

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