

Birol Ay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2157717/publications.pdf>

Version: 2024-02-01

9
papers

141
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

314
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Reduction of lesion in injured rat spinal cord and partial functional recovery of motility after bone marrow derived mesenchymal stem cell transplantation. Turkish Neurosurgery, 2011, 22, 207-17. | 0.2 | 34 |
| 2 | Assessments of injectable alginate particle-embedded fibrin hydrogels for soft tissue reconstruction. Biomedical Materials (Bristol), 2013, 8, 014105. | 3.3 | 33 |
| 3 | Exploring the mechanism behind improved osteointegration of phosphorylated titanium implants with hierarchically structured topography. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110520. | 5.0 | 20 |
| 4 | Hyperglycemia compromises Rat Cortical Bone by Increasing Osteocyte Lacunar Density and Decreasing Vascular Canal Volume. Communications Biology, 2020, 3, 20. | 4.4 | 17 |
| 5 | Chitosan-based asymmetric topological membranes with cell-like features for healthcare applications. Journal of Materials Chemistry B, 2019, 7, 2634-2642. | 5.8 | 14 |
| 6 | Bioinspired Fabrication of Calcium-Doped TiP Coating with Nanofibrous Microstructure to Accelerate Osseointegration. Bioconjugate Chemistry, 2020, 31, 1641-1650. | 3.6 | 10 |
| 7 | Skeletal muscle patch engineering on synthetic and acellular human skeletal muscle originated scaffolds. Journal of Biomedical Materials Research - Part A, 2017, 105, 879-890. | 4.0 | 6 |
| 8 | Maternal GNAS Contributes to the Extra-Large G Protein α -Subunit (XL α s) Expression in a Cell Type-Specific Manner. Frontiers in Genetics, 2021, 12, 680537. | 2.3 | 4 |
| 9 | A "best fit" approach for synergistic surface parameters to guide the design of candidate implant surfaces. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 2165-2177. | 3.4 | 3 |