

Feng-Huei Lin

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

6,097
citations

100601

38
h-index

124990

64
g-index

212
all docs

212
docs citations

212
times ranked

9954
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Cancer as an infectious disease: A different treatment alternative using a combination of tigecycline and pyruvium pamoate – An example of breast cancer. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 51-59. | 1.5 | 7 |
| 2 | Metformin-Incorporated Gelatin/Hydroxyapatite Nanofiber Scaffold for Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2022, 28, 1-12. | 1.6 | 12 |
| 3 | In vitro evaluation of injectable Tideglusib-loaded hyaluronic acid hydrogels incorporated with Rg1-loaded chitosan microspheres for vital pulp regeneration. <i>Carbohydrate Polymers</i> , 2022, 278, 118976. | 5.1 | 11 |
| 4 | Development of resveratrol with thiolated alginate as a supplement to prevent nonalcoholic fatty liver disease (NAFLD). <i>APL Bioengineering</i> , 2022, 6, 016102. | 3.3 | 4 |
| 5 | Investigating a Curcumin-Loaded PLGA-PEG-PLGA Thermo-Sensitive Hydrogel for the Prevention of Alzheimer's Disease. <i>Antioxidants</i> , 2022, 11, 727. | 2.2 | 11 |
| 6 | Environmental Barriers and Functional Outcomes in Patients with Schizophrenia in Taiwan: The Capacity-Performance Discrepancy. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 315. | 1.2 | 3 |
| 7 | Development of di(2-ethylhexyl) phthalate-containing thioglycolic acid immobilized chitosan mucoadhesive gel as an alternative hormone therapy for menopausal syndrome. <i>Bioengineering and Translational Medicine</i> , 2022, 7, . | 3.9 | 7 |
| 8 | Engineered cell-laden thermosensitive poly(N-isopropylacrylamide)-immobilized gelatin microspheres as 3D cell carriers for regenerative medicine. <i>Materials Today Bio</i> , 2022, 15, 100266. | 2.6 | 5 |
| 9 | The Production of Fat-Containing Cultured Meat by Stacking Aligned Muscle Layers and Adipose Layers Formed From Gelatin-Soymilk Scaffold. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 875069. | 2.0 | 17 |
| 10 | The development of laminin-alginate microspheres encapsulated with Ginsenoside Rg1 and ADSCs for breast reconstruction after lumpectomy. <i>Bioactive Materials</i> , 2021, 6, 1699-1710. | 8.6 | 15 |
| 11 | Transglutaminase Cross-Linked Gelatin-Alginate-Antibacterial Hydrogel as the Drug Delivery-Coatings for Implant-Related Infections. <i>Polymers</i> , 2021, 13, 414. | 2.0 | 25 |
| 12 | Kartogenin Enhances Chondrogenic Differentiation of MSCs in 3D Tri-Copolymer Scaffolds and the Self-Designed Bioreactor System. <i>Biomolecules</i> , 2021, 11, 115. | 1.8 | 11 |
| 13 | Application of deep learning algorithm to detect and visualize vertebral fractures on plain frontal radiographs. <i>PLoS ONE</i> , 2021, 16, e0245992. | 1.1 | 24 |
| 14 | To Synthesize Hydroxyapatite by Modified Low Temperature Method Loaded with Bletilla striata Polysaccharide as Antioxidant for the Prevention of Sarcopenia by Intramuscular Administration. <i>Antioxidants</i> , 2021, 10, 488. | 2.2 | 13 |
| 15 | Oxidized Hyaluronic Acid Hydrogels as a Carrier for Constant-Release Clenbuterol Against High-Fat Diet-Induced Obesity in Mice. <i>Frontiers in Endocrinology</i> , 2021, 12, 572690. | 1.5 | 2 |
| 16 | Nitrogen-Doped Titanium Dioxide Mixed with Calcium Peroxide and Methylcellulose for Dental Bleaching under Visible Light Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3759. | 1.8 | 5 |
| 17 | Curcumin-Loaded Hydrophobic Surface-Modified Hydroxyapatite as an Antioxidant for Sarcopenia Prevention. <i>Antioxidants</i> , 2021, 10, 616. | 2.2 | 8 |
| 18 | Preparation and in-vitro evaluation of Fe ₂ O ₃ -doped DP-bioglass in combination with 3D-printing and selective laser sintering process (3DP-SLS) for alveolar bone augmentation. <i>Ceramics International</i> , 2021, 47, 12725-12734. | 2.3 | 16 |

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|----|---|-----|-----------|
| 19 | Synthesis, characterization, and evaluation of BDDE crosslinked chitosan-TGA hydrogel encapsulated with genistein for vaginal atrophy. <i>Carbohydrate Polymers</i> , 2021, 260, 117832. | 5.1 | 16 |
| 20 | Antifibrotic Effect of Bletilla striata Polysaccharide-Resveratrol-Impregnated Dual-Layer Carboxymethyl Cellulose-Based Sponge for The Prevention of Epidural Fibrosis after Laminectomy. <i>Polymers</i> , 2021, 13, 2129. | 2.0 | 9 |
| 21 | Atelocollagen-Embedded Chondrocyte Precursors as a Treatment for Grade-4 Cartilage Defects of the Femoral Condyle: A Case Series with up to 9-Year Follow-Up. <i>Biomolecules</i> , 2021, 11, 942. | 1.8 | 5 |
| 22 | Enhancement of Rotator Cuff Healing with Farnesol-Impregnated Gellan Gum/Hyaluronic Acid Hydrogel Membranes in a Rabbit Model. <i>Pharmaceutics</i> , 2021, 13, 944. | 2.0 | 7 |
| 23 | Fabrication of Stromal Cell-Derived Factor-1 Contained in Gelatin/Hyaluronate Copolymer Mixed with Hydroxyapatite for Use in Traumatic Bone Defects. <i>Micromachines</i> , 2021, 12, 822. | 1.4 | 2 |
| 24 | The Synthesis and Evaluation of RGD ⁺ Conjugated Chitosan Gel as Daily Supplement for Body Weight Control. <i>Materials</i> , 2021, 14, 4467. | 1.3 | 5 |
| 25 | Safety and Efficacy of Kartigen [®] in Treating Cartilage Defects: A Randomized, Controlled, Phase I Trial. <i>Polymers</i> , 2021, 13, 3029. | 2.0 | 4 |
| 26 | New design to remove leukocytes from platelet-rich plasma (PRP) based on cell dimension rather than density. <i>Bioactive Materials</i> , 2021, 6, 3528-3540. | 8.6 | 5 |
| 27 | Decorin inhibits the insulin-like growth factor I signaling in bone marrow mesenchymal stem cells of aged humans. <i>Aging</i> , 2021, 13, 578-597. | 1.4 | 4 |
| 28 | Substitutes and Colloidal System for Vitreous Replacement and Drug Delivery: Recent Progress and Future Prospective. <i>Polymers</i> , 2021, 13, 121. | 2.0 | 12 |
| 29 | Extracellular Vesicles of Adipose-Derived Stem Cells Promote the Healing of Traumatized Achilles Tendons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12373. | 1.8 | 28 |
| 30 | The Synthesis of Europium-Doped Calcium Carbonate by an Eco-Method as Free Radical Generator Under Low-Intensity Ultrasonic Irradiation for Body Sculpture. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 765630. | 2.0 | 4 |
| 31 | Modified Low-Temperature Extraction Method for Isolation of Bletilla striata Polysaccharide as Antioxidant for the Prevention of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12760. | 1.8 | 11 |
| 32 | Design Strategy for a Hydroxide-Triggered pH-Responsive Hydrogel as a Mucoadhesive Barrier to Prevent Metabolism Disorders. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58340-58351. | 4.0 | 9 |
| 33 | Thiolated Chitosan as an Intestinal Absorption Carrier with Hesperidin Encapsulation for Obesity Treatment. <i>Nutrients</i> , 2021, 13, 4405. | 1.7 | 8 |
| 34 | Fish-Scale Collagen Membrane Seeded with Corneal Endothelial Cells as Alternative Graft for Endothelial Keratoplasty Transplantation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2570-2577. | 2.6 | 11 |
| 35 | Impact of cervical sagittal parameters and spinal cord morphology in cervical spondylotic myelopathy status post spinous process-splitting laminoplasty. <i>European Spine Journal</i> , 2020, 29, 1052-1060. | 1.0 | 17 |
| 36 | Hyaluronic Acid Loaded with Cerium Oxide Nanoparticles as Antioxidant in Hydrogen Peroxide Induced Chondrocytes Injury: An In Vitro Osteoarthritis Model. <i>Molecules</i> , 2020, 25, 4407. | 1.7 | 18 |

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|----|--|-----|-----------|
| 37 | Polysaccharide Extracted from <i>Bletilla striata</i> Promotes Proliferation and Migration of Human Tenocytes. <i>Polymers</i> , 2020, 12, 2567. | 2.0 | 17 |
| 38 | Characterization and evaluation of porous hydroxyapatite synthesized by oil-in-water method as carrier of donepezil for the preventive of Alzheimer's disease by controlled release. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 1216-1227. | 1.0 | 4 |
| 39 | Using C-doped TiO ₂ Nanoparticles as a Novel Sonosensitizer for Cancer Treatment. <i>Antioxidants</i> , 2020, 9, 880. | 2.2 | 40 |
| 40 | An electrospun nerve wrap comprising <i>Bletilla striata</i> polysaccharide with dual function for nerve regeneration and scar prevention. <i>Carbohydrate Polymers</i> , 2020, 250, 116981. | 5.1 | 23 |
| 41 | In Vitro Differentiation of Human Placenta-Derived Multipotent Cells into Schwann-Like Cells. <i>Biomolecules</i> , 2020, 10, 1657. | 1.8 | 5 |
| 42 | Cytokine and Growth Factor Delivery from Implanted Platelet-Rich Fibrin Enhances Rabbit Achilles Tendon Healing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3221. | 1.8 | 20 |
| 43 | Three-Dimensional Printed Porous Titanium Screw with Bioactive Surface Modification for Bone Tendon Healing: A Rabbit Animal Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3628. | 1.8 | 13 |
| 44 | A Dynamic Hanging-Drop System for Mesenchymal Stem Cell Culture. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4298. | 1.8 | 30 |
| 45 | Combined Effect of Citrate and Fluoride Ions on Hydroxyapatite Nanoparticles. <i>Crystal Growth and Design</i> , 2020, 20, 3163-3172. | 1.4 | 16 |
| 46 | Enhancement of Neurite Outgrowth by Warming Biomaterial Ultrasound Treatment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2236. | 1.8 | 2 |
| 47 | Mucoadhesive <i>Bletilla striata</i> Polysaccharide-Based Artificial Tears to Relieve Symptoms and Inflammation in Rabbit with Dry Eyes Syndrome. <i>Polymers</i> , 2020, 12, 1465. | 2.0 | 18 |
| 48 | Thermosensitive Chitosan-Gelatin-Glycerol Phosphate Hydrogels as Collagenase Carrier for Tendon Bone Healing in a Rabbit Model. <i>Polymers</i> , 2020, 12, 436. | 2.0 | 24 |
| 49 | Effects of Highly Oxygenated Water in a Hyperuricemia Rat Model. <i>Journal of Healthcare Engineering</i> , 2020, 2020, 1-8. | 1.1 | 6 |
| 50 | CharXgen-Activated Bamboo Charcoal Encapsulated in Sodium Alginate Microsphere as the Absorbent of Uremic Toxins to Retard Kidney Function Deterioration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1257. | 1.8 | 4 |
| 51 | The preparation of cell-containing microbubble scaffolds to mimic alveoli structure as a 3D drug-screening system for lung cancer. <i>Biofabrication</i> , 2020, 12, 025031. | 3.7 | 13 |
| 52 | Fluorinated Montmorillonite and 3YSZ as the Inorganic Fillers in Fluoride-Releasing and Rechargeable Dental Composition Resin. <i>Polymers</i> , 2020, 12, 223. | 2.0 | 7 |
| 53 | Formability of Fe-doped bioglass scaffold via selective laser sintering. <i>Ceramics International</i> , 2020, 46, 16510-16517. | 2.3 | 11 |
| 54 | Systemically delivered antibody-labeled magnetic iron oxide nanoparticles are less toxic than plain nanoparticles when activated by alternating magnetic fields. <i>International Journal of Hyperthermia</i> , 2020, 37, 59-75. | 1.1 | 4 |

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|----|--|-----|-----------|
| 55 | Partial enzyme digestion facilitates regeneration of crushed nerve in rat. <i>Translational Neuroscience</i> , 2020, 11, 251-263. | 0.7 | 2 |
| 56 | The preparation of oxidized methylcellulose crosslinked by adipic acid dihydrazide loaded with vitamin C for traumatic brain injury. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4499-4508. | 2.9 | 19 |
| 57 | The Effect of the Repression of Oxidative Stress on Tenocyte Differentiation: A Preliminary Study of a Rat Cell Model Using a Novel Differential Tensile Strain Bioreactor. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3437. | 1.8 | 12 |
| 58 | In Vitro and In Vivo Evaluations of Mesoporous Iron Particles for Iron Bioavailability. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5291. | 1.8 | 8 |
| 59 | Results of using robotic-assisted navigational system in pedicle screw placement. <i>PLoS ONE</i> , 2019, 14, e0220851. | 1.1 | 10 |
| 60 | The Development of Gelatin/Hyaluronate Copolymer Mixed with Calcium Sulfate, Hydroxyapatite, and Stromal-Cell-Derived Factor-1 for Bone Regeneration Enhancement. <i>Polymers</i> , 2019, 11, 1454. | 2.0 | 20 |
| 61 | Fluorinated Montmorillonite Composite Resin as a Dental Pit and Fissure Sealant. <i>Polymers</i> , 2019, 11, 1535. | 2.0 | 11 |
| 62 | The chitosan/tri-calcium phosphate bio-composite bone cement promotes better osteo-integration: an in vitro and in vivo study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 162. | 0.9 | 31 |
| 63 | The Synthesis and Characterization of PEG-SH-Modified Gold Nanoparticle in One-Pot Synthesis by <i>Stenotrophomonas maltophilia</i> . <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7278-7284. | 0.9 | 1 |
| 64 | Carbon-Doped TiO ₂ Activated by X-Ray Irradiation for the Generation of Reactive Oxygen Species to Enhance Photodynamic Therapy in Tumor Treatment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2072. | 1.8 | 16 |
| 65 | Characteristics of an alternative antibacterial biomaterial for mouthwash in the absence of alcohol. <i>Journal of Dental Sciences</i> , 2019, 14, 192-197. | 1.2 | 10 |
| 66 | Drug-loaded hyaluronic acid hydrogel as a sustained-release regimen with dual effects in early intervention of tendinopathy. <i>Scientific Reports</i> , 2019, 9, 4784. | 1.6 | 34 |
| 67 | Rare-Earth-Doped Calcium Carbonate Exposed to X-ray Irradiation to Induce Reactive Oxygen Species for Tumor Treatment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1148. | 1.8 | 9 |
| 68 | Electrospun Water-Borne Polyurethane Nanofibrous Membrane as a Barrier for Preventing Postoperative Peritendinous Adhesion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1625. | 1.8 | 23 |
| 69 | Biomimetic Synthesis of Nanocrystalline Hydroxyapatite Composites: Therapeutic Potential and Effects on Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6002. | 1.8 | 38 |
| 70 | Cooperative impact of thiazolidinedione and fatty acid synthase on human osteogenesis. <i>Aging</i> , 2019, 11, 2327-2342. | 1.4 | 4 |
| 71 | Optimization of puncture injury to rat caudal disc for mimicking early degeneration of intervertebral disc. <i>Journal of Orthopaedic Research</i> , 2018, 36, 202-211. | 1.2 | 26 |
| 72 | Efficacy of <i>Bletilla striata</i> polysaccharide on hydrogen peroxide-induced apoptosis of osteoarthritic chondrocytes. <i>Journal of Polymer Research</i> , 2018, 25, 1. | 1.2 | 27 |

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|----|--|-----|-----------|
| 73 | Intratumoral injection of thermogelling and sustained-release carboplatin-loaded hydrogel simplifies the administration and remains the synergistic effect with radiotherapy for mice gliomas. <i>Biomaterials</i> , 2018, 151, 38-52. | 5.7 | 31 |
| 74 | Stem cells rescue cardiomyopathy induced by <i>P. gingivalis</i> LPS via miR-181b. <i>Journal of Cellular Physiology</i> , 2018, 233, 5869-5876. | 2.0 | 9 |
| 75 | ROS-induced HepG2 cell death from hyperthermia using magnetic hydroxyapatite nanoparticles. <i>Nanotechnology</i> , 2018, 29, 375101. | 1.3 | 24 |
| 76 | Calcium phosphate particles stimulate exosome secretion from phagocytes for the enhancement of drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 391-397. | 2.5 | 38 |
| 77 | Treatment of osteoarthritis with collagen-based scaffold: A porcine animal model with xenograft mesenchymal stem cells. <i>Histology and Histopathology</i> , 2018, 33, 1271-1286. | 0.5 | 9 |
| 78 | Preparation of arginine–glycine–aspartic acid-modified biopolymeric nanoparticles containing epigallocatechin-3-gallate for targeting vascular endothelial cells to inhibit corneal neovascularization. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 279-294. | 3.3 | 39 |
| 79 | Evaluation of a laminin-alginate biomaterial, adipocytes, and adipocyte-derived stem cells interaction in animal autologous fat grafting model using 7-Tesla magnetic resonance imaging. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 18. | 1.7 | 8 |
| 80 | Non-invasive Photodynamic Therapy in Brain Cancer by Use of Tb ³⁺ -Doped LaF ₃ Nanoparticles in Combination with Photosensitizer Through X-ray Irradiation: A Proof-of-Concept Study. <i>Nanoscale Research Letters</i> , 2017, 12, 62. | 3.1 | 55 |
| 81 | Modulating Three-Dimensional Microenvironment with Hyaluronan of Different Molecular Weights Alters Breast Cancer Cell Invasion Behavior. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9327-9338. | 4.0 | 41 |
| 82 | Bone morphogenetic protein-2 loaded poly(D,L-lactide-co-glycolide) microspheres enhance osteogenic potential of gelatin/hydroxyapatite/tricalcium phosphate cryogel composite for alveolar ridge augmentation. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 973-981. | 0.8 | 29 |
| 83 | Mesoporous hydroxyapatite as a carrier of olanzapine for long-acting antidepressant treatment in rats with induced depression. <i>Journal of Controlled Release</i> , 2017, 255, 62-72. | 4.8 | 34 |
| 84 | A novel compressive stress-based osteoarthritis-like chondrocyte system. <i>Experimental Biology and Medicine</i> , 2017, 242, 1062-1071. | 1.1 | 17 |
| 85 | Effects of thermosensitive chitosan-gelatin based hydrogel containing glutathione on Cisd2-deficient chondrocytes under oxidative stress. <i>Carbohydrate Polymers</i> , 2017, 173, 17-27. | 5.1 | 17 |
| 86 | Wing-augmentation reduces femoral head cutting out of dynamic hip screw. <i>Medical Engineering and Physics</i> , 2017, 44, 73-78. | 0.8 | 1 |
| 87 | Protective effects of aucubin on osteoarthritic chondrocyte model induced by hydrogen peroxide and mechanical stimulus. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 91. | 3.7 | 32 |
| 88 | Development of Ce-doped TiO ₂ activated by X-ray irradiation for alternative cancer treatment. <i>Ceramics International</i> , 2017, 43, 12675-12683. | 2.3 | 26 |
| 89 | Percutaneous pedicle screw placement under single dimensional fluoroscopy with a designed pedicle finder—a technical note and case series. <i>Spine Journal</i> , 2017, 17, 1373-1380. | 0.6 | 6 |
| 90 | Laminin-Alginate Beads as Preadipocyte Carriers to Enhance Adipogenesis <i>In Vitro</i> and <i>In Vivo</i> . <i>Tissue Engineering - Part A</i> , 2017, 23, 185-194. | 1.6 | 18 |

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|-----|--|-----|-----------|
| 91 | Intracellular triggered release of DNA-quaternary ammonium polyplex by ultrasound. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 70-77. | 3.8 | 8 |
| 92 | In vitro and in vivo assessment of chitosan modified urocanic acid as gene carrier. <i>Materials Science and Engineering C</i> , 2017, 70, 599-606. | 3.8 | 9 |
| 93 | Overexpression of Insulin-Like Growth Factor 1 Enhanced the Osteogenic Capability of Aging Bone Marrow Mesenchymal Stem Cells. <i>Theranostics</i> , 2017, 7, 1598-1611. | 4.6 | 32 |
| 94 | Herbal Supplement in a Buffer for Dry Eye Syndrome Treatment. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1697. | 1.8 | 13 |
| 95 | Assessment of the suitability of biodegradable rods for use in posterior lumbar fusion: An in-vitro biomechanical evaluation and finite element analysis. <i>PLoS ONE</i> , 2017, 12, e0188034. | 1.1 | 14 |
| 96 | A novel double-targeted nondrug delivery system for targeting cancer stem cells. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6667-6678. | 3.3 | 30 |
| 97 | Recovery of oxidative stress-induced damage in Cisd2-deficient cardiomyocytes by sustained release of ferulic acid from injectable hydrogel. <i>Biomaterials</i> , 2016, 103, 207-218. | 5.7 | 36 |
| 98 | Hafnium-doped hydroxyapatite nanoparticles with ionizing radiation for lung cancer treatment. <i>Acta Biomaterialia</i> , 2016, 37, 165-173. | 4.1 | 76 |
| 99 | An alginate-based platform for cancer stem cell research. <i>Acta Biomaterialia</i> , 2016, 37, 83-92. | 4.1 | 39 |
| 100 | C-phycoerythrin alleviates osteoarthritic injury in chondrocytes stimulated with H ₂ O ₂ and compressive stress. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 852-859. | 3.6 | 22 |
| 101 | Highly Branched Poly(β -amino esters) for Non-Viral Gene Delivery: High Transfection Efficiency and Low Toxicity Achieved by Increasing Molecular Weight. <i>Biomacromolecules</i> , 2016, 17, 3640-3647. | 2.6 | 78 |
| 102 | 3D cell clusters combined with a bioreactor system to enhance the drug metabolism activities of C3A hepatoma cell lines. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7000-7008. | 2.9 | 5 |
| 103 | Modifying alginate with early embryonic extracellular matrix, laminin, and hyaluronic acid for adipose tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 669-677. | 2.1 | 15 |
| 104 | Development of gelatin nanoparticles conjugated with phytohemagglutinin erythroagglutinating loaded with gemcitabine for inducing apoptosis in non-small cell lung cancer cells. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2444-2454. | 2.9 | 18 |
| 105 | Studies of magnetic alginate-based electrospun matrices crosslinked with different methods for potential hyperthermia treatment. <i>Materials Science and Engineering C</i> , 2016, 62, 338-349. | 3.8 | 19 |
| 106 | Fabrication of keratin/fibroin membranes by electrospinning for vascular tissue engineering. <i>Journal of Materials Chemistry B</i> , 2016, 4, 237-244. | 2.9 | 33 |
| 107 | Hydroxyapatite-calcium sulfate-hyaluronic acid composite encapsulated with collagenase as bone substitute for alveolar bone regeneration. <i>Biomaterials</i> , 2016, 74, 99-108. | 5.7 | 105 |
| 108 | 3D Porous Calcium-Alginate Scaffolds Cell Culture System Improved Human Osteoblast Cell Clusters for Cell Therapy. <i>Theranostics</i> , 2015, 5, 643-655. | 4.6 | 81 |

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|-----|---|-----|-----------|
| 109 | Functionalized magnetic iron oxide/alginate core-shell nanoparticles for targeting hyperthermia. <i>International Journal of Nanomedicine</i> , 2015, 10, 3315. | 3.3 | 71 |
| 110 | Quantitative Analysis of Ligand-EGFR Interactions: A Platform for Screening Targeting Molecules. <i>PLoS ONE</i> , 2015, 10, e0116610. | 1.1 | 23 |
| 111 | Insulin-loaded hydroxyapatite combined with macrophage activity to deliver insulin for diabetes mellitus. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2331-2340. | 2.9 | 20 |
| 112 | A potent inhibition of oxidative stress induced gene expression in neural cells by sustained ferulic acid release from chitosan based hydrogel. <i>Materials Science and Engineering C</i> , 2015, 49, 691-699. | 3.8 | 35 |
| 113 | Carbon encapsulated iron oxide nanoparticles surface engineered with polyethylene glycol-folic acid to induce selective hyperthermia in folate over expressed cancer cells. <i>International Journal of Pharmaceutics</i> , 2015, 480, 8-14. | 2.6 | 40 |
| 114 | Development of lattice-inserted 5-Fluorouracil-hydroxyapatite nanoparticles as a chemotherapeutic delivery system. <i>Journal of Biomaterials Applications</i> , 2015, 30, 388-397. | 1.2 | 19 |
| 115 | ROS-induced toxicity: exposure of 3T3, RAW264.7, and MCF7 cells to superparamagnetic iron oxide nanoparticles results in cell death by mitochondria-dependent apoptosis. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1. | 0.8 | 14 |
| 116 | Mesoporous Hydroxyapatite as Olanzapine Carrier Provides a Long-Acting Effect in Antidepressant Treatment. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8463-8474. | 2.9 | 11 |
| 117 | The characterization and evaluation of cisplatin-loaded magnetite-hydroxyapatite nanoparticles (mHAp/CDDP) as dual treatment of hyperthermia and chemotherapy for lung cancer therapy. <i>Ceramics International</i> , 2015, 41, 2399-2410. | 2.3 | 32 |
| 118 | A Novel Chitosan- β PGA Polyelectrolyte Complex Hydrogel Promotes Early New Bone Formation in the Alveolar Socket Following Tooth Extraction. <i>PLoS ONE</i> , 2014, 9, e92362. | 1.1 | 24 |
| 119 | Effect of Tricalcium Aluminate on the Physicochemical Properties, Bioactivity, and Biocompatibility of Partially Stabilized Cements. <i>PLoS ONE</i> , 2014, 9, e106754. | 1.1 | 13 |
| 120 | Photoluminescence and doping mechanism of theranostic Eu ³⁺ /Fe ³⁺ dual-doped hydroxyapatite nanoparticles. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 055005. | 2.8 | 32 |
| 121 | Application of carbon nanotubes layered on silicon wafer for the detection of breast cancer marker carbohydrate antigen 15-3 by immuno-polymerase chain reaction. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 101-111. | 1.7 | 15 |
| 122 | Design and synthesis of elastin-like polypeptides for an ideal nerve conduit in peripheral nerve regeneration. <i>Materials Science and Engineering C</i> , 2014, 38, 119-126. | 3.8 | 16 |
| 123 | Development of a dual-functional Pt-Fe-HAP magnetic nanoparticles application for chemo-hyperthermia treatment of cancer. <i>Ceramics International</i> , 2014, 40, 5117-5127. | 2.3 | 40 |
| 124 | Development of calcium phosphate/sulfate biphasic cement for vital pulp therapy. <i>Dental Materials</i> , 2014, 30, e362-e370. | 1.6 | 12 |
| 125 | Anti-inflammatory effects of hydrophilic and lipophilic statins with hyaluronic acid against LPS-induced inflammation in porcine articular chondrocytes. <i>Journal of Orthopaedic Research</i> , 2014, 32, 557-565. | 1.2 | 37 |
| 126 | Fabrication of multiwalled carbon nanotubes-magnetite nanocomposite as an effective ultra-sensing platform for the early screening of nasopharyngeal carcinoma by luminescence immunoassay. <i>Talanta</i> , 2014, 122, 195-200. | 2.9 | 14 |

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|-----|--|-----|-----------|
| 127 | Differentiation of lung stem/progenitor cells into alveolar pneumocytes and induction of angiogenesis within a 3D gelatin "Microbubble scaffold. <i>Biomaterials</i> , 2014, 35, 5660-5669. | 5.7 | 55 |
| 128 | Fabrication of large perfusable macroporous cell-laden hydrogel scaffolds using microbial transglutaminase. <i>Acta Biomaterialia</i> , 2014, 10, 912-920. | 4.1 | 40 |
| 129 | Thermosensitive hydrogel made of ferulic acid-gelatin and chitosan glycerophosphate. <i>Carbohydrate Polymers</i> , 2013, 92, 1512-1519. | 5.1 | 57 |
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