

Zdenek Tolde

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

184
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium-doped titanium thin films prepared with the assistance of an oxygen ion beam: The effect of Ca content on microstructure, mechanical properties and adhesion. Applied Surface Science, 2022, 573, 151569.	6.1	5
2	Beta-Titanium Alloy Covered by Ferroelectric Coatingâ€™Physicochemical Properties and Human Osteoblast-Like Cell Response. Coatings, 2021, 11, 210.	2.6	7
3	Diamond-like carbon prepared by pulsed laser deposition with ion bombardment: physical properties. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	13
4	Growth of a TiNb adhesion interlayer for bioactive coatings. Materials Science and Engineering C, 2017, 80, 652-658.	7.3	14
5	PLD prepared bioactive BaTiO3 films on TiNb implants. Materials Science and Engineering C, 2017, 70, 334-339.	7.3	16
6	Structural Characterization and Mechanical Properties of a Titanium Nitride-Based Nanolayer Prepared by Nitrogen Ion Implantation on a Titanium Alloy. Journal of Nanomaterials, 2016, 2016, 1-7.	2.7	8
7	Dual laser deposition of Ti:DLC composite for implants. Laser Physics, 2016, 26, 105605.	1.2	10
8	The microstructure and surface hardness of Ti6Al4V alloy implanted with nitrogen ions at an elevated temperature. Journal of Alloys and Compounds, 2015, 620, 48-54.	5.5	38
9	On the role of Nb-related sites of an oxidized β -TiNb alloy surface in its interaction with osteoblast-like MG-63 cells. Materials Science and Engineering C, 2013, 33, 1636-1645.	7.3	63
10	The Effect of Nitrogen Ion Implantation on the Surface Properties of Ti6Al4V Alloy Coated by a Carbon Nanolayer. Journal of Nanomaterials, 2013, 2013, 1-8.	2.7	7
11	Mechanical and Tribological Properties of Carbon Thin Film with Tungsten Interlayer Prepared by Ion Beam Assisted Deposition. Journal of Materials, 2013, 2013, 1-4.	0.1	1
12	Characterization of TiNb Films on Ti Alloys for Hard Tissue Replacement. Solid State Phenomena, 0, 258, 345-349.	0.3	2