

CITATION REPORT

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The biocompatibility of silver and nanohydroxyapatite coatings on titanium dental implants with human primary osteoblast cells

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#	Paper	IF	Citations
41	Incorporation of Sr ²⁺ and Ag nanoparticles into TiO ₂ nanotubes to synergistically enhance osteogenic and antibacterial activities for bone repair. <i>Materials and Design</i> , 2020 , 196, 109086	8.1	8
40	An Updated Review on Silver Nanoparticles in Biomedicine. <i>Nanomaterials</i> , 2020 , 10,	5.4	48
39	Biofunctional Elements Incorporated Nano/Microstructured Coatings on Titanium Implants with Enhanced Osteogenic and Antibacterial Performance. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000681 ^{10.1}	10.1	17
38	Selective Laser Melting and Electron Beam Melting of Ti6Al4V for Orthopedic Applications: A Comparative Study on the Applied Building Direction. <i>Materials</i> , 2020 , 13,	3.5	13
37	Coating doxycycline on titanium-based implants: Two in vivo studies. <i>Bioactive Materials</i> , 2020 , 5, 787-797	6.7	12
36	Biocompatibility of Biomaterials for Tissue Regeneration or Replacement. <i>Biotechnology Journal</i> , 2020 , 15, e2000160	5.6	14
35	The Antibacterial Mechanism of Silver Nanoparticles and Its Application in Dentistry. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2555-2562	7.3	282
34	Modified Nanoparticles as Potential Agents in Bone Diseases: Cancer and Implant-Related Complications. <i>Nanomaterials</i> , 2020 , 10,	5.4	10
33	Functional fillers for dental resin composites. <i>Acta Biomaterialia</i> , 2021 , 122, 50-65	10.8	15
32	Silver-Deposited Nanoparticles on the Titanium Nanotubes Surface as a Promising Antibacterial Material into Implants. <i>Metals</i> , 2021 , 11, 92	2.3	10
31	Application of Selected Nanomaterials and Ozone in Modern Clinical Dentistry. <i>Nanomaterials</i> , 2021 , 11,	5.4	7
30	All That Glitters Is Not Silver-A New Look at Microbiological and Medical Applications of Silver Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	12
29	Microstructure, degradation properties and cytocompatibility of micro-arc oxidation coatings on the microwave sintered Ti-15Mg metal-metal composite. <i>Journal of Materials Research and Technology</i> , 2021 , 11, 1654-1664	5.5	0
28	The Impact of Dental Implant Surface Modifications on Osseointegration and Biofilm Formation. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	19
27	Surface engineering of biomaterials in orthopedic and dental implants: Strategies to improve osteointegration, bacteriostatic and bactericidal activities. <i>Biotechnology Journal</i> , 2021 , 16, e2000116	5.6	15
26	Behavior of rat bone marrow stem cells on titanium surfaces modified by laser-beam and deposition of calcium phosphate. <i>Journal of Materials Science: Materials in Medicine</i> , 2021 , 32, 57	4.5	
25	Nanoparticles in Dentistry: A Comprehensive Review. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2

24	Current approaches for the exploration of antimicrobial activities of nanoparticles. <i>Science and Technology of Advanced Materials</i> , 2021 , 22, 885-907	7.1	3
23	Porous micro/nano structured oxidic titanium surface decorated with silicon monoxide. <i>Surfaces and Interfaces</i> , 2021 , 26, 101304	4.1	1
22	Efficacy of local antibiotic therapy in the treatment of peri-implantitis: A systematic review and meta-analysis. <i>Journal of Dentistry</i> , 2021 , 113, 103790	4.8	5
21	Comparison of the osteoblastic activity of low elastic modulus Ti-24Nb-4Zr-8Sn alloy and pure titanium modified by physical and chemical methods. <i>Materials Science and Engineering C</i> , 2020 , 113, 111018	8.3	15
20	Biofunctional magnesium-coated Ti6Al4V scaffolds promote autophagy-dependent apoptosis in osteosarcoma by activating the AMPK/mTOR/ULK1 signaling pathway. <i>Materials Today Bio</i> , 2021 , 12, 100147	9.9	0
19	Spectral analysis and biological activity assessment of silver doped hydroxyapatite. <i>Journal of Asian Ceramic Societies</i> , 1-22	2.4	0
18	A simple strategy to prepare hybrid coating on titanium (Ti6Al4V). <i>Surface and Coatings Technology</i> , 2022 , 431, 128017	4.4	2
17	Enhanced anticorrosion and tribological properties of Ti6Al4V alloys with Fe3O4/HA coatings. <i>Surface and Coatings Technology</i> , 2022 , 433, 128118	4.4	2
16	Silver, the magic bullet in dentistry [A review]. <i>Materials Today: Proceedings</i> , 2022 , 50, 181-186	1.4	2
15	Applicability of silver nanoparticles and innovation of magnetic nanoparticles in dentistry. 2022 , 317-348		1
14	Preparation of mussel-inspired silver/polydopamine antibacterial biofilms on Ti-6Al-4V for dental applications.. <i>RSC Advances</i> , 2022 , 12, 6641-6648	3.7	1
13	Polymeric Dental Nanomaterials: Antimicrobial Action.. <i>Polymers</i> , 2022 , 14,	4.5	7
12	Development of Silver Doped Hydroxyapatite Thin Films for Biomedical Applications. <i>Coatings</i> , 2022 , 12, 341	2.9	2
11	Effect of Hafnium Coating on Osseointegration of Titanium Implants: A Split Mouth Animal Study. <i>Journal of Nanomaterials</i> , 2021 , 2021, 1-9	3.2	2
10	Preparation of TiO Nanotube Array on the Pure Titanium Surface by Anodization Method and Its Hydrophilicity.. <i>Scanning</i> , 2021 , 2021, 2717921	1.6	
9	Mechanical and microbiological testing concept for activatable anti-infective biopolymer implant coatings. 2022 , 138, 212917		0
8	The Antibacterial and Cytotoxic Effects of Silver Nanoparticles Coated Titanium Implants: A Narrative Review. <i>Materials</i> , 2022 , 15, 5025	3.5	1
7	Green synthesis of silver nanoparticles and their antibacterial effects. 4,		1

- 6 A concise review on implications of silver nanoparticles in bone tissue engineering. **2022**, 141, 213099 1
- 5 Advances of nanoparticles employment in dental implant applications. **2022**, 12, 100341 1
- 4 Dexamethasone and zinc loaded polymeric nanoparticles reinforce and remineralize coronal dentin. A morpho-histological and dynamic-biomechanical study. **2022**, 0
- 3 A novel peptide isolated from Catla skin collagen acts as a self-assembling scaffold promoting nucleation of calcium-deficient hydroxyapatite nanocrystals. 0
- 2 Dexamethasone-doped nanoparticles improve mineralization, crystallinity and collagen structure of human dentin. **2023**, 130, 104447 0
- 1 Review of Antimicrobial Nanocoatings in Medicine and Dentistry: Mechanisms of Action, Biocompatibility Performance, Safety, and Benefits Compared to Antibiotics. 0