delivery scaffolds and 26SCS decoration. <i>Biomaterials</i> , 2020 , 232, 119645 | 15.6 | 29 |
| 270 | Tissue Engineering and Regenerative Medicine Therapies for Cell Senescence in Bone and Cartilage. <i>Tissue Engineering - Part B: Reviews</i> , 2020 , 26, 64-78 | 7.9 | 6 |
| 269 | Controllable Synthesis of Biomimetic Hydroxyapatite Nanorods with High Osteogenic Bioactivity. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 320-328 | 5.5 | 20 |
| 268 | How to reprogram human fibroblasts to neurons. <i>Cell and Bioscience</i> , 2020 , 10, 116 | 9.8 | 7 |
| 267 | Sulfated chitosan rescues dysfunctional macrophages and accelerates wound healing in diabetic mice. <i>Acta Biomaterialia</i> , 2020 , 117, 192-203 | 10.8 | 26 |
| 266 | A novel strategy for tumor therapy: targeted, PAA-functionalized nano-hydroxyapatite nanomedicine. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 9589-9600 | 7.3 | 5 |
| 265 | Leucine-activated nanohybrid biofilm for skin regeneration via improving cell affinity and neovascularization capacity. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 7966-7976 | 7.3 | 2 |
| 264 | Soft Matrix Combined With BMPR Inhibition Regulates Neurogenic Differentiation of Human Umbilical Cord Mesenchymal Stem Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 791 | 5.8 | 2 |

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|-----|---|------|----|
| 263 | Agonism of Gpr40 Protects the Capacities of Epidermal Stem Cells (ESCs) Against Ultraviolet-B (UV-B). <i>Drug Design, Development and Therapy</i> , 2020 , 14, 5143-5153 | 4.4 | 0 |
| 262 | Generation of rhBMP-2-induced juvenile ossicles in aged mice. <i>Biomaterials</i> , 2020 , 258, 120284 | 15.6 | 2 |
| 261 | A triple-coated ligament graft to facilitate ligament-bone healing by inhibiting fibrogenesis and promoting osteogenesis. <i>Acta Biomaterialia</i> , 2020 , 115, 160-175 | 10.8 | 5 |
| 260 | Age-related decline of interferon-gamma responses in macrophage impairs satellite cell proliferation and regeneration. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020 , 11, 1291-1305 | 10.3 | 15 |
| 259 | A novel injectable starch-based tissue adhesive for hemostasis. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 8282-8293 | 7.3 | 15 |
| 258 | Formation and Elimination Mechanism of Lack of Fusion and Cracks in Direct Laser Deposition 24CrNiMoY Alloy Steel. <i>Journal of Materials Engineering and Performance</i> , 2020 , 29, 6439-6454 | 1.6 | 3 |
| 257 | Novel Bionic Topography with MiR-21 Coating for Improving Bone-Implant Integration through Regulating Cell Adhesion and Angiogenesis. <i>Nano Letters</i> , 2020 , 20, 7716-7721 | 11.5 | 11 |
| 256 | Eco-friendly development of an ultras-small IONP-loaded nanoplat-form for bimodal imaging-guided cancer theranostics. <i>Biomaterials Science</i> , 2020 , 8, 6375-6386 | 7.4 | 6 |
| 255 | A reduced polydopamine nanoparticle-coupled sprayable PEG hydrogel adhesive with anti-infection activity for rapid wound sealing. <i>Biomaterials Science</i> , 2020 , 8, 6946-6956 | 7.4 | 13 |
| 254 | MicroRNA-27b targets CFBF to inhibit differentiation of human bone marrow mesenchymal stem cells into hypertrophic chondrocytes. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 392 | 8.3 | 6 |
| 253 | Characterisation of extraembryonic endoderm-like cells from mouse embryonic fibroblasts induced using chemicals alone. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 157 | 8.3 | 1 |
| 252 | Mesoporous bioactive glass combined with graphene oxide scaffolds for bone repair. <i>International Journal of Biological Sciences</i> , 2019 , 15, 2156-2169 | 11.2 | 19 |
| 251 | Upregulation of MAPK10, TUBB2B and RASL11B may contribute to the development of neuroblastoma. <i>Molecular Medicine Reports</i> , 2019 , 20, 3475-3486 | 2.9 | 3 |
| 250 | Notch1 inhibition enhances DNA damage induced by cisplatin in cervical cancer. <i>Experimental Cell Research</i> , 2019 , 376, 27-38 | 4.2 | 9 |
| 249 | Constructing biodegradable nanochitin-contained chitosan hydrogel beads for fast and efficient removal of Cu(II) from aqueous solution. <i>Carbohydrate Polymers</i> , 2019 , 211, 152-160 | 10.3 | 29 |
| 248 | Construction of cytokine reservoirs based on sulfated chitosan hydrogels for the capturing of VEGF in situ. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1882-1892 | 7.3 | 7 |
| 247 | Polyurethane Prepolymer Modified Cassava Starch Based Poly(butylene adipate-co-terephthalate) Composites with Excellent Compatibility and High Toughness. <i>Starch/Staerke</i> , 2019 , 71, 1900098 | 2.3 | 2 |
| 246 | CPS1 T1405N polymorphism, HDL cholesterol, homocysteine and renal function are risk factors of VPA induced hyperammonemia among epilepsy patients. <i>Epilepsy Research</i> , 2019 , 154, 139-143 | 3 | 2 |

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| 245 | Multicellularity-interweaved bone regeneration of BMP-2-loaded scaffold with orchestrated kinetics of resorption and osteogenesis. <i>Biomaterials</i> , 2019 , 216, 119216 | 15.6 | 24 |
| 244 | Studies on Formation Mechanism of In Situ Particles During Laser Direct Deposition of Fe-Based Composite Coatings with Valence Electron Structure Parameters. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019 , 50, 2599-2612 | 2.3 | 0 |
| 243 | Sandpaper as template for a robust superhydrophobic surface with self-cleaning and anti-snow/icing performances. <i>Journal of Colloid and Interface Science</i> , 2019 , 548, 224-232 | 9.3 | 53 |
| 242 | Programmable Electrofabrication of Porous Janus Films with Tunable Janus Balance for Anisotropic Cell Guidance and Tissue Regeneration. <i>Advanced Functional Materials</i> , 2019 , 29, 1900065 | 15.6 | 29 |
| 241 | Association of Soluble ST2 Serum Levels With Outcomes in Pediatric Dilated Cardiomyopathy. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 727-735 | 3.8 | 4 |
| 240 | Formation of enzymatic/redox-switching nanogates on mesoporous silica nanoparticles for anticancer drug delivery. <i>Materials Science and Engineering C</i> , 2019 , 100, 855-861 | 8.3 | 26 |
| 239 | SEBS-based thermoplastic elastomers containing aluminum hypophosphite and melamine cyanurate: Thermal degradation, flame retardancy, and mechanical properties. <i>Journal of Fire Sciences</i> , 2019 , 37, 137-154 | 1.5 | 3 |
| 238 | A mechanically robust and flexible PEGylated poly(glycerol sebacate)/βTCP nanoparticle composite membrane for guided bone regeneration. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 3279-3290 | 7.3 | 15 |
| 237 | Direct assembly of anticancer drugs to form Laponite-based nanocomplexes for therapeutic co-delivery. <i>Materials Science and Engineering C</i> , 2019 , 99, 1407-1414 | 8.3 | 8 |
| 236 | Tranexamic acid-loaded starch hemostatic microspheres.. <i>RSC Advances</i> , 2019 , 9, 6245-6253 | 3.7 | 13 |
| 235 | Robust hierarchical porous MBG scaffolds with promoted biomineralization ability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 178, 22-31 | 6 | 4 |
| 234 | TMEM43-S358L mutation enhances NF- κ B-TGF β signal cascade in arrhythmogenic right ventricular dysplasia/cardiomyopathy. <i>Protein and Cell</i> , 2019 , 10, 104-119 | 7.2 | 18 |
| 233 | Promoting Effect and Mechanism of Alkali Na on Pd/SBA-15 for Room Temperature Formaldehyde Catalytic Oxidation. <i>ChemCatChem</i> , 2019 , 11, 5098-5107 | 5.2 | 9 |
| 232 | Co-expression network analysis identified key genes in association with mesenchymal stem cell osteogenic differentiation. <i>Cell and Tissue Research</i> , 2019 , 378, 513-529 | 4.2 | 6 |
| 231 | Microstructural Evolution and Properties of 24CrNiMoY Alloy Steel Fabricated by Selective Laser Melting. <i>Journal of Materials Engineering and Performance</i> , 2019 , 28, 5521-5532 | 1.6 | 11 |
| 230 | Pro- and Anti-oxidant Properties of Redox-Active Catechol-Chitosan Films. <i>Frontiers in Chemistry</i> , 2019 , 7, 541 | 5 | 3 |
| 229 | Atomistic understanding of interfacial interactions between bone morphogenetic protein-7 and graphene with different oxidation degrees. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1900-1908 | 7.8 | 3 |
| 228 | Polyglutamic acid-coordinated assembly of hydroxyapatite nanoparticles for synergistic tumor-specific therapy. <i>Nanoscale</i> , 2019 , 11, 15312-15325 | 7.7 | 16 |

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|-----|--|------|----|
| 227 | The regulatory role of sulfated polysaccharides in facilitating rhBMP-2-induced osteogenesis. <i>Biomaterials Science</i> , 2019 , 7, 4375-4387 | 7.4 | 4 |
| 226 | Recent Findings in the Regulation of Programmed Death Ligand 1 Expression. <i>Frontiers in Immunology</i> , 2019 , 10, 1337 | 8.4 | 63 |
| 225 | Preparation and printability of high performance 15Cr13MoY alloy steel powder for direct laser deposition. <i>Powder Metallurgy</i> , 2019 , 62, 218-228 | 1.9 | 5 |
| 224 | Nicotinamide phosphoribosyltransferase postpones rat bone marrow mesenchymal stem cell senescence by mediating NAD-Sirt1 signaling. <i>Aging</i> , 2019 , 11, 3505-3522 | 5.6 | 25 |
| 223 | Role of polydopamine's redox-activity on its pro-oxidant, radical-scavenging, and antimicrobial activities. <i>Acta Biomaterialia</i> , 2019 , 88, 181-196 | 10.8 | 60 |
| 222 | Accelerated Bone Regenerative Efficiency by Regulating Sequential Release of BMP-2 and VEGF and Synergism with Sulfated Chitosan. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 1944-1955 | 5.5 | 14 |
| 221 | Electrobiofabrication: electrically based fabrication with biologically derived materials. <i>Biofabrication</i> , 2019 , 11, 032002 | 10.5 | 25 |
| 220 | Chondroitin sulfate-polydopamine modified polyethylene terephthalate with extracellular matrix-mimetic immunoregulatory functions for osseointegration. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 7756-7770 | 7.3 | 9 |
| 219 | Hybridization of graphene oxide into nanogels to acquire higher photothermal effects for therapeutic delivery. <i>Nanotechnology</i> , 2019 , 30, 115701 | 3.4 | 12 |
| 218 | Photothermally Enhanced Chemotherapy Delivered by Graphene Oxide-Based Multiresponsive Nanogels.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 330-338 | 4.1 | 5 |
| 217 | Regulatory effects of dermal papillary pluripotent stem cells on polarization of macrophages from M1 to M2 phenotype in vitro. <i>Transplant Immunology</i> , 2019 , 52, 57-67 | 1.7 | 8 |
| 216 | Preparation of thermo/redox/pH-stimulative poly(N-isopropylacrylamide-co-N,N'-dimethylaminoethyl methacrylate) nanogels and their DOX release behaviors. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1195-1203 | 5.4 | 17 |
| 215 | OCT4 maintains self-renewal and reverses senescence in human hair follicle mesenchymal stem cells through the downregulation of p21 by DNA methyltransferases. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 28 | 8.3 | 22 |
| 214 | Coupling Self-Assembly Mechanisms to Fabricate Molecularly and Electrically Responsive Films. <i>Biomacromolecules</i> , 2019 , 20, 969-978 | 6.9 | 11 |
| 213 | Characteristics and printability of K417G nickel-base alloy powder prepared by VIGA method. <i>Powder Metallurgy</i> , 2019 , 62, 30-37 | 1.9 | 3 |
| 212 | A PEG-Lysozyme hydrogel harvests multiple functions as a fit-to-shape tissue sealant for internal-use of body. <i>Biomaterials</i> , 2019 , 192, 392-404 | 15.6 | 46 |
| 211 | Increasing the removal of protein-bound uremic toxins by liposome-supported hemodialysis. <i>Artificial Organs</i> , 2019 , 43, 490-503 | 2.6 | 10 |
| 210 | Rapid initiation of guided bone regeneration driven by spatiotemporal delivery of IL-8 and BMP-2 from hierarchical MBG-based scaffold. <i>Biomaterials</i> , 2019 , 196, 122-137 | 15.6 | 70 |

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|-----|--|------|-----|
| 209 | Electrofabrication of functional materials: Chloramine-based antimicrobial film for infectious wound treatment. <i>Acta Biomaterialia</i> , 2018 , 73, 190-203 | 10.8 | 20 |
| 208 | Manipulation of VEGF-induced angiogenesis by 2-N, 6-O-sulfated chitosan. <i>Acta Biomaterialia</i> , 2018 , 71, 510-521 | 10.8 | 33 |
| 207 | Localization and promotion of recombinant human bone morphogenetic protein-2 bioactivity on extracellular matrix mimetic chondroitin sulfate-functionalized calcium phosphate cement scaffolds. <i>Acta Biomaterialia</i> , 2018 , 71, 184-199 | 10.8 | 25 |
| 206 | Development of bioabsorbable polylactide membrane with controllable hydrophilicity for adjustment of cell behaviours. <i>Royal Society Open Science</i> , 2018 , 5, 170868 | 3.3 | 10 |
| 205 | Drug-mediation formation of nanohybrids for sequential therapeutic delivery in cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 163, 284-290 | 6 | 12 |
| 204 | Enhancement of BMP-2-mediated angiogenesis and osteogenesis by 2-N,6-O-sulfated chitosan in bone regeneration. <i>Biomaterials Science</i> , 2018 , 6, 431-439 | 7.4 | 26 |
| 203 | Bio-inspired redox-cycling antimicrobial film for sustained generation of reactive oxygen species. <i>Biomaterials</i> , 2018 , 162, 109-122 | 15.6 | 40 |
| 202 | Triple cell-responsive nanogels for delivery of drug into cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 163, 362-368 | 6 | 24 |
| 201 | Extracellular matrix stiffness controls osteogenic differentiation of mesenchymal stem cells mediated by integrin β . <i>Stem Cell Research and Therapy</i> , 2018 , 9, 52 | 8.3 | 78 |
| 200 | Urethane-based low-temperature curing, highly-customized and multifunctional poly(glycerol sebacate)-co-poly(ethylene glycol) copolymers. <i>Acta Biomaterialia</i> , 2018 , 71, 279-292 | 10.8 | 24 |
| 199 | Interleukin-3 stimulates matrix metalloproteinase 12 production from macrophages promoting thoracic aortic aneurysm/dissection. <i>Clinical Science</i> , 2018 , 132, 655-668 | 6.5 | 23 |
| 198 | Deficiency of $\text{T}\beta$ cells protects against abdominal aortic aneurysms by regulating phosphoinositide 3-kinase/AKT signaling. <i>Journal of Vascular Surgery</i> , 2018 , 67, 899-908.e1 | 3.5 | 9 |
| 197 | The Key Genes of Chronic Pancreatitis which Bridge Chronic Pancreatitis and Pancreatic Cancer Can be Therapeutic Targets. <i>Pathology and Oncology Research</i> , 2018 , 24, 215-222 | 2.6 | 2 |
| 196 | pH/redox/thermo-stimulative nanogels with enhanced thermosensitivity via incorporation of cationic and anionic components for anticancer drug delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018 , 67, 288-296 | 3 | 10 |
| 195 | Formation of graphene oxide-hybridized nanogels for combinative anticancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 2387-2395 | 6 | 34 |
| 194 | The immunomodulatory role of sulfated chitosan in BMP-2-mediated bone regeneration. <i>Biomaterials Science</i> , 2018 , 6, 2496-2507 | 7.4 | 17 |
| 193 | Time-Phase Sequential Utilization of Adipose-Derived Mesenchymal Stem Cells on Mesoporous Bioactive Glass for Restoration of Critical Size Bone Defects. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 28340-28350 | 9.5 | 23 |
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