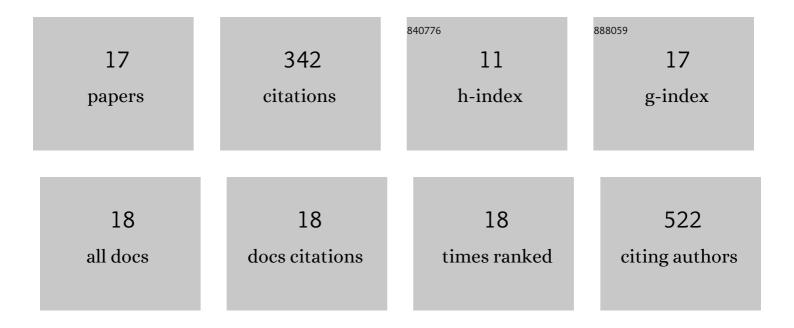
Xingling Shi

List of Publications by Year in descending order

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XINCLING SHI

#	Article	IF	CITATIONS
1	Porous TiO2 film prepared by micro-arc oxidation and its electrochemical behaviors in Hank's solution. Surface and Coatings Technology, 2010, 205, 1730-1735.	4.8	50
2	Surface modification of titanium by hydrothermal treatment in Mg-containing solution and early osteoblast responses. Journal of Materials Science: Materials in Medicine, 2012, 23, 1281-1290.	3.6	47
3	Hydrothermal treatment for TiN as abrasion resistant dental implant coating and its fibroblast response. Materials Science and Engineering C, 2015, 49, 1-6.	7.3	38
4	Partial oxidation of TiN coating by hydrothermal treatment and ozone treatment to improve its osteoconductivity. Materials Science and Engineering C, 2016, 59, 542-548.	7.3	32
5	Improved osseointegration of long-term stored SLA implant by hydrothermal sterilization. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 53, 312-319.	3.1	28
6	Hydrogenated diamond-like carbon film deposited on UHMWPE by RF-PECVD. Applied Surface Science, 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. Vacuum, 2022, 198, 110871.	3.5	19
8	Effects of solution pH on the structure and biocompatibility of Mg-containing TiO2 layer fabricated on titanium by hydrothermal treatment. Applied Surface Science, 2013, 270, 445-451.	6.1	18
9	Micro-Arc Oxidation Enhances the Blood Compatibility of Ultrafine-Grained Pure Titanium. Materials, 2017, 10, 1446.	2.9	18
10	Hydrothermal sterilization in silver nitrate solution endows plasma sprayed hydroxyapatite coating with antibacterial property. Materials Letters, 2020, 263, 127258.	2.6	15
11	Hydrothermal Sterilization Improves Initial Osteoblast Responses on Sandpaper-Polished Titanium. Materials, 2017, 10, 812.	2.9	12
12	Effects of hydrothermal treatment on physicochemical and anticorrosion properties of titanium nitride coating on pure titanium. Applied Surface Science, 2020, 507, 145030.	6.1	11
13	Effects of hydrothermal sterilization on properties of biological coating fabricated by alkaline-heat treatment on titanium. Surface and Coatings Technology, 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. Progress in Organic Coatings, 2018, 115, 86-93.	3.9	8
15	Preparation of Dicalcium Phosphate Anhydrous (Monetite) Biological Coating on Titanium by Spray-Drying Method. Advances in Materials Science and Engineering, 2017, 2017, 1-7.	1.8	6
16	Corrosion Resistance of Waterborne Epoxy Resin Coating Cross-Linked by Modified Tetrabutyl Titanate. Scanning, 2020, 2020, 1-9.	1.5	4
17	Influences of Surface Finishes on Properties of Biological Zinc Phosphate Conversion Coating on Titanium. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800143.	1.8	2