

# Yang-Hee Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

751  
citations

687363

13  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1190  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Osteogenic and angiogenic tissue formation in high fidelity nanocomposite Laponite-gelatin bioinks. <i>Biofabrication</i> , 2019, 11, 035027.   | 7.1  | 142       |
| 2  | Enhancement of bone regeneration by dual release of a macrophage recruitment agent and platelet-rich plasma from gelatin hydrogels. <i>Biomaterials</i> , 2014, 35, 214-224.  | 11.4 | 122       |
| 3  | Dual-controlled release system of drugs for bone regeneration. <i>Advanced Drug Delivery Reviews</i> , 2015, 94, 28-40.   | 13.7 | 106       |
| 4  | Nanoclay-based 3D printed scaffolds promote vascular ingrowth ex vivo and generate bone mineral tissue in vitro and in vivo. <i>Biofabrication</i> , 2020, 12, 035010.  | 7.1  | 73        |
| 5  | Bisphosphonate nanoclay edge-site interactions facilitate hydrogel self-assembly and sustained growth factor localization. <i>Nature Communications</i> , 2020, 11, 1365.   | 12.8 | 59        |
| 6  | Recruitment of mesenchymal stem cells and macrophages by dual release of stromal cell-derived factor-1 and a macrophage recruitment agent enhances wound closure. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 942-956.  | 4.0  | 47        |
| 7  | Self-Assembling Nanoclay Diffusion Gels for Bioactive Osteogenic Microenvironments. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800331.   | 7.6  | 38        |
| 8  | Fabrication and characterization of porous poly(lactic-co-glycolic acid) (PLGA) microspheres for use as a drug delivery system. <i>Journal of Materials Science</i> , 2011, 46, 2510-2517.  | 3.7  | 23        |
| 9  | Nanoclay-Polyamine Composite Hydrogel for Topical Delivery of Nitric Oxide Gas via Innate Gelation Characteristics of Laponite. <i>Biomacromolecules</i> , 2020, 21, 2096-2103.   | 5.4  | 22        |
| 10 | Enhancement of wound closure by modifying dual release patterns of stromal-derived cell factor-1 and a macrophage recruitment agent from gelatin hydrogels. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2999-3013. | 2.7  | 21        |
| 11 | Structured nanofilms comprising Laponite® and bone extracellular matrix for osteogenic differentiation of skeletal progenitor cells. <i>Materials Science and Engineering C</i> , 2021, 118, 111440.  | 7.3  | 21        |
| 12 | Novel approach to the fabrication of an artificial small bone using a combination of sponge replica and electrospinning methods. <i>Science and Technology of Advanced Materials</i> , 2011, 12, 035002.  | 6.1  | 20        |
| 13 | From hurdle to springboard: The macrophage as target in biomaterial-based bone regeneration strategies. <i>Bone</i> , 2022, 159, 116389.  | 2.9  | 17        |
| 14 | Microstructure control of TCP/TCP-(t-ZrO <sub>2</sub> )/t-ZrO <sub>2</sub> composites for artificial cortical bone. <i>Materials Science and Engineering C</i> , 2011, 31, 1660-1666.   | 7.3  | 15        |
| 15 | PCL Infiltration into a BCP Scaffold Strut to Improve the Mechanical Strength while Retaining Other Properties. <i>Korean Journal of Materials Research</i> , 2010, 20, 331-337-331-337.  | 0.2  | 9         |
| 16 | Multi-Scale Analysis of the Composition, Structure, and Function of Decellularized Extracellular Matrix for Human Skin and Wound Healing Models. <i>Biomolecules</i> , 2022, 12, 837.   | 4.0  | 9         |
| 17 | The effects of dimethyl 3,3'-dithiobispropionimidate di-hydrochloride cross-linking of collagen and gelatin coating on porous spherical biphasic calcium phosphate granules. <i>Journal of Biomaterials Applications</i> , 2014, 29, 386-398.     | 2.4  | 3         |
| 18 | Fabrication and material properties of fibrous PHBV scaffolds depending on the cross-ply angle for tissue engineering. <i>Journal of Biomaterials Applications</i> , 2012, 27, 457-468.   | 2.4  | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Fabrication and Characterization of Strengthened BCP Scaffold Through Infiltration of PCL in the Frame. <i>Bioceramics Development and Applications</i> , 2011, 1, 1-4. | 0.3 | 2         |