

# Ju Fang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9681938/publications.pdf>

Version: 2024-02-01

17  
papers

1,777  
citations

567247

15  
h-index

888047

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled pVEGF delivery via a gene-activated matrix comprised of a peptide-modified non-viral vector and a nanofibrous scaffold for skin wound healing. <i>Acta Biomaterialia</i> , 2022, 140, 149-162.	8.3	22
2	Ultrafine-grained Nb-Cu immiscible alloy implants for hard tissue repair: Fabrication, characterization, and in vitro and in vivo evaluation. <i>Journal of Materials Science and Technology</i> , 2022, 127, 214-224.	10.7	3
3	Cancellous bone-like porous Fe@Zn scaffolds with core-shell-structured skeletons for biodegradable bone implants. <i>Acta Biomaterialia</i> , 2021, 121, 665-681.	8.3	32
4	The Synergy of Topographical Micropatterning and Ta   TaCu Bilayered Thin Film on Titanium Implants Enables Dual Functions of Enhanced Osteogenesis and Anti-Infection. <i>Advanced Healthcare Materials</i> , 2021, 10, 2002020.	7.6	20
5	Bioinspired Highly Anisotropic, Ultrastrong and Stiff, and Osteoconductive Mineralized Wood Hydrogel Composites for Bone Repair. <i>Advanced Functional Materials</i> , 2021, 31, 2010068.	14.9	107
6	A high strength, wear and corrosion-resistant, antibacterial and biocompatible Nb-5 at.% Ag alloy for dental and orthopedic implants. <i>Journal of Materials Science and Technology</i> , 2021, 80, 266-278.	10.7	11
7	Experimental and simulation studies of strontium/fluoride-codoped hydroxyapatite nanoparticles with osteogenic and antibacterial activities. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110359.	5.0	43
8	Engineering High-Resolution Micropatterns Directly onto Titanium with Optimized Contact Guidance to Promote Osteogenic Differentiation and Bone Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 43888-43901.	8.0	35
9	Mussel-inspired dopamine oligomer intercalated tough and resilient gelatin methacryloyl (GelMA) hydrogels for cartilage regeneration. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1716-1725.	5.8	105
10	Cancellous-Bone-like Porous Iron Scaffold Coated with Strontium Incorporated Octacalcium Phosphate Nanowhiskers for Bone Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 509-518.	5.2	31
11	A Mussel-Inspired Persistent ROS-Scavenging, Electroactive, and Osteoinductive Scaffold Based on Electrochemical-Driven In Situ Nanoassembly. <i>Small</i> , 2019, 15, e1805440.	10.0	95
12	Novel niobium and silver toughened hydroxyapatite nanocomposites with enhanced mechanical and biological properties for load-bearing bone implants. <i>Applied Materials Today</i> , 2019, 15, 531-542.	4.3	23
13	Plant-inspired adhesive and tough hydrogel based on Ag-Lignin nanoparticles-triggered dynamic redox catechol chemistry. <i>Nature Communications</i> , 2019, 10, 1487.	12.8	675
14	A strong, tough, and osteoconductive hydroxyapatite mineralized polyacrylamide/dextran hydrogel for bone tissue regeneration. <i>Acta Biomaterialia</i> , 2019, 88, 503-513.	8.3	143
15	A resilient and flexible chitosan/silk cryogel incorporated Ag/Sr co-doped nanoscale hydroxyapatite for osteoinductivity and antibacterial properties. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7427-7438.	5.8	56
16	Transparent, Adhesive, and Conductive Hydrogel for Soft Bioelectronics Based on Light-Transmitting Polydopamine-Doped Polypyrrole Nanofibrils. <i>Chemistry of Materials</i> , 2018, 30, 5561-5572.	6.7	331
17	In Vivo Curdlan/Cellulose Bionanocomposite Synthesis by Genetically Modified <i>Gluconacetobacter xylinus</i> . <i>Biomacromolecules</i> , 2015, 16, 3154-3160.	5.4	45