

# Yu Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7634921/publications.pdf>

Version: 2024-02-01

19  
papers

578  
citations

623734

14  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

876  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                     | IF   | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Inhibitory effects of melatonin on titanium particle-induced inflammatory bone resorption and osteoclastogenesis via suppression of NF- $\kappa$ B signaling. <i>Acta Biomaterialia</i> , 2017, 62, 362-371.                                | 8.3  | 87        |
| 2  | Prolactin inhibits the progression of intervertebral disc degeneration through inactivation of the NF- $\kappa$ B pathway in rats. <i>Cell Death and Disease</i> , 2018, 9, 98.                                                             | 6.3  | 57        |
| 3  | Melatonin Increases Bone Mass around the Prostheses of OVX Rats by Ameliorating Mitochondrial Oxidative Stress via the SIRT3/SOD2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.                   | 4.0  | 51        |
| 4  | Aspirin-Mediated Attenuation of Intervertebral Disc Degeneration by Ameliorating Reactive Oxygen Species <i>In Vivo</i> and <i>In Vitro</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-20.                          | 4.0  | 51        |
| 5  | Downregulation of miR-106b attenuates inflammatory responses and joint damage in collagen-induced arthritis. <i>Rheumatology</i> , 2017, 56, 1804-1813.                                                                                     | 1.9  | 42        |
| 6  | Tenocyte-derived exosomes induce the tenogenic differentiation of mesenchymal stem cells through TGF- $\beta$ 2. <i>Cytotechnology</i> , 2019, 71, 57-65.                                                                                   | 1.6  | 38        |
| 7  | Cannabinoid Receptor 2 Agonist Prevents Local and Systemic Inflammatory Bone Destruction in Rheumatoid Arthritis. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 739-751.                                                          | 2.8  | 35        |
| 8  | Regulation of the inflammatory cycle by a controllable release hydrogel for eliminating postoperative inflammation after discectomy. <i>Bioactive Materials</i> , 2021, 6, 146-157.                                                         | 15.6 | 33        |
| 9  | Sustained Release of Melatonin from GelMA Liposomes Reduced Osteoblast Apoptosis and Improved Implant Osseointegration in Osteoporosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.                                | 4.0  | 28        |
| 10 | Titanium particle-induced osteogenic inhibition and bone destruction are mediated by the GSK-3 $\beta$ / $\beta$ -catenin signal pathway. <i>Cell Death and Disease</i> , 2017, 8, e2878-e2878.                                             | 6.3  | 27        |
| 11 | Acetyl-11-keto- $\beta$ -boswellic acid attenuates titanium particle-induced osteogenic inhibition via activation of the GSK-3 $\beta$ / $\beta$ -catenin signaling pathway. <i>Theranostics</i> , 2019, 9, 7140-7155.                      | 10.0 | 23        |
| 12 | Protein phosphatase 2A as a new target for downregulating osteoclastogenesis and alleviating titanium particle-induced bone resorption. <i>Acta Biomaterialia</i> , 2018, 73, 488-499.                                                      | 8.3  | 20        |
| 13 | Effects of zoledronic acid on bone mineral density around prostheses and bone metabolism markers after primary total hip arthroplasty in females with postmenopausal osteoporosis. <i>Osteoporosis International</i> , 2019, 30, 1581-1589. | 3.1  | 20        |
| 14 | Efficient Inhibition of Wear-Debris-Induced Osteolysis by Surface Biomimetic Engineering of Titanium Implant with a Mussel-Derived Integrin-Targeting Peptide. <i>Advanced Biology</i> , 2019, 3, e1800253.                                 | 3.0  | 15        |
| 15 | Aspirin inhibits osteoclast formation and wear-debris-induced bone destruction by suppressing mitogen-activated protein kinases. <i>Journal of Cellular Physiology</i> , 2020, 235, 2599-2608.                                              | 4.1  | 14        |
| 16 | Tension force-induced bone formation in orthodontic tooth movement via modulation of the GSK-3 $\beta$ / $\beta$ -catenin signaling pathway. <i>Journal of Molecular Histology</i> , 2018, 49, 75-84.                                       | 2.2  | 13        |
| 17 | MiR-106b inhibition suppresses inflammatory bone destruction of wear debris-induced periprosthetic osteolysis in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7490-7503.                                             | 3.6  | 10        |
| 18 | Shikimic acid prevents cartilage matrix destruction in human chondrocytes. <i>International Immunopharmacology</i> , 2018, 63, 155-160.                                                                                                     | 3.8  | 8         |

| #  | ARTICLE                                                                                                                                    | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Relaxin inhibits patellar tendon healing in rats: a histological and biochemical evaluation. BMC Musculoskeletal Disorders, 2019, 20, 349. | 1.9 | 6         |