

Yongsung Hwang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/267110/publications.pdf>

Version: 2024-02-01

21
papers

1,005
citations

567281

15
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1854
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Novel Strategy for Creating an Antibacterial Surface Using a Highly Efficient Electrospray-Based Method for Silica Deposition. <i>International Journal of Molecular Sciences</i> , 2022, 23, 513. | 4.1 | 8 |
| 2 | Ameliorating Fibrotic Phenotypes of Keloid Dermal Fibroblasts through an Epidermal Growth Factor-Mediated Extracellular Matrix Remodeling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2198. | 4.1 | 4 |
| 3 | Heparin-Mimicking Polymer-Based In Vitro Platform Recapitulates In Vivo Muscle Atrophy Phenotypes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2488. | 4.1 | 5 |
| 4 | Hyaluronic Acid Treatment Improves Healing of the Tenorrhaphy Site by Suppressing Adhesions through Extracellular Matrix Remodeling in a Rat Model. <i>Polymers</i> , 2021, 13, 928. | 4.5 | 6 |
| 5 | Effects on Wound Healing of Human-Induced Pluripotent Stem Cell-Derived Cells Similar to Endothelial Colony-Forming Cells. <i>Journal of Wound Management and Research</i> , 2020, 16, 3-12. | 0.3 | 3 |
| 6 | Traction Force Microscopy for Understanding Cellular Mechanotransduction. <i>BMB Reports</i> , 2020, 53, 74-081. | 2.4 | 39 |
| 7 | MBP-FGF2-Immobilized Matrix Maintains Self-Renewal and Myogenic Differentiation Potential of Skeletal Muscle Stem Cells. <i>International Journal of Stem Cells</i> , 2019, 12, 360-366. | 1.8 | 3 |
| 8 | Matrix Topographical Cue-Mediated Myogenic Differentiation of Human Embryonic Stem Cell Derivatives. <i>Polymers</i> , 2017, 9, 580. | 4.5 | 18 |
| 9 | In vivo comparison of biomineralized scaffold-directed osteogenic differentiation of human embryonic and mesenchymal stem cells. <i>Drug Delivery and Translational Research</i> , 2016, 6, 121-131. | 5.8 | 18 |
| 10 | The matrix protein Fibulin-5 is at the interface of tissue stiffness and inflammation in fibrosis. <i>Nature Communications</i> , 2015, 6, 8574. | 12.8 | 64 |
| 11 | Biomimetic Material-Assisted Delivery of Human Embryonic Stem Cell Derivatives for Enhanced In Vivo Survival and Engraftment. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 7-12. | 5.2 | 16 |
| 12 | Mineralized gelatin methacrylate-based matrices induce osteogenic differentiation of human induced pluripotent stem cells. <i>Acta Biomaterialia</i> , 2014, 10, 4961-4970. | 8.3 | 89 |
| 13 | Biomineralized matrix-assisted osteogenic differentiation of human embryonic stem cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5676. | 5.8 | 28 |
| 14 | WNT3A promotes myogenesis of human embryonic stem cells and enhances in vivo engraftment. <i>Scientific Reports</i> , 2014, 4, 5916. | 3.3 | 34 |
| 15 | Engineering cell-material interfaces for long-term expansion of human pluripotent stem cells. <i>Biomaterials</i> , 2013, 34, 912-921. | 11.4 | 47 |
| 16 | Directed In Vitro Myogenesis of Human Embryonic Stem Cells and Their In Vivo Engraftment. <i>PLoS ONE</i> , 2013, 8, e72023. | 2.5 | 37 |
| 17 | Effect of scaffold microarchitecture on osteogenic differentiation of human mesenchymal stem cells. <i>Journal of Materials Chemistry B</i> , 2013, 25, 114-129. | | 76 |
| 18 | Engineered microenvironments for self-renewal and musculoskeletal differentiation of stem cells. <i>Regenerative Medicine</i> , 2011, 6, 505-524. | 1.7 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Engineering the cellâ€‘material interface for controlling stem cell adhesion, migration, and differentiation. <i>Biomaterials</i> , 2011, 32, 3700-3711. | 11.4 | 288 |
| 20 | Interconnected Macroporous Poly(Ethylene Glycol) Cryogels as a Cell Scaffold for Cartilage Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2010, 16, 3033-3041. | 3.1 | 78 |
| 21 | Poly(ethylene glycol) cryogels as potential cell scaffolds: effect of polymerization conditions on cryogel microstructure and properties. <i>Journal of Materials Chemistry</i> , 2010, 20, 345-351. | 6.7 | 93 |