

Lia Mara Ditu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5550862/publications.pdf>

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	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
2	Gut Microbiota, Host Organism, and Diet Dialogue in Diabetes and Obesity. <i>Frontiers in Nutrition</i> , 2019, 6, 21.	1.6	139
3	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
4	ZnO Nanoparticles-Modified Dressings to Inhibit Wound Pathogens. <i>Materials</i> , 2021, 14, 3084.	1.3	46
5	Zinc Oxide Nanoparticles for Water Purification. <i>Materials</i> , 2021, 14, 4747.	1.3	44
6	Antibacterial Activity of Bacterial Cellulose Loaded with Bacitracin and Amoxicillin: In Vitro Studies. <i>Molecules</i> , 2020, 25, 4069.	1.7	41
7	Enhanced photocatalysts based on Ag-TiO ₂ and Ag-N-TiO ₂ nanoparticles for multifunctional leather surface coating. <i>Open Chemistry</i> , 2016, 14, 383-392.	1.0	40
8	Phytosynthesis and radiation-assisted methods for obtaining metal nanoparticles. <i>Journal of Materials Science</i> , 2020, 55, 1915-1932.	1.7	33
9	Mixed Pluronic®/Cremophor Polymeric Micelles as Nanocarriers for Poorly Soluble Antibiotics® The Influence on the Antibacterial Activity. <i>Pharmaceutics</i> , 2021, 13, 435.	2.0	33
10	Modulation of virulence and antibiotic susceptibility of enteropathogenic <i>Escherichia coli</i> strains by <i>Enterococcus faecium</i> probiotic strain culture fractions. <i>Anaerobe</i> , 2011, 17, 448-451.	1.0	31
11	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
12	Eugenol-Functionalized Magnetite Nanoparticles Modulate Virulence and Persistence in <i>Pseudomonas aeruginosa</i> Clinical Strains. <i>Molecules</i> , 2021, 26, 2189.	1.7	27
13	Gamma-cyclodextrin/usnic acid thin film fabricated by MAPLE for improving the resistance of medical surfaces to <i>Staphylococcus aureus</i> colonization. <i>Applied Surface Science</i> , 2015, 336, 407-412.	3.1	19
14	Antibacterial and Photocatalytic Properties of ZnO Nanoparticles Obtained from Chemical versus <i>Saponaria officinalis</i> Extract-Mediated Synthesis. <i>Molecules</i> , 2021, 26, 2072.	1.7	19
15	Phenotypic and genotypic virulence features of staphylococcal strains isolated from difficult-to-treat skin and soft tissue infections. <i>PLoS ONE</i> , 2021, 16, e0246478.	1.1	17
16	Tuned apatitic materials: Synthesis, characterization and potential antimicrobial applications. <i>Applied Surface Science</i> , 2018, 438, 127-135.	3.1	16
17	Bee Pollen Extracts: Chemical Composition, Antioxidant Properties, and Effect on the Growth of Selected Probiotic and Pathogenic Bacteria. <i>Antioxidants</i> , 2022, 11, 959.	2.2	15
18	Gut Dysbiosis and <i>Clostridioides difficile</i> Infection in Neonates and Adults. <i>Frontiers in Microbiology</i> , 2021, 12, 651081.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Subinhibitory concentrations of phenyl lactic acid interfere with the expression of virulence factors in <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> clinical strains. <i>Roumanian Archives of Microbiology and Immunology</i> , 2009, 68, 27-33.	0.1	14
20	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
21	Facile In Situ Synthesis of ZnO Flower-like Hierarchical Nanostructures by the Microwave Irradiation Method for Multifunctional Textile Coatings. <i>Nanomaterials</i> , 2021, 11, 2574.	1.9	13
22	Antibiotic Drug Delivery Systems for the Intracellular Targeting of Bacterial Pathogens. , 0, , .		12
23	In Vitro Evaluation of MgB ₂ Powders as Novel Tools to Fight Fungal Biodeterioration of Heritage Buildings and Objects. <i>Frontiers in Materials</i> , 2021, 7, .	1.2	12
24	Additives Imparting Antimicrobial Properties to Acrylic Bone Cements. <i>Materials</i> , 2021, 14, 7031.	1.3	12
25	In vitro study of the inhibitory activity of usnic acid on dental plaque biofilm. <i>Roumanian Archives of Microbiology and Immunology</i> , 2009, 68, 215-22.	0.1	12
26	Drastic Attenuation of <i>Pseudomonas aeruginosa</i> Pathogenicity in a Holoxenic Mouse Experimental Model Induced by Subinhibitory Concentrations of Phenyllactic acid (PLA). <i>International Journal of Molecular Sciences</i> , 2007, 8, 583-592.	1.8	11
27	SARS-CoV-2: From Structure to Pathology, Host Immune Response and Therapeutic Management. <i>Microorganisms</i> , 2020, 8, 1468.	1.6	9
28	Impact of Dental Plaque Biofilms in Periodontal Disease: Management and Future Therapy. , 0, , .		8
29	Polyphenols of Honeybee Origin with Applications in Dental Medicine. <i>Antibiotics</i> , 2020, 9, 856.	1.5	8
30	ZnO Nanoparticles for Antimicrobial Treatment of Leather Surface. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 767-771.	0.2	8
31	Modulation of Gut Microbiota by Essential Oils and Inorganic Nanoparticles: Impact in Nutrition and Health. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	8
32	Nanostructured materials for prolonged and safe food preservation. , 2017, , 305-335.		7
33	The influence of some probiotic supernatants on the growth and virulence features expression of several selected enteroaggregative <i>E. coli</i> clinical strains. <i>Roumanian Archives of Microbiology and Immunology</i> , 2009, 68, 207-14.	0.1	7
34	Influence of gamma irradiation on the biological properties of <i>Asplenium scolopendrium</i> L. hydroalcoholic extracts. <i>Radiation Physics and Chemistry</i> , 2021, 181, 109175.	1.4	6
35	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
36	Soft tissue engineering and microbial infections. , 2016, , 1-29.		5

#	ARTICLE	IF	CITATIONS
37	Class I and II Bacteriocins: Structure, Biosynthesis and Drug Delivery Systems for the Improvement of their Antimicrobial Activity. <i>Current Proteomics</i> , 2014, 11, 121-127.	0.1	5
38	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
39	Analytical Characterization and Potential Antimicrobial and Photocatalytic Applications of Metal-Substituted Hydroxyapatite Materials. <i>Analytical Letters</i> , 2019, 52, 2332-2347.	1.0	4
40	Preliminary Study on Light-Activated Antimicrobial Agents as Photocatalytic Method for Protection of Surfaces with Increased Risk of Infections. <i>Materials</i> , 2021, 14, 5307.	1.3	4
41	Sustainable Coated Nanostructures Based on Alginate and Electrospun Collagen Loaded with Antimicrobial Agents. <i>Coatings</i> , 2021, 11, 121.	1.2	4
42	In vitro assessment of the antimicrobial activity of new N-acyl-thiourea derivatives. <i>Roumanian Archives of Microbiology and Immunology</i> , 2010, 69, 41-7.	0.1	4
43	Nanotechnology for personalized medicine: cancer research, diagnosis, and therapy. , 2017, , 1-21.		3
44	Introduction in Nutraceutical and Medicinal Foods. , 2018, , 1-12.		3
45	Advanced Drug-Eluting Poly (Vinyl Chloride) Surfaces Deposited by Spin Coating. <i>Medicina (Lithuania)</i> , 2019, 55, 421.	0.8	3
46	Design, Synthesis and Biopharmacological Profile Evaluation of New 2-((4- Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (Chlorophenoxy Current Organic Chemistry, 2019, 23, 1365-1377.	0.9	3
47	Antimicrobial Properties of TiO ₂ Microparticles Coated with Ca- and Cu-Based Composite Layers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6888.	1.8	3
48	Advanced Biodegradable Materials for Water and Beverages Packaging. , 2019, , 227-239.		2
49	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
50	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
51	Introduction in Soft Chemistry and Food Fermentation. , 2017, , 1-19.		1
52	Seasonal monitoring of microbiological air contamination from a museum - a case study. <i>MATEC Web of Conferences</i> , 2017, 121, 11017.	0.1	1
53	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
54	Bioactive nanomaterials for cartilage and muscle regeneration. , 2016, , 261-297.		0

#	ARTICLE	IF	CITATIONS
55	Research regarding biodegradable properties of food polymeric products under microorganism activity. AIP Conference Proceedings, 2018, , .	0.3	0
56	Photocatalytic techniques to prevent and combat healthcare associated infections. E3S Web of Conferences, 2019, 111, 04046.	0.2	0
57	Polyvinyl Chloride Antibacterial Recipes for Medical Devices. Materials Science Forum, 2019, 957, 409-416.	0.3	0
58	Synergistic Effects in Nanoparticle-Based Protective Coatings for Paper and Textiles. Proceedings (mdpi), 2019, 29, .	0.2	0
59	Decorated Apatitic Materials: Synthesis, Characterization, and Potential Application. Proceedings (mdpi), 2019, 29, 33.	0.2	0
60	Non-Invasive Treatment Based on Nanomaterials for Cultural Heritage Objects. Proceedings (mdpi), 2019, 29, 36.	0.2	0
61	Cured Antibacterial Compound Based on Silicone Rubber and TiO ₂ and ZnO Nanoparticles. , 2016, , .		0
62	Biopolymers Tailored For Intelligent Scaffolding and Drug Delivery. Current Organic Chemistry, 2016, 20, 2989-2995.	0.9	0
63	Adherence and Biofilm Formation in Candida albicans Strains Isolated from Different Infection Sites in Hospitalized Patients. Revista De Chimie (discontinued), 2018, 68, 2832-2835.	0.2	0
64	ASSESSMENT OF THE NORMAL MICROBIOTA AND SOIL PARAMETERS ASSOCIATED WITH ROMANIAN RARE PLANTS FROM NATURAL HABITATE. , 2018, , .		0
65	Therapeutic nanostructures: novel approaches. , 2019, , 1-22.		0
66	Potential Application of Apatitic Materials Substituted with Co and Zn as Antimicrobial Treatment in the Preservation of Cultural Heritage. , 2022, 7, .		0
67	Green Synthesis of Bimetallic Nanostructures Using Vine Shoot Extracts” Characterization and Antimicrobial Effects. , 2022, 7, .		0