

Anita Ioana Visan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

607
citations

567281

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times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Antifungal activity of Ag:hydroxyapatite thin films synthesized by pulsed laser deposition on Ti and Ti modified by TiO ₂ nanotubes substrates. <i>Applied Surface Science</i> , 2014, 293, 37-45.	6.1	65
2	Artificial Neural Network Algorithms for 3D Printing. <i>Materials</i> , 2021, 14, 163.	2.9	65
3	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
4	Structural and biological evaluation of lignin addition to simple and silver-doped hydroxyapatite thin films synthesized by matrix-assisted pulsed laser evaporation. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 5333.	3.6	47
5	Characterization of PLD grown WO ₃ thin films for gas sensing. <i>Applied Surface Science</i> , 2017, 417, 218-223.	6.1	47
6	Degradation Behavior of Polymers Used as Coating Materials for Drug Delivery—A Basic Review. <i>Polymers</i> , 2021, 13, 1272.	4.5	47
7	Biomimetic nanocrystalline apatite coatings synthesized by Matrix Assisted Pulsed Laser Evaporation for medical applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 181, 56-63.	3.5	33
8	Deposition of antibacterial of poly(1,3-bis-(p-carboxyphenoxy propane)-co-(sebacic anhydride)) 20:80/gentamicin sulfate composite coatings by MAPLE. <i>Applied Surface Science</i> , 2011, 257, 5287-5292.	6.1	32
9	Antimicrobial polycaprolactone/polyethylene glycol embedded lysozyme coatings of Ti implants for osteoblast functional properties in tissue engineering. <i>Applied Surface Science</i> , 2017, 417, 234-243.	6.1	31
10	Composite biodegradable biopolymer coatings of silk fibroin and Poly(3-hydroxybutyric-acid-co-3-hydroxyvaleric-acid) for biomedical applications. <i>Applied Surface Science</i> , 2015, 355, 1123-1131.	6.1	30
11	Estimation of clad geometry and corresponding residual stress distribution in laser melting deposition: analytical modeling and experimental correlations. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 111, 77-91.	3.0	29
12	Antimicrobial activity of biopolymeric thin films containing flavonoid natural compounds and silver nanoparticles fabricated by MAPLE: A comparative study. <i>Applied Surface Science</i> , 2016, 374, 290-296.	6.1	23
13	Long-Term Evaluation of Dip-Coated PCL-Blend-PEG Coatings in Simulated Conditions. <i>Polymers</i> , 2020, 12, 717.	4.5	22
14	Combinatorial MAPLE deposition of antimicrobial orthopedic maps fabricated from chitosan and biomimetic apatite powders. <i>International Journal of Pharmaceutics</i> , 2016, 511, 505-515.	5.2	21
15	Laser Processed Antimicrobial Nanocomposite Based on Polyaniline Grafted Lignin Loaded with Gentamicin-Functionalized Magnetite. <i>Polymers</i> , 2019, 11, 283.	4.5	15
16	Printing amphotericin B on microneedles using matrix-assisted pulsed laser evaporation. <i>International Journal of Bioprinting</i> , 2017, 3, 147.	3.4	12
17	Coatings Functionalization via Laser versus Other Deposition Techniques for Medical Applications: A Comparative Review. <i>Coatings</i> , 2022, 12, 71.	2.6	11
18	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

#	ARTICLE	IF	CITATIONS
19	Successful Release of Voriconazole and Flavonoids from MAPLE Deposited Bioactive Surfaces. Applied Sciences (Switzerland), 2019, 9, 786.	2.5	6
20	Characterization of MAPLE deposited WO ₃ thin films for electrochromic applications. Journal of Physics: Conference Series, 2017, 780, 012013.	0.4	5
21	Composite Drug Delivery System Based on Amorphous Calcium Phosphate-Chitosan: An Efficient Antimicrobial Platform for Extended Release of Tetracycline. Pharmaceutics, 2021, 13, 1659.	4.5	5
22	Matrix-Assisted Pulsed laser Evaporation-deposited Rapamycin Thin Films Maintain Antiproliferative Activity. International Journal of Bioprinting, 2019, 6, 188.	3.4	3
23	Composite Coatings Based on Renewable Resources Synthesized by Advanced Laser Techniques. , 2016, , .		1
24	Influence of the liquid level and ablation process duration on the characteristics of nanostructures created by nanosecond laser ablation of Ag in water. Proceedings of SPIE, 2017, , .	0.8	0
25	The effect of the contact point asymmetry on the accuracy of thin films thermal conductivity measurement by scanning thermal microscopy using Wollaston probes. Journal of Applied Physics, 2022, 131, 094902.	2.5	0