

Gabriela Dorcioman

List of Publications by Year in descending order

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22
papers

491
citations

687363

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794594

19
g-index

22
all docs

22
docs citations

22
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaffolds for Wound Healing Applications. <i>Polymers</i> , 2020, 12, 2010.	4.5	155
2	Composite biocompatible hydroxyapatite/silk fibroin coatings for medical implants obtained by Matrix Assisted Pulsed Laser Evaporation. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 169, 151-158.	3.5	48
3	Hydroxyapatite thin films synthesized by pulsed laser deposition and magnetron sputtering on PMMA substrates for medical applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 169, 159-168.	3.5	41
4	Characteristics of ZrC/ZrN and ZrC/TiN multilayers grown by pulsed laser deposition. <i>Applied Surface Science</i> , 2011, 257, 5332-5336.	6.1	32
5	Wear tests of ZrC and ZrN thin films grown by pulsed laser deposition. <i>Applied Surface Science</i> , 2014, 306, 33-36.	6.1	26
6	Very hard TiN thin films grown by pulsed laser deposition. <i>Applied Surface Science</i> , 2012, 260, 2-6.	6.1	22
7	The effect of deposition atmosphere on the chemical composition of TiN and ZrN thin films grown by pulsed laser deposition. <i>Applied Surface Science</i> , 2014, 302, 124-128.	6.1	21
8	Titanium implants' surface functionalization by pulsed laser deposition of TiN, ZrC and ZrN hard films. <i>Applied Surface Science</i> , 2017, 417, 175-182.	6.1	21
9	Ar ions irradiation effects in ZrN thin films grown by pulsed laser deposition. <i>Applied Surface Science</i> , 2015, 336, 129-132.	6.1	18
10	Thin and hard ZrC/TiN multilayers grown by pulsed laser deposition. <i>Surface and Coatings Technology</i> , 2011, 205, 5493-5496.	4.8	15
11	MAPLE fabricated coatings based on magnetite nanoparticles embedded into biopolymeric spheres resistant to microbial colonization. <i>Applied Surface Science</i> , 2018, 448, 230-236.	6.1	15
12	Antimicrobial activity of biopolymer antibiotic thin films fabricated by advanced pulsed laser methods. <i>Applied Surface Science</i> , 2013, 278, 211-213.	6.1	14
13	Anti-Biofilm Coatings Based on Chitosan and Lysozyme Functionalized Magnetite Nanoparticles. <i>Antibiotics</i> , 2021, 10, 1269.	3.7	14
14	Printing amphotericin B on microneedles using matrix-assisted pulsed laser evaporation. <i>International Journal of Bioprinting</i> , 2017, 3, 147.	3.4	12
15	Microbial colonization of biopolymeric thin films containing natural compounds and antibiotics fabricated by MAPLE. <i>Applied Surface Science</i> , 2015, 336, 234-239.	6.1	9
16	A Review on Biphasic Calcium Phosphate Materials Derived from Fish Discards. <i>Nanomaterials</i> , 2021, 11, 2856.	4.1	9
17	Wear resistance of ZrC/TiN and ZrC/ZrN thin multilayers grown by pulsed laser deposition. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 110, 717-722.	2.3	7
18	Measuring Nanolayer Profiles of Various Materials by Evanescent Light Technique. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2668-2671.	0.9	4

#	ARTICLE	IF	CITATIONS
19	LIFT investigation in nanosecond regime using high speed visualisation. , 2005, , .		2
20	Nanoprofiles evaluation of ZnO thin films by an evanescent light method. Microscopy Research and Technique, 2013, 76, 992-996.	2.2	2
21	Progress of nanoparticles research in cancer therapy and diagnosis. , 2017, , 159-176.		2
22	Microscale Drug Delivery Systems: Current Perspectives and Novel Approaches. , 2017, , 1-15.		2