

# Yanguo Qin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8758701/publications.pdf>

Version: 2024-02-01

31  
papers

1,284  
citations

566801

15  
h-index

500791

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential antibacterial mechanism of silver nanoparticles and the optimization of orthopedic implants by advanced modification technologies. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3311-3327.	3.3	651
2	&lt;p&gt;Enhanced antibacterial properties of orthopedic implants by titanium nanotube surface modification: a review of current techniques&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7217-7236.	3.3	66
3	&lt;p&gt;Advanced Black Phosphorus Nanomaterials for Bone Regeneration&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2045-2058.	3.3	50
4	Fabrication of bioactive 3D printed porous titanium implants with Sr ion-incorporated zeolite coatings for bone ingrowth. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3254-3261.	2.9	48
5	&lt;p&gt;Enhancing ZnO-NP Antibacterial and Osteogenesis Properties in Orthopedic Applications: A Review&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6247-6262.	3.3	47
6	Novel Mesoporous Hydroxyapatite/Chitosan Composite for Bone Repair. <i>Journal of Bionic Engineering</i> , 2012, 9, 243-251.	2.7	43
7	Optimizing the tribological behavior of tantalum carbide coating for the bearing in total hip joint replacement. <i>Vacuum</i> , 2018, 150, 222-231.	1.6	41
8	Tantalum nitride coatings prepared by magnetron sputtering to improve the bioactivity and osteogenic activity for titanium alloy implants. <i>RSC Advances</i> , 2017, 7, 55408-55417.	1.7	37
9	Customized Knee Prosthesis in Treatment of Giant Cell Tumors of the Proximal Tibia: Application of 3-Dimensional Printing Technology in Surgical Design. <i>Medical Science Monitor</i> , 2017, 23, 1691-1700.	0.5	35
10	Antibacterial effects of silver incorporated zeolite coatings on 3D printed porous stainless steels. <i>Materials Science and Engineering C</i> , 2020, 108, 110430.	3.8	34
11	Improved Osteogenesis of Selective-Laser-Melted Titanium Alloy by Coating Strontium-Doped Phosphate With High-Efficiency Air-Plasma Treatment. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 367.	2.0	23
12	A Systematic Review of Risk Factors for Anterior Cruciate Ligament Reconstruction Failure. <i>International Journal of Sports Medicine</i> , 2021, 42, 682-693.	0.8	23
13	Auxiliary diagnosis of developmental dysplasia of the hip by automated detection of Sharp's angle on standardized anteroposterior pelvic radiographs. <i>Medicine (United States)</i> , 2019, 98, e18500.	0.4	22
14	Bioprinting of Human Musculoskeletal Interface. <i>Advanced Engineering Materials</i> , 2019, 21, 1900019.	1.6	19
15	Fabrication and <i>In Vitro</i> Evaluation of 3D Printed Porous Polyetherimide Scaffolds for Bone Tissue Engineering. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	16
16	Tantalum boride as a biocompatible coating to improve osteogenesis of the bionano interface. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1726-1735.	2.1	15
17	Antibacterial activity of Ag-incorporated zincosilicate zeolite scaffolds fabricated by additive manufacturing. <i>Inorganic Chemistry Communication</i> , 2019, 105, 31-35.	1.8	14
18	Adhesion and Proliferation of Osteoblast-Like Cells on Porous Polyetherimide Scaffolds. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	13

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19	Gene silencing of NOB1 by lentivirus suppresses growth and migration of human osteosarcoma cells. <i>Molecular Medicine Reports</i> , 2014, 9, 2173-2179.	1.1	12
20	A CRISPR-engineered swine model of COL2A1 deficiency recapitulates altered early skeletal developmental defects in humans. <i>Bone</i> , 2020, 137, 115450.	1.4	12
21	Comparative evaluation of Sr-incorporated calcium phosphate and calcium silicate as bioactive osteogenesis coating orthopedics applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 600, 124834.	2.3	11
22	Trabecular metal versus non-trabecular metal acetabular components for acetabular revision surgery: A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2022, 100, 106597.	1.1	9
23	Prompt admission to intensive care is associated with improved survival in patients with severe sepsis and/or septic shock. <i>Journal of International Medical Research</i> , 2018, 46, 4071-4081.	0.4	8
24	Biomaterial-based osteoimmunomodulatory strategies via the TLR4-NF- $\kappa$ B signaling pathway: A review. <i>Applied Materials Today</i> , 2021, 22, 100969.	2.3	8
25	Fully Automatic Knee Joint Segmentation and Quantitative Analysis for Osteoarthritis from Magnetic Resonance (MR) Images Using a Deep Learning Model. <i>Medical Science Monitor</i> , 0, 28, .	0.5	8
26	Osteological evidence of violence during the formation of the Chinese northern nomadic cultural belt in the Bronze Age. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 6689-6704.	0.7	7
27	Sol-gel-assisted micro-arc oxidation synthesis and characterization of a hierarchically rough structured Ta-Sr coating for biomaterials. <i>RSC Advances</i> , 2020, 10, 20020-20027.	1.7	5
28	Comparison of the Sterilization Efficiency of 3 Disinfectants for Dropped Anterior Cruciate Ligament Grafts: A Systematic Review and Meta-analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110028.	0.8	5
29	ECM-inspired 3D printed polyetherimide scaffold with Arg-Gly-Asp peptides for the improvement of bioactivity and osteogenic differentiation of osteoblasts. <i>Materials Today Communications</i> , 2022, 30, 103166.	0.9	1
30	Correcting pelvic obliquity in the lateral position to improve acetabular component orientation during total hip arthroplasty. <i>Technology and Health Care</i> , 2017, , 1-9.	0.5	0
31	Application of Post-Processing Image Reconstruction Using 256-Slice CTA for Patients with Lower Extremity Fractures. , 2018, , .		0