

# Fei Wei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1234061/publications.pdf>

Version: 2024-02-01

17  
papers

1,190  
citations

516710

16  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1775  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Tuning Chemistry and Topography of Nanoengineered Surfaces to Manipulate Immune Response for Bone Regeneration Applications. <i>ACS Nano</i> , 2017, 11, 4494-4506.  | 14.6 | 223       |
| 2  | Nanoporous microstructures mediate osteogenesis by modulating the osteo-immune response of macrophages. <i>Nanoscale</i> , 2017, 9, 706-718.   | 5.6  | 134       |
| 3  | Exosome-integrated titanium oxide nanotubes for targeted bone regeneration. <i>Acta Biomaterialia</i> , 2019, 86, 480-492.   | 8.3  | 127       |
| 4  | Nanotopography-based strategy for the precise manipulation of osteoimmunomodulation in bone regeneration. <i>Nanoscale</i> , 2017, 9, 18129-18152.   | 5.6  | 113       |
| 5  | The Immunomodulatory Role of BMP-2 on Macrophages to Accelerate Osteogenesis. <i>Tissue Engineering - Part A</i> , 2018, 24, 584-594.  | 3.1  | 98        |
| 6  | The effect of biomimetic calcium deficient hydroxyapatite and sintered $\beta$ -tricalcium phosphate on osteoimmune reaction and osteogenesis. <i>Acta Biomaterialia</i> , 2019, 96, 605-618.                    | 8.3  | 95        |
| 7  | Effect of nano-structural properties of biomimetic hydroxyapatite on osteoimmunomodulation. <i>Biomaterials</i> , 2018, 181, 318-332.  | 11.4 | 94        |
| 8  | Immunoregulatory role of exosomes derived from differentiating mesenchymal stromal cells on inflammation and osteogenesis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1978-1991. | 2.7  | 48        |
| 9  | Graphene oxide coated Titanium Surfaces with Osteoimmunomodulatory Role to Enhance Osteogenesis. <i>Materials Science and Engineering C</i> , 2020, 113, 110983.   | 7.3  | 41        |
| 10 | Blood clot formed on rough titanium surface induces early cell recruitment. <i>Clinical Oral Implants Research</i> , 2016, 27, 1031-1038.  | 4.5  | 38        |
| 11 | Synergistic regulation of osteoimmune microenvironment by IL-4 and RGD to accelerate osteogenesis. <i>Materials Science and Engineering C</i> , 2020, 109, 110508.   | 7.3  | 38        |
| 12 | Multi-functional cerium oxide nanoparticles regulate inflammation and enhance osteogenesis. <i>Materials Science and Engineering C</i> , 2021, 124, 112041.  | 7.3  | 35        |
| 13 | Plasma deposited poly-oxazoline nanotextured surfaces dictate osteoimmunomodulation towards ameliorative osteogenesis. <i>Acta Biomaterialia</i> , 2019, 96, 568-581.  | 8.3  | 30        |
| 14 | Blood prefabricated hydroxyapatite/tricalcium phosphate induces ectopic vascularized bone formation via modulating the osteoimmune environment. <i>Biomaterials Science</i> , 2018, 6, 2156-2171.                | 5.4  | 24        |
| 15 | Do polyunsaturated fatty acids protect against bone loss in our aging and osteoporotic population?. <i>Bone</i> , 2021, 143, 115736.   | 2.9  | 22        |
| 16 | Cerium oxide nanoparticles protect against irradiation-induced cellular damage while augmenting osteogenesis. <i>Materials Science and Engineering C</i> , 2021, 126, 112145.                                    | 7.3  | 19        |
| 17 | Modulation of the Osteoimmune Environment in the Development of Biomaterials for Osteogenesis. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1077, 69-86.   | 1.6  | 11        |