

Irina Negut

List of Publications by Year in descending order

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37
papers

1,066
citations

623734

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434195

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37
docs citations

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times ranked

1467
citing authors

#	ARTICLE	IF	CITATIONS
1	PEG-Functionalized Magnetite Nanoparticles for Modulation of Microbial Biofilms on Voice Prosthesis. <i>Antibiotics</i> , 2022, 11, 39.	3.7	14
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	Polymeric Coatings and Antimicrobial Peptides as Efficient Systems for Treating Implantable Medical Devices Associated-Infections. <i>Polymers</i> , 2022, 14, 1611.	4.5	16
4	Implant Surfaces Containing Bioglasses and Ciprofloxacin as Platforms for Bone Repair and Improved Resistance to Microbial Colonization. <i>Pharmaceutics</i> , 2022, 14, 1175.	4.5	6
5	Bioactive Coatings Based on Hydroxyapatite, Kanamycin, and Growth Factor for Biofilm Modulation. <i>Antibiotics</i> , 2021, 10, 160.	3.7	15
6	Isoflavonoid-Antibiotic Thin Films Fabricated by MAPLE with Improved Resistance to Microbial Colonization. <i>Molecules</i> , 2021, 26, 3634.	3.8	5
7	Anti-Cancer Nanopowders and MAPLE-Fabricated Thin Films Based on SPIONs Surface Modified with Paclitaxel Loaded β -Cyclodextrin. <i>Pharmaceutics</i> , 2021, 13, 1356.	4.5	18
8	Biofilm-Resistant Nanocoatings Based on ZnO Nanoparticles and Linalool. <i>Nanomaterials</i> , 2021, 11, 2564.	4.1	14
9	Experimental Investigation on Water Adsorption Using Laser Photoacoustic Spectroscopy and Numerical Simulations. <i>Materials</i> , 2021, 14, 5839.	2.9	3
10	Bioactive Coatings Loaded with Osteogenic Protein for Metallic Implants. <i>Polymers</i> , 2021, 13, 4303.	4.5	9
11	Nanostructured Thin Coatings Containing <i>Anthriscus sylvestris</i> Extract with Dual Bioactivity. <i>Molecules</i> , 2020, 25, 3866.	3.8	6
12	Scaffolds for Wound Healing Applications. <i>Polymers</i> , 2020, 12, 2010.	4.5	155
13	Functional Bioglass-Biopolymer Double Nanostructure for Natural Antimicrobial Drug Extracts Delivery. <i>Nanomaterials</i> , 2020, 10, 385.	4.1	15
14	Functionalized Graphene Oxide Thin Films for Anti-tumor Drug Delivery to Melanoma Cells. <i>Frontiers in Chemistry</i> , 2020, 8, 184.	3.6	22
15	Nanomagnetite-embedded PLGA Spheres for Multipurpose Medical Applications. <i>Materials</i> , 2019, 12, 2521.	2.9	11
16	Nanomaterials for Drug Delivery to the Central Nervous System. <i>Nanomaterials</i> , 2019, 9, 371.	4.1	96
17	Nanocoatings and thin films. , 2019, , 463-477.		2
18	Antimicrobial applications of MAPLE processed coatings based on PLGA and lincomycin functionalized magnetite nanoparticles. <i>Applied Surface Science</i> , 2019, 484, 587-599.	6.1	14

#	ARTICLE	IF	CITATIONS
19	Nanoparticles and hyperthermia. , 2019, , 63-90.		2
20	Successful Release of Voriconazole and Flavonoids from MAPLE Deposited Bioactive Surfaces. Applied Sciences (Switzerland), 2019, 9, 786.	2.5	6
21	A steady-state hot-wire method for thermal conductivity measurements of fluids. International Journal of Heat and Mass Transfer, 2019, 134, 993-1002.	4.8	10
22	Matrix-Assisted Pulsed laser Evaporation-deposited Rapamycin Thin Films Maintain Antiproliferative Activity. International Journal of Bioprinting, 2019, 6, 188.	3.4	3
23	MAPLE fabricated coatings based on magnetite nanoparticles embedded into biopolymeric spheres resistant to microbial colonization. Applied Surface Science, 2018, 448, 230-236.	6.1	15
24	Wet chemical synthesis of ZnO-CdS composites and their photocatalytic activity. Materials Research Bulletin, 2018, 99, 174-181.	5.2	46
25	Treatment Strategies for Infected Wounds. Molecules, 2018, 23, 2392.	3.8	421
26	MAPLE deposition of Nigella sativa functionalized Fe ₃ O ₄ nanoparticles for antimicrobial coatings. Applied Surface Science, 2018, 455, 513-521.	6.1	24
27	Recent advances of graphene family nanomaterials for nanomedicine. , 2018, , 413-455.		3
28	Oxidation behaviour of composite CrN/(Cr,V)N coatings with different contents of vanadium induced by UV nanosecond laser pulses. Optical and Quantum Electronics, 2018, 50, 1.	3.3	2
29	Antimicrobial thin films based on ayurvedic plants extracts embedded in a bioactive glass matrix. Applied Surface Science, 2017, 417, 224-233.	6.1	15
30	Optimized silicon reinforcement of carbon coatings by pulsed laser technique for superior functional biomedical surfaces fabrication. Biofabrication, 2017, 9, 025029.	7.1	2
31	Progress of nanoparticles research in cancer therapy and diagnosis. , 2017, , 159-176.		2
32	Microscale Drug Delivery Systems: Current Perspectives and Novel Approaches. , 2017, , 1-15.		2
33	Printing amphotericin B on microneedles using matrixassisted pulsed laser evaporation. International Journal of Bioprinting, 2017, 3, 147.	3.4	12
34	Functionalized Antimicrobial Composite Thin Films Printing for Stainless Steel Implant Coatings. Molecules, 2016, 21, 740.	3.8	19
35	Fabrication of antimicrobial silver-doped carbon structures by combinatorial pulsed laser deposition. International Journal of Pharmaceutics, 2016, 515, 592-606.	5.2	34
36	Surface-enhanced Raman scattering activity of niobium surface after irradiation with femtosecond laser pulses. Journal of Applied Physics, 2015, 118, .	2.5	6

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37	Stainless steel surface biofunctionalization with PMMA-bioglass coatings: compositional, electrochemical corrosion studies and microbiological assay. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 195.	3.6	21