

# Lia Mara Ditu

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,211  
citations

567144

15  
h-index

395590

33  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential Application of Apatitic Materials Substituted with Co and Zn as Antimicrobial Treatment in the Preservation of Cultural Heritage. , 2022, 7, .		0
2	Green Synthesis of Bimetallic Nanostructures Using Vine Shoot Extractsâ€”Characterization and Antimicrobial Effects. , 2022, 7, .		0
3	Bee Pollen Extracts: Chemical Composition, Antioxidant Properties, and Effect on the Growth of Selected Probiotic and Pathogenic Bacteria. Antioxidants, 2022, 11, 959.	2.2	15
4	Antimicrobial Properties of TiO <sub>2</sub> Microparticles Coated with Ca- and Cu-Based Composite Layers. International Journal of Molecular Sciences, 2022, 23, 6888.	1.8	3
5	Influence of gamma irradiation on the biological properties of <i>Asplenium scolopendrium</i> L. hydroalcoholic extracts. Radiation Physics and Chemistry, 2021, 181, 109175.	1.4	6
6	In Vitro Evaluation of MgB <sub>2</sub> Powders as Novel Tools to Fight Fungal Biodeterioration of Heritage Buildings and Objects. Frontiers in Materials, 2021, 7, .	1.2	12
7	Phenotypic and genotypic virulence features of staphylococcal strains isolated from difficult-to-treat skin and soft tissue infections. PLoS ONE, 2021, 16, e0246478.	1.1	17
8	Mixed Pluronicâ€”Cremophor Polymeric Micelles as Nanocarriers for Poorly Soluble Antibioticsâ€”The Influence on the Antibacterial Activity. Pharmaceutics, 2021, 13, 435.	2.0	33
9	Antibacterial and Photocatalytic Properties of ZnO Nanoparticles Obtained from Chemical versus <i>Saponaria officinalis</i> Extract-Mediated Synthesis. Molecules, 2021, 26, 2072.	1.7	19
10	Eugenol-Functionalized Magnetite Nanoparticles Modulate Virulence and Persistence in <i>Pseudomonas aeruginosa</i> Clinical Strains. Molecules, 2021, 26, 2189.	1.7	27
11	ZnO Nanoparticles-Modified Dressings to Inhibit Wound Pathogens. Materials, 2021, 14, 3084.	1.3	46
12	Zinc Oxide Nanoparticles for Water Purification. Materials, 2021, 14, 4747.	1.3	44
13	Preliminary Study on Light-Activated Antimicrobial Agents as Photocatalytic Method for Protection of Surfaces with Increased Risk of Infections. Materials, 2021, 14, 5307.	1.3	4
14	Sustainable Coated Nanostructures Based on Alginate and Electrospun Collagen Loaded with Antimicrobial Agents. Coatings, 2021, 11, 121.	1.2	4
15	Facile In Situ Synthesis of ZnO Flower-like Hierarchical Nanostructures by the Microwave Irradiation Method for Multifunctional Textile Coatings. Nanomaterials, 2021, 11, 2574.	1.9	13
16	Additives Imparting Antimicrobial Properties to Acrylic Bone Cements. Materials, 2021, 14, 7031.	1.3	12
17	Gut Dysbiosis and <i>Clostridioides difficile</i> Infection in Neonates and Adults. Frontiers in Microbiology, 2021, 12, 651081.	1.5	14
18	Phytosynthesis and radiation-assisted methods for obtaining metal nanoparticles. Journal of Materials Science, 2020, 55, 1915-1932.	1.7	33

#	ARTICLE	IF	CITATIONS
19	SARS-CoV-2: From Structure to Pathology, Host Immune Response and Therapeutic Management. <i>Microorganisms</i> , 2020, 8, 1468.	1.6	9
20	Polyphenols of Honeybee Origin with Applications in Dental Medicine. <i>Antibiotics</i> , 2020, 9, 856.	1.5	8
21	Antibacterial Activity of Bacterial Cellulose Loaded with Bacitracin and Amoxicillin: In Vitro Studies. <i>Molecules</i> , 2020, 25, 4069.	1.7	41
22	Bioactive Properties of Nanofibres Based on Concentrated Collagen Hydrolysate Loaded with Thyme and Oregano Essential Oils. <i>Materials</i> , 2020, 13, 1618.	1.3	28
23	Evaluating the role of the working environment on to skin and upper respiratory tract microbiota of museum workers. <i>Romanian Biotechnological Letters</i> , 2020, 25, 2103-2106.	0.5	2
24	Advanced Drug-Eluting Poly (Vinyl Chloride) Surfaces Deposited by Spin Coating. <i>Medicina (Lithuania)</i> , 2019, 55, 421.	0.8	3
25	Photocatalytic techniques to prevent and combat healthcare associated infections. <i>E3S Web of Conferences</i> , 2019, 111, 04046.	0.2	0
26	Polyvinyl Chloride Antibacterial Recipes for Medical Devices. <i>Materials Science Forum</i> , 2019, 957, 409-416.	0.3	0
27	Gut Microbiota, Host Organism, and Diet Dialogue in Diabetes and Obesity. <i>Frontiers in Nutrition</i> , 2019, 6, 21.	1.6	139
28	Advanced Biodegradable Materials for Water and Beverages Packaging. , 2019, , 227-239.		2
29	Synergistic Effects in Nanoparticle-Based Protective Coatings for Paper and Textiles. <i>Proceedings (mdpi)</i> , 2019, 29, .	0.2	0
30	Decorated Apatitic Materials: Synthesis, Characterization, and Potential Application. <i>Proceedings (mdpi)</i> , 2019, 29, 33.	0.2	0
31	Non-Invasive Treatment Based on Nanomaterials for Cultural Heritage Objects. <i>Proceedings (mdpi)</i> , 2019, 29, 36.	0.2	0
32	Analytical Characterization and Potential Antimicrobial and Photocatalytic Applications of Metal-Substituted Hydroxyapatite Materials. <i>Analytical Letters</i> , 2019, 52, 2332-2347.	1.0	4
33	Design, Synthesis and Biopharmacological Profile Evaluation of New 2-((4- Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (Chloro... Current Organic Chemistry, 2019, 23, 1365-1377.	0.9	3
34	Phenotypic and genotypic evaluation of adherence and biofilm development in <i>Candida albicans</i> respiratory tract isolates from hospitalized patients. <i>Romanian Journal of Laboratory Medicine</i> , 2019, 27, 73-83.	0.1	2
35	Novel hydrogels based on collagen and ZnO nanoparticles with antibacterial activity for improved wound dressings. <i>Romanian Biotechnological Letters</i> , 2019, 24, 317-323.	0.5	13
36	Therapeutic nanostructures: novel approaches. , 2019, , 1-22.		0

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37	Tuned apatitic materials: Synthesis, characterization and potential antimicrobial applications. <i>Applied Surface Science</i> , 2018, 438, 127-135.	3.1	16
38	Research regarding biodegradable properties of food polymeric products under microorganism activity. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	0
39	Aspects of Gut Microbiota and Immune System Interactions in Infectious Diseases, Immunopathology, and Cancer. <i>Frontiers in Immunology</i> , 2018, 9, 1830.	2.2	371
40	Introduction in <i>Nutraceutical and Medicinal Foods</i> . , 2018, , 1-12.		3
41	Evaluation of the antibiotic susceptibility and virulence factors production in <i>Staphylococcus</i> spp. strains used to obtain autologous vaccines. <i>Infectio Ro</i> , 2018, 2, 27.	0.0	1
42	ZnO Nanoparticles for Antimicrobial Treatment of Leather Surface. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 767-771.	0.2	8
43	Adherence and Biofilm Formation in <i>Candida albicans</i> Strains Isolated from Different Infection Sites in Hospitalized Patients. <i>Revista De Chimie (discontinued)</i> , 2018, 68, 2832-2835.	0.2	0
44	ASSESSMENT OF THE NORMAL MICROBIOTA AND SOIL PARAMETERS ASSOCIATED WITH ROMANIAN RARE PLANTS FROM NATURAL HABITATE. , 2018, , .		0
45	Manufacturing nanostructured chitosan-based 2D sheets with prolonged antimicrobial activity. <i>Romanian Journal of Morphology and Embryology</i> , 2018, 59, 517-525.	0.4	6
46	Nanotechnology for personalized medicine: cancer research, diagnosis, and therapy. , 2017, , 1-21.		3
47	Phyto-mediated metallic nano-architectures via <i>Melissa officinalis</i> L.: synthesis, characterization and biological properties. <i>Scientific Reports</i> , 2017, 7, 12428.	1.6	58
48	Micro-analytical and microbiological investigation of selected book papers from the nineteenth century. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 1377-1387.	2.0	4
49	Nanostructured materials for prolonged and safe food preservation. , 2017, , 305-335.		7
50	Introduction in <i>Soft Chemistry and Food Fermentation</i> . , 2017, , 1-19.		1
51	Seasonal monitoring of microbiological air contamination from a museum - a case study. <i>MATEC Web of Conferences</i> , 2017, 121, 11017.	0.1	1
52	Soft tissue engineering and microbial infections. , 2016, , 1-29.		5
53	Bioactive nanomaterials for cartilage and muscle regeneration. , 2016, , 261-297.		0
54	Enhanced photocatalysts based on Ag-TiO <sub>2</sub> and Ag-N-TiO <sub>2</sub> nanoparticles for multifunctional leather surface coating. <i>Open Chemistry</i> , 2016, 14, 383-392.	1.0	40

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55	Cured Antibacterial Compound Based on Silicone Rubber and TiO <sub>2</sub> and ZnO Nanoparticles. , 2016, , .		0
56	Biopolymers Tailored For Intelligent Scaffolding and Drug Delivery. Current Organic Chemistry, 2016, 20, 2989-2995.	0.9	0
57	Gamma-cyclodextrin/usnic acid thin film fabricated by MAPLE for improving the resistance of medical surfaces to Staphylococcus aureus colonization. Applied Surface Science, 2015, 336, 407-412.	3.1	19
58	Class I and II Bacteriocins: Structure, Biosynthesis and Drug Delivery Systems for the Improvement of their Antimicrobial Activity. Current Proteomics, 2014, 11, 121-127.	0.1	5
59	Modulation of virulence and antibiotic susceptibility of enteropathogenic Escherichia coli strains by Enterococcus faecium probiotic strain culture fractions. Anaerobe, 2011, 17, 448-451.	1.0	31
60	In vitro assessment of the antimicrobial activity of new N-acyl-thiourea derivatives. Roumanian Archives of Microbiology and Immunology, 2010, 69, 41-7.	0.1	4
61	Subinhibitory concentrations of phenyl lactic acid interfere with the expression of virulence factors in Staphylococcus aureus and Pseudomonas aeruginosa clinical strains. Roumanian Archives of Microbiology and Immunology, 2009, 68, 27-33.	0.1	14
62	The influence of some probiotic supernatants on the growth and virulence features expression of several selected enteroaggregative E. coli clinical strains. Roumanian Archives of Microbiology and Immunology, 2009, 68, 207-14.	0.1	7
63	In vitro study of the inhibitory activity of usnic acid on dental plaque biofilm. Roumanian Archives of Microbiology and Immunology, 2009, 68, 215-22.	0.1	12
64	Drastic Attenuation of Pseudomonas aeruginosa Pathogenicity in a Holoxenic Mouse Experimental Model Induced by Subinhibitory Concentrations of Phenyllactic acid (PLA). International Journal of Molecular Sciences, 2007, 8, 583-592.	1.8	11
65	Antibiotic Drug Delivery Systems for the Intracellular Targeting of Bacterial Pathogens. , 0, , .		12
66	Impact of Dental Plaque Biofilms in Periodontal Disease: Management and Future Therapy. , 0, , .		8
67	Modulation of Gut Microbiota by Essential Oils and Inorganic Nanoparticles: Impact in Nutrition and Health. Frontiers in Nutrition, 0, 9, .	1.6	8