

# Yifan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6879482/publications.pdf>

Version: 2024-02-01

26  
papers

1,551  
citations

331259

21  
h-index

552369

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2293  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                         | IF   | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Large-scale generation of functional mRNA-encapsulating exosomes via cellular nanoporation. <i>Nature Biomedical Engineering</i> , 2020, 4, 69-83.                                                                                              | 11.6 | 415       |
| 2  | A Review on Electroporation-Based Intracellular Delivery. <i>Molecules</i> , 2018, 23, 3044.                                                                                                                                                    | 1.7  | 170       |
| 3  | Rapid initiation of guided bone regeneration driven by spatiotemporal delivery of IL-8 and BMP-2 from hierarchical MBG-based scaffold. <i>Biomaterials</i> , 2019, 196, 122-137.                                                                | 5.7  | 108       |
| 4  | Nanotechnology platforms for cancer immunotherapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1590.                                                                                                | 3.3  | 82        |
| 5  | Self-Assembled Injectable Nanocomposite Hydrogels Coordinated by in Situ Generated CaP Nanoparticles for Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17234-17246.                                              | 4.0  | 73        |
| 6  | PEGylated poly(glycerol sebacate)-modified calcium phosphate scaffolds with desirable mechanical behavior and enhanced osteogenic capacity. <i>Acta Biomaterialia</i> , 2016, 44, 110-124.                                                      | 4.1  | 67        |
| 7  | $\beta$ -Tricalcium phosphate/poly(glycerol sebacate) scaffolds with robust mechanical property for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2015, 56, 37-47.                                                      | 3.8  | 66        |
| 8  | Poly(glycerol sebacate)-modified polylactic acid scaffolds with improved hydrophilicity, mechanical strength and bioactivity for bone tissue regeneration. <i>RSC Advances</i> , 2015, 5, 79703-79714.                                          | 1.7  | 52        |
| 9  | MBG-Modified $\beta$ -TCP Scaffold Promotes Mesenchymal Stem Cells Adhesion and Osteogenic Differentiation via a FAK/MAPK Signaling Pathway. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 30283-30296.                              | 4.0  | 52        |
| 10 | Surface Topography Regulates Osteogenic Differentiation of MSCs via Crosstalk between FAK/MAPK and ILK/ $\beta$ -Catenin Pathways in a Hierarchically Porous Environment. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 3161-3175. | 2.6  | 46        |
| 11 | Multicellularity-interweaved bone regeneration of BMP-2-loaded scaffold with orchestrated kinetics of resorption and osteogenesis. <i>Biomaterials</i> , 2019, 216, 119216.                                                                     | 5.7  | 46        |
| 12 | Optimized Synthesis of Biodegradable Elastomer PEGylated Poly(glycerol sebacate) and Their Biomedical Application. <i>Polymers</i> , 2019, 11, 965.                                                                                             | 2.0  | 43        |
| 13 | Strontium attenuates rhBMP-2-induced osteogenic differentiation via formation of Sr-rhBMP-2 complex and suppression of Smad-dependent signaling pathway. <i>Acta Biomaterialia</i> , 2016, 33, 290-300.                                         | 4.1  | 37        |
| 14 | Urethane-based low-temperature curing, highly-customized and multifunctional poly(glycerol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222                                                                                                            | 4.1  | 37        |
| 15 | Isolation and Detection Technologies of Extracellular Vesicles and Application on Cancer Diagnostic. <i>Dose-Response</i> , 2019, 17, 155932581989100.                                                                                          | 0.7  | 37        |
| 16 | Exosomes: A Novel Therapeutic Agent for Cartilage and Bone Tissue Regeneration. <i>Dose-Response</i> , 2019, 17, 155932581989270.                                                                                                               | 0.7  | 37        |
| 17 | RhBMP-2 loaded MBG/PEGylated poly(glycerol sebacate) composite scaffolds for rapid bone regeneration. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4633-4647.                                                                             | 2.9  | 33        |
| 18 | Core/Shell PEGS/HA Hybrid Nanoparticle Via Micelle-Coordinated Mineralization for Tumor-Specific Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 12109-12119.                                                                | 4.0  | 29        |

| #  | ARTICLE                                                                                                                                                                                                                | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Fabrication of Injectable, Porous Hyaluronic Acid Hydrogel Based on an In-Situ Bubble-Forming Hydrogel Entrapment Process. <i>Polymers</i> , 2020, 12, 1138.                                                           | 2.0 | 28        |
| 20 | Development of modified and multifunctional poly(glycerol sebacate) (PGS)-based biomaterials for biomedical applications. <i>European Polymer Journal</i> , 2021, 161, 110830.                                         | 2.6 | 27        |
| 21 | Controlled synthesis and transformation of nano-hydroxyapatite with tailored morphologies for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9148-9156.                                   | 2.9 | 22        |
| 22 | Strontium doping promotes bioactivity of rhBMP-2 upon calcium phosphate cement via elevated recognition and expression of BMPR-IA. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 684-695.                 | 2.5 | 20        |
| 23 | Microporous density-mediated response of MSCs on 3D trimodal macro/micro/nano-porous scaffolds via fibronectin/integrin and FAK/MAPK signaling pathways. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3586-3599. | 2.9 | 17        |
| 24 | Extracellular Vesicles in the Treatment of Parkinson's Disease: A Review. <i>Current Medicinal Chemistry</i> , 2021, 28, 6375-6394.                                                                                    | 1.2 | 5         |
| 25 | Bioactivation of Calcium Phosphate Cement by Growth Factors and Their Applications. <i>Springer Series in Biomaterials Science and Engineering</i> , 2018, , 257-298.                                                  | 0.7 | 1         |
| 26 | Neuroprotective Effect of Activated Protein C on Blood-Brain Barrier Injury During Focal Cerebral Ischemia/Reperfusion. <i>Dose-Response</i> , 2020, 18, 155932582091728.                                              | 0.7 | 1         |