

Anita Ioana Visan

List of Publications by Year in descending order

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papers

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567281

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docs citations

26
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Coatings Functionalization via Laser versus Other Deposition Techniques for Medical Applications: A Comparative Review. <i>Coatings</i> , 2022, 12, 71.	2.6	11
2	The effect of the contact point asymmetry on the accuracy of thin films thermal conductivity measurement by scanning thermal microscopy using Wollaston probes. <i>Journal of Applied Physics</i> , 2022, 131, 094902.	2.5	0
3	Degradation Behavior of Polymers Used as Coating Materials for Drug Delivery—A Basic Review. <i>Polymers</i> , 2021, 13, 1272.	4.5	47
4	Artificial Neural Network Algorithms for 3D Printing. <i>Materials</i> , 2021, 14, 163.	2.9	65
5	Composite Drug Delivery System Based on Amorphous Calcium Phosphate—Chitosan: An Efficient Antimicrobial Platform for Extended Release of Tetracycline. <i>Pharmaceutics</i> , 2021, 13, 1659.	4.5	5
6	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
7	Long-Term Evaluation of Dip-Coated PCL-Blend-PEG Coatings in Simulated Conditions. <i>Polymers</i> , 2020, 12, 717.	4.5	22
8	Laser Processed Antimicrobial Nanocomposite Based on Polyaniline Grafted Lignin Loaded with Gentamicin-Functionalized Magnetite. <i>Polymers</i> , 2019, 11, 283.	4.5	15
9	Successful Release of Voriconazole and Flavonoids from MAPLE Deposited Bioactive Surfaces. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 786.	2.5	6
10	Matrix-Assisted Pulsed laser Evaporation-deposited Rapamycin Thin Films Maintain Antiproliferative Activity. <i>International Journal of Bioprinting</i> , 2019, 6, 188.	3.4	3
11	Characterization of MAPLE deposited WO ₃ thin films for electrochromic applications. <i>Journal of Physics: Conference Series</i> , 2017, 780, 012013.	0.4	5
12	Influence of the liquid level and ablation process duration on the characteristics of nanostructures created by nanosecond laser ablation of Ag in water. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
13	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
14	Characterization of PLD grown WO ₃ thin films for gas sensing. <i>Applied Surface Science</i> , 2017, 417, 218-223.	6.1	47
15	Printing amphotericin B on microneedles using matrixassisted pulsed laser evaporation. <i>International Journal of Bioprinting</i> , 2017, 3, 147.	3.4	12
16	Composite Coatings Based on Renewable Resources Synthesized by Advanced Laser Techniques. , 2016, , .		1
17	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
18	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

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19	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
20	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
21	Composite biodegradable biopolymer coatings of silk fibroin " Poly(3-hydroxybutyric-acid-co-3-hydroxyvaleric-acid) for biomedical applications. <i>Applied Surface Science</i> , 2015, 355, 1123-1131.	6.1	30
22	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
23	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
24	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
25	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