

Xingling Shi

List of Publications by Year in descending order

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17
papers

342
citations

840776

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888059

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18
all docs

18
docs citations

18
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous TiO ₂ film prepared by micro-arc oxidation and its electrochemical behaviors in Hank's solution. <i>Surface and Coatings Technology</i> , 2010, 205, 1730-1735.	4.8	50
2	Surface modification of titanium by hydrothermal treatment in Mg-containing solution and early osteoblast responses. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1281-1290.	3.6	47
3	Hydrothermal treatment for TiN as abrasion resistant dental implant coating and its fibroblast response. <i>Materials Science and Engineering C</i> , 2015, 49, 1-6.	7.3	38
4	Partial oxidation of TiN coating by hydrothermal treatment and ozone treatment to improve its osteoconductivity. <i>Materials Science and Engineering C</i> , 2016, 59, 542-548.	7.3	32
5	Improved osseointegration of long-term stored SLA implant by hydrothermal sterilization. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 53, 312-319.	3.1	28
6	Hydrogenated diamond-like carbon film deposited on UHMWPE by RF-PECVD. <i>Applied Surface Science</i> , 2009, 255, 8246-8251.	6.1	25
7	Hydrothermal oxidation improves corrosion and wear properties of multi-arc ion plated titanium nitride coating for biological application. <i>Vacuum</i> , 2022, 198, 110871.	3.5	19
8	Effects of solution pH on the structure and biocompatibility of Mg-containing TiO ₂ layer fabricated on titanium by hydrothermal treatment. <i>Applied Surface Science</i> , 2013, 270, 445-451.	6.1	18
9	Micro-Arc Oxidation Enhances the Blood Compatibility of Ultrafine-Grained Pure Titanium. <i>Materials</i> , 2017, 10, 1446.	2.9	18
10	Hydrothermal sterilization in silver nitrate solution endows plasma sprayed hydroxyapatite coating with antibacterial property. <i>Materials Letters</i> , 2020, 263, 127258.	2.6	15
11	Hydrothermal Sterilization Improves Initial Osteoblast Responses on Sandpaper-Polished Titanium. <i>Materials</i> , 2017, 10, 812.	2.9	12
12	Effects of hydrothermal treatment on physicochemical and anticorrosion properties of titanium nitride coating on pure titanium. <i>Applied Surface Science</i> , 2020, 507, 145030.	6.1	11
13	Effects of hydrothermal sterilization on properties of biological coating fabricated by alkaline-heat treatment on titanium. <i>Surface and Coatings Technology</i> , 2018, 342, 69-75.	4.8	9
14	Study on corrosion resistance of epoxy ester coating cross-linked by a new type of titanium ion curing agent. <i>Progress in Organic Coatings</i> , 2018, 115, 86-93.	3.9	8
15	Preparation of Dicalcium Phosphate Anhydrous (Monetite) Biological Coating on Titanium by Spray-Drying Method. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-7.	1.8	6
16	Corrosion Resistance of Waterborne Epoxy Resin Coating Cross-Linked by Modified Tetrabutyl Titanate. <i>Scanning</i> , 2020, 2020, 1-9.	1.5	4
17	Influences of Surface Finishes on Properties of Biological Zinc Phosphate Conversion Coating on Titanium. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800143.	1.8	2