

Gamze Torun KÃ–se

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,448
citations

361045

20
h-index

329751

37
g-index

51
all docs

51
docs citations

51
times ranked

2438
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Polyester based nerve guidance conduit design. <i>Biomaterials</i> , 2010, 31, 1596-1603. | 5.7 | 127 |
| 2 | Tissue engineered cartilage on collagen and PHBV matrices. <i>Biomaterials</i> , 2005, 26, 5187-5197. | 5.7 | 119 |
| 3 | Micro-arc oxidation of Ti6Al4V and Ti6Al7Nb alloys for biomedical applications. <i>Materials Characterization</i> , 2011, 62, 304-311. | 1.9 | 101 |
| 4 | 3D printed poly(μ -caprolactone) scaffolds modified with hydroxyapatite and poly(propylene fumarate) and their effects on the healing of rabbit femur defects. <i>Biomaterials Science</i> , 2017, 5, 2144-2158. | 2.6 | 72 |
| 5 | Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) based tissue engineering matrices. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 121-126. | 1.7 | 66 |
| 6 | In Vivo Tissue Engineering of Bone Using Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) and Collagen Scaffolds. <i>Tissue Engineering</i> , 2004, 10, 1234-1250. | 4.9 | 65 |
| 7 | Tissue engineering of bone on micropatterned biodegradable polyester films. <i>Biomaterials</i> , 2006, 27, 885-895. | 5.7 | 60 |
| 8 | Characterization of cancer stem-like cells in chordoma. <i>Journal of Neurosurgery</i> , 2012, 116, 810-820. | 0.9 | 60 |
| 9 | Microfibrous scaffolds from poly(L-lactide-co- μ -caprolactone) blended with xeno-free collagen/hyaluronic acid for improvement of vascularization in tissue engineering applications. <i>Materials Science and Engineering C</i> , 2019, 97, 31-44. | 3.8 | 59 |
| 10 | Bone response to biomimetic implants delivering BMP-2 and VEGF: An immunohistochemical study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2013, 41, 826-835. | 0.7 | 53 |
| 11 | Dynamic cell culturing and its application to micropatterned, elastin-like protein-modified poly(N-isopropylacrylamide) scaffolds. <i>Biomaterials</i> , 2009, 30, 5417-5426. | 5.7 | 48 |
| 12 | The Effect of Subcutaneous Mesenchymal Stem Cell Injection on Stasis Zone and Apoptosis in an Experimental Burn Model. <i>Plastic and Reconstructive Surgery</i> , 2013, 131, 463-471. | 0.7 | 43 |
| 13 | Effect of double growth factor release on cartilage tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 149-160. | 1.3 | 40 |
| 14 | Dental Stem Cells in Bone Tissue Engineering: Current Overview and Challenges. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1107, 113-127. | 0.8 | 40 |
| 15 | Tissue Engineered, Guided Nerve Tube Consisting of Aligned Neural Stem Cells and Astrocytes. <i>Biomacromolecules</i> , 2010, 11, 3584-3591. | 2.6 | 39 |
| 16 | Hyaluronic Acid/Chitosan Coacervate-Based Scaffolds. <i>Biomacromolecules</i> , 2018, 19, 1198-1211. | 2.6 | 37 |
| 17 | Influence of co-culture on osteogenesis and angiogenesis of bone marrow mesenchymal stem cells and aortic endothelial cells. <i>Microvascular Research</i> , 2016, 108, 1-9. | 1.1 | 35 |
| 18 | Optimisation of micro-arc oxidation electrolyte for fabrication of antibacterial coating on titanium. <i>Materials Technology</i> , 2018, 33, 119-126. | 1.5 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Polybutylene Succinate (PBS) â€“ Polycaprolactone (PCL) Blends Compatibilized with Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overbo for Biomaterial Applications. Polymer-Plastics Technology and Engineering, 2014, 53, 1178-1193. | 1.9 | 23 |
| 20 | Surface modification of Ti6Al4V by micro-arc oxidation in AgC₂H₃O₂-containing electrolyte. Surface Innovations, 2018, 6, 277-285. | 1.4 | 23 |
| 21 | Cytotoxicity of local anesthetics to rats articular cartilage: an experimental study. Acta Orthopaedica Et Traumatologica Turcica, 2012, 46, 201-207. | 0.3 | 22 |
| 22 | Collagen scaffolds with in situ-grown calcium phosphate for osteogenic differentiation of Wharton's jelly and menstrual blood stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2012, 8, n/a-n/a. | 1.3 | 19 |
| 23 | Acrylic bone cements: Effects of the poly(methyl methacrylate) powder size and chitosan addition on their properties. Journal of Applied Polymer Science, 2014, 131, . | 1.3 | 19 |
| 24 | Poly(amino acid)-based fibrous scaffolds modified with surface-pendant peptides for cartilage tissue engineering. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 831-842. | 1.3 | 19 |
| 25 | Response of CD44+/CD24âˆ“/low breast cancer stem/progenitor cells to tamoxifen- and doxorubicin-induced autophagy. International Journal of Molecular Medicine, 2013, 31, 1477-1483. | 1.8 | 18 |
| 26 | Role of STRO-1 sorting of porcine dental germ stem cells in dental stem cell-mediated bone tissue engineering. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 607-618. | 1.9 | 18 |
| 27 | Gene Therapy Strategies in Bone Tissue Engineering and Current Clinical Applications. Advances in Experimental Medicine and Biology, 2018, 1119, 85-101. | 0.8 | 18 |
| 28 | Fibrous bone tissue engineering scaffolds prepared by wet spinning of PLGA. Turkish Journal of Biology, 2019, 43, 235-245. | 2.1 | 18 |
| 29 | Chondro-inductive hyaluronic acid/chitosan coacervate-based scaffolds for cartilage tissue engineering. International Journal of Biological Macromolecules, 2021, 188, 300-312. | 3.6 | 17 |
| 30 | Low-Molecular-Weight Heparin-Conjugated Liposomes with Improved Stability and Hemocompatibility. Drug Delivery, 1998, 5, 257-264. | 2.5 | 16 |
| 31 | Targeted mesenchymal stem cell and vascular endothelial growth factor strategies for repair of nerve defects with nerve tissue implanted autogenous vein graft conduits. Microsurgery, 2016, 36, 578-585. | 0.6 | 15 |
| 32 | Behavior of mammalian cells on magnesium substituted bare and hydroxyapatite deposited (Ti,Mg)N coatings. New Biotechnology, 2015, 32, 747-755. | 2.4 | 13 |
| 33 | Evaluation of natural gum-based cryogels for soft tissue engineering. Carbohydrate Polymers, 2021, 271, 118407. | 5.1 | 13 |
| 34 | Bone Formation from Porcine Dental Germ Stem Cells on Surface Modified Polybutylene Succinate Scaffolds. Stem Cells International, 2016, 2016, 1-16. | 1.2 | 12 |
| 35 | Investigation of Vasculogenesis Inducing Biphasic Scaffolds for Bone Tissue Engineering. ACS Biomaterials Science and Engineering, 2021, 7, 1526-1538. | 2.6 | 12 |
| 36 | Cartilage tissue engineering on macroporous scaffolds using human tooth germ stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 765-777. | 1.3 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Effect of Magnesium and Osteoblast Cell Presence on Hydroxyapatite Formation on (Ti,Mg)N Thin Film Coatings. <i>Jom</i> , 2017, 69, 1195-1205. | 0.9 | 8 |
| 38 | Effect of different pore sizes of 3D printed PLA-based scaffold in bone tissue engineering. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 1021-1031. | 1.8 | 8 |
| 39 | Effect of hyperbaric oxygen therapy on bone prefabrication in rats. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2010, 44, 403-409. | 0.3 | 7 |
| 40 | Prefabrication of vascularized bone graft using an interconnected porous calcium hydroxyapatite ceramic in presence of vascular endothelial growth factor and bone marrow mesenchymal stem cells: Experimental study in rats. <i>Indian Journal of Plastic Surgery</i> , 2012, 45, 444. | 0.2 | 6 |
| 41 | Biodegradable polymeric networks of poly(propylene fumarate) and phosphonic acid–based monomers. <i>Polymer International</i> , 2020, 69, 1283-1296. | 1.6 | 4 |
| 42 | In vitro evaluation of PLLA/PBS sponges as a promising biodegradable scaffold for neural tissue engineering. <i>Turkish Journal of Biology</i> , 2017, 41, 734-745. | 2.1 | 4 |
| 43 | The effect of polyethylenglycol gel on the delivery and osteogenic differentiation of homologous tooth germ–derived stem cells in a porcine model. <i>Clinical Oral Investigations</i> , 2021, 25, 3043-3057. | 1.4 | 2 |
| 44 | Assessment of bone healing using (<sc>Ti,Mg)N</sc> thin film coated plates and screws: Rabbit femur model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 227-237. | 1.6 | 2 |
| 45 | Cartilage Tissue Engineering. <i>Advances in Experimental Medicine and Biology</i> , 2004, 553, 317-329. | 0.8 | 2 |
| 46 | Potential Use of Dental Stem Cells for Craniofacial Tissue Regeneration. <i>Pancreatic Islet Biology</i> , 2013, , 105-124. | 0.1 | 2 |
| 47 | A novel method for providing scaffold: Decellularization of parathyroid capsule. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1201-1212. | 1.2 | 2 |
| 48 | Tissue transglutaminase_ variant 2–transduced mesenchymal stem cells and their chondrogenic potential. <i>Biotechnology and Bioengineering</i> , 2020, 117, 1839-1852. | 1.7 | 1 |
| 49 | Osteo/odontogenic differentiation analysis of dental stem cells from tooth germ, apical papilla, and dental follicle. <i>Oral Science International</i> , 2022, 19, 180-192. | 0.3 | 1 |
| 50 | An in vitro human skeletal muscle model: coculture of myotubes, neuron-like cells, and the capillary network. <i>Turkish Journal of Biology</i> , 2017, 41, 514-525. | 2.1 | 0 |
| 51 | Spinal Cord Injury: Tissue Engineering Using Neural Stem Cells. , 2013, , 271-287. | | 0 |