

Mariana Carmen Chifiriuc

List of Publications by Year in descending order

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371
papers

7,167
citations

66343

42
h-index

133252

59
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378
all docs

378
docs citations

378
times ranked

8884
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper(II) species with 1 <i>α</i> -cetylbiguanide: Structural characterization, ROS scavenging, antibacterial activity, biocompatibility and in silico studies. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6471.	3.5	5
2	Benign by design: porous spherical ZnO-alginate family via a dual-template synthesis. <i>Applied Surface Science</i> , 2022, 580, 152231.	6.1	2
3	Soft Chemistry Synthesis and Characterization of CoFe _{1.8} RE _{0.2} O ₄ (RE ³⁺ = Tb ³⁺ , Er ³⁺) Ferrite. <i>Magnetochemistry</i> , 2022, 8, 12.	2.4	4
4	Insights into Structure and Biological Activity of Copper(II) and Zinc(II) Complexes with Triazolopyrimidine Ligands. <i>Molecules</i> , 2022, 27, 765.	3.8	1
5	Metal Complexes—A Promising Approach to Target Biofilm Associated Infections. <i>Molecules</i> , 2022, 27, 758.	3.8	17
6	Advances in the Rapid Diagnostic of Viral Respiratory Tract Infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 807253.	3.9	14
7	Microbiome, Mycobiome and Related Metabolites Alterations in Patients with Metabolic Syndrome—A Pilot Study. <i>Metabolites</i> , 2022, 12, 218.	2.9	12
8	Inter-Species Rescue of Mutant Phenotype—The Standard for Genetic Analysis of Human Genetic Disorders in <i>Drosophila melanogaster</i> Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2613.	4.1	4
9	Epigenetics and Testicular Cancer: Bridging the Gap Between Fundamental Biology and Patient Care. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 861995.	3.7	9
10	Novel Structures of Functionalized Graphene Oxide with Hydrazide: Characterization and Bioevaluation of Antimicrobial and Cytocompatibility Features. <i>Coatings</i> , 2022, 12, 45.	2.6	3
11	International Travel as a Risk Factor for Carriage of Extended-Spectrum \hat{I}^2 -Lactamase-Producing <i>Escherichia coli</i> in a Large Sample of European Individuals—The AWARE Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4758.	2.6	7
12	In Silico and Experimental Investigation of the Biological Potential of Some Recently Developed Carprofen Derivatives. <i>Molecules</i> , 2022, 27, 2722.	3.8	4
13	Snapshot of resistance and virulence features in ESCAPE strains frequently isolated from surgical wound infections in a Romanian hospital. <i>Romanian Journal of Laboratory Medicine</i> , 2022, 30, 215-226.	0.2	0
14	First Report on the Phenotypic and Genotypic Susceptibility Profiles to Silver Nitrate in Bacterial Strains Isolated from Infected Leg Ulcers in Romanian Patients. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4801.	2.5	0
15	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
16	In Silico and In Vitro Assessment of Antimicrobial and Antibiofilm Activity of Some 1,3-Oxazole-Based Compounds and Their Isosteric Analogues. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5571.	2.5	4
17	Antioxidative Defense and Gut Microbial Changes under Pollution Stress in <i>Carassius gibelio</i> from Bucharest Lakes. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7510.	2.6	3
18	Mutations of \hat{I}^3 COP Gene Disturb <i>Drosophila melanogaster</i> Innate Immune Response to <i>Pseudomonas aeruginosa</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 6499.	4.1	1

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19	Effects of the Lipid Profile, Type 2 Diabetes and Medication on the Metabolic Syndrome-Associated Gut Microbiome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7509.	4.1	11
20	Design, Characterization, and Antibacterial Performance of MAPLE-Deposited Coatings of Magnesium Phosphate-Containing Silver Nanoparticles in Biocompatible Concentrations. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7910.	4.1	8
21	Multi-Level Evaluation of UV Action upon Vitamin D Enhanced, Silver Doped Hydroxyapatite Thin Films Deposited on Titanium Substrate. <i>Coatings</i> , 2021, 11, 120.	2.6	3
22	First report on antibiotic resistance and antimicrobial activity of bacterial isolates from 13,000-year old cave ice core. <i>Scientific Reports</i> , 2021, 11, 514.	3.3	24
23	In Vitro Evaluation of MgB2 Powders as Novel Tools to Fight Fungal Biodeterioration of Heritage Buildings and Objects. <i>Frontiers in Materials</i> , 2021, 7, .	2.4	12
24	Bacteriocins in the Era of Antibiotic Resistance: Rising to the Challenge. <i>Pharmaceutics</i> , 2021, 13, 196.	4.5	47
25	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.	2.5	17
26	Microbiome, Immunosenescence, and Chronic Kidney Disease. <i>Frontiers in Medicine</i> , 2021, 8, 661203.	2.6	17
27	Present and Future Perspectives on Therapeutic Options for Carbapenemase-Producing Enterobacterales Infections. <i>Microorganisms</i> , 2021, 9, 730.	3.6	10
28	Dysbiosis in the Development of Type I Diabetes and Associated Complications: From Mechanisms to Targeted Gut Microbes Manipulation Therapies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2763.	4.1	10
29	Contribution of Essential Oils to the Fight against Microbial Biofilms- A Review. <i>Processes</i> , 2021, 9, 537.	2.8	23
30	Eugenol-Functionalized Magnetite Nanoparticles Modulate Virulence and Persistence in <i>Pseudomonas aeruginosa</i> Clinical Strains. <i>Molecules</i> , 2021, 26, 2189.	3.8	27
31	Antibiotic Resistance in Wastewater Treatment Plants and Transmission Risks for Employees and Residents: The Concept of the AWARE Study. <i>Antibiotics</i> , 2021, 10, 478.	3.7	17
32	New O-Aryl-Carbamoyl-Oxymino-Fluorene Derivatives with Microbicidal and Antibiofilm Activity Enhanced by Combination with Iron Oxide Nanoparticles. <i>Molecules</i> , 2021, 26, 3002.	3.8	6
33	Preparation of Porous Hydroxyapatite Using Cetyl Trimethyl Ammonium Bromide as Surfactant for the Removal of Lead Ions from Aquatic Solutions. <i>Polymers</i> , 2021, 13, 1617.	4.5	18
34	Chemical Composition, Antipathogenic and Cytotoxic Activity of the Essential Oil Extracted from <i>Amorpha fruticosa</i> Fruits. <i>Molecules</i> , 2021, 26, 3146.	3.8	12
35	Isoflavonoid-Antibiotic Thin Films Fabricated by MAPLE with Improved Resistance to Microbial Colonization. <i>Molecules</i> , 2021, 26, 3634.	3.8	5
36	Subtypes, resistance and virulence platforms in extended-drug resistant <i>Acinetobacter baumannii</i> Romanian isolates. <i>Scientific Reports</i> , 2021, 11, 13288.	3.3	16

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37	ZnO Nanoparticles-Modified Dressings to Inhibit Wound Pathogens. <i>Materials</i> , 2021, 14, 3084.	2.9	46
38	Modulation of Quorum Sensing and Biofilms in Less Investigated Gram-Negative ESKAPE Pathogens. <i>Frontiers in Microbiology</i> , 2021, 12, 676510.	3.5	29
39	The Impact of Long-Term Antibiotic Therapy of Cutaneous Adverse Reactions to EGFR Inhibitors in Colorectal Cancer Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 3219.	2.4	12
40	Synthesis, In Silico and In Vitro Evaluation of Antimicrobial and Toxicity Features of New 4-[(4-Chlorophenyl)sulfonyl]benzoic Acid Derivatives. <i>Molecules</i> , 2021, 26, 5107.	3.8	3
41	Antimicrobial Activity of MgB2 Powders Produced via Reactive Liquid Infiltration Method. <i>Molecules</i> , 2021, 26, 4966.	3.8	3
42	Antiproliferative and antibacterial properties of biocompatible copper(II) complexes bearing chelating N,N-heterocycle ligands and potential mechanisms of action. <i>BioMetals</i> , 2021, 34, 1155-1172.	4.1	6
43	Antibiotic resistance profiles in cultivable microbiota isolated from some romanian natural fishery lakes included in Natura 2000 network. <i>BMC Veterinary Research</i> , 2021, 17, 52.	1.9	13
44	Insight on Ni(II) and Cu(II) complexes of biguanide derivatives developed as effective antimicrobial and antitumour agents. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6155.	3.5	5
45	Valorization of <i>Gleditsia triacanthos</i> Invasive Plant Cellulose Microfibers and Phenolic Compounds for Obtaining Multi-Functional Wound Dressings with Antimicrobial and Antioxidant Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 33.	4.1	12
46	New Cobalt (II) Complexes with Imidazole Derivatives: Antimicrobial Efficiency against Planktonic and Adherent Microbes and In Vitro Cytotoxicity Features. <i>Molecules</i> , 2021, 26, 55.	3.8	14
47	Microcalorimetryâ€”Versatile Method of Describing Bacterial Growth. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9740.	2.5	0
48	Composite Drug Delivery System Based on Amorphous Calcium Phosphateâ€”Chitosan: An Efficient Antimicrobial Platform for Extended Release of Tetracycline. <i>Pharmaceutics</i> , 2021, 13, 1659.	4.5	5
49	Sintered and 3D-Printed Bulks of MgB2-Based Materials with Antimicrobial Properties. <i>Molecules</i> , 2021, 26, 6045.	3.8	4
50	Demonstration of <i>Allium sativum</i> Extract Inhibitory Effect on Biodeteriogenic Microbial Strain Growth, Biofilm Development, and Enzymatic and Organic Acid Production. <i>Molecules</i> , 2021, 26, 7195.	3.8	16
51	Point-of-Care Testingâ€”The Key in the Battle against SARS-CoV-2 Pandemic. <i>Micromachines</i> , 2021, 12, 1464.	2.9	18
52	Biological Activity of Triazolopyrimidine Copper(II) Complexes Modulated by an Auxiliary N-N-Chelating Heterocycle Ligands. <i>Molecules</i> , 2021, 26, 6772.	3.8	6
53	Original Contributions to the Chemical Composition, Microbicidal, Virulence-Arresting and Antibiotic-Enhancing Activity of Essential Oils from Four Coniferous Species. <i>Pharmaceutics</i> , 2021, 14, 1159.	3.8	10
54	SEVELAMER CARBONATE MODULATES THE NLRP3 AND NLRP6 INFLAMMASOME EXPRESSION IN PATIENTS WITH DIABETIC NEPHROPATHY. <i>Roumanian Archives of Microbiology and Immunology</i> , 2021, 80, 125-132.	0.3	0

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55	Gut Dysbiosis and Clostridioides difficile Infection in Neonates and Adults. <i>Frontiers in Microbiology</i> , 2021, 12, 651081.	3.5	14
56	Contribution of Epithelial and Gut Microbiome Inflammatory Biomarkers to the Improvement of Colorectal Cancer Patientsâ€™ Stratification. <i>Frontiers in Oncology</i> , 2021, 11, 811486.	2.8	3
57	Fabrication of Novel Chitosanâ€“Hydroxyapatite Nanostructured Thin Films for Biomedical Applications. <i>Coatings</i> , 2021, 11, 1561.	2.6	8
58	Nitrogen and Bromide Co-Doped Hydroxyapatite Thin Films with Antimicrobial Properties. <i>Coatings</i> , 2021, 11, 1505.	2.6	1
59	Antiviral Immunity in SARS-CoV-2 Infection: From Protective to Deleterious Responses. <i>Microorganisms</i> , 2021, 9, 2578.	3.6	1
60	Carriage of ESBL-producing Enterobacterales in wastewater treatment plant workers and surrounding residents â€“ the AWARE Study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, , 1.	2.9	9
61	Synthesis, physico-chemical characterization, antimicrobial activity and toxicological features of Ag ZnO nanoparticles. <i>Arabian Journal of Chemistry</i> , 2020, 13, 4180-4197.	4.9	31
62	Aminopropyl-silica functionalized with halogen-reactive compounds for antimicrobial applications. <i>Materials Chemistry and Physics</i> , 2020, 241, 122353.	4.0	2
63	SARS-CoV-2: From Structure to Pathology, Host Immune Response and Therapeutic Management. <i>Microorganisms</i> , 2020, 8, 1468.	3.6	9
64	Emerging Strategies to Combat β -Lactamase Producing ESKAPE Pathogens. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8527.	4.1	22
65	Resistance and Virulence Features of Bacteroides spp. Isolated from Abdominal Infections in Romanian Patients. <i>Pathogens</i> , 2020, 9, 940.	2.8	6
66	In Vitro Evaluation of the Antimicrobial and Immunomodulatory Activity of Culinary Herb Essential Oils as Potential Perioperative. <i>Antibiotics</i> , 2020, 9, 428.	3.7	14
67	Synthesis, density functional theory study and in vitro antimicrobial evaluation of new benzimidazole Mannich bases. <i>BMC Chemistry</i> , 2020, 14, 45.	3.8	25
68	Evolution of Inflammatory and Oxidative Stress Markers in Romanian Obese Male Patients with Type 2 Diabetes Mellitus after Laparoscopic Sleeve Gastrectomy: One Year Follow-Up. <i>Metabolites</i> , 2020, 10, 308.	2.9	1
69	Anti-biofilm Fe ₃ O ₄ @C18-[1,3,4]thiadiazolo[3,2-a]pyrimidin-4-ium-2-thiolate Derivative Core-shell Nanocoatings. <i>Materials</i> , 2020, 13, 4640.	2.9	6
70	Rapid Detection and Antibiotic Susceptibility of Uropathogenic Escherichia coli by Flow Cytometry. <i>Microorganisms</i> , 2020, 8, 1233.	3.6	6
71	Copper(II) Complexes with Mixed Heterocycle Ligands as Promising Antibacterial and Antitumor Species. <i>Molecules</i> , 2020, 25, 3777.	3.8	18
72	Laser-Irradiated Chlorpromazine as a Potent Anti-Biofilm Agent for Coating of Biomedical Devices. <i>Coatings</i> , 2020, 10, 1230.	2.6	14

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73	Fish Bone Derived Bi-Phasic Calcium Phosphate Coatings Fabricated by Pulsed Laser Deposition for Biomedical Applications. <i>Marine Drugs</i> , 2020, 18, 623.	4.6	14
74	Synthesis and Characterization of New Fluoro/Trifluoromethyl-Substituted Acylthiourea Derivatives with Promising Activity against Planktonic and Biofilm-Embedded Microbial Cells. <i>Processes</i> , 2020, 8, 503.	2.8	8
75	Synthesis, physicochemical characterization and bioevaluation of Ni(II), Pd(II), and Pt(II) complexes with 1- <i>o</i> -tolylbiguanide: Antimicrobial and antitumor studies. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5807.	3.5	4
76	Nanoparticulate drug-delivery systems for fighting microbial biofilms: from bench to bedside. <i>Future Microbiology</i> , 2020, 15, 679-698.	2.0	34
77	Targeting Plasmids to Limit Acquisition and Transmission of Antimicrobial Resistance. <i>Frontiers in Microbiology</i> , 2020, 11, 761.	3.5	83
78	Antibiotic Resistance Profiles, Molecular Mechanisms and Innovative Treatment Strategies of <i>Acinetobacter baumannii</i> . <i>Microorganisms</i> , 2020, 8, 935.	3.6	96
79	Multifunctional Hydroxyapatite Coated with <i>Artemisia absinthium</i> Composites. <i>Molecules</i> , 2020, 25, 413.	3.8	14
80	Antimicrobial and Cytocompatible Bovine Hydroxyapatite-Alumina-Zeolite Composite Coatings Synthesized by Pulsed Laser Deposition from Low-Cost Sustainable Natural Resources. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4026-4036.	6.7	14
81	Design, Synthesis and In Vitro Characterization of Novel Antimicrobial Agents Based on 6-Chloro-9H-carbazol Derivatives and 1,3,4-Oxadiazole Scaffolds. <i>Molecules</i> , 2020, 25, 266.	3.8	21
82	Whole genome sequencing snapshot of multi-drug resistant <i>Klebsiella pneumoniae</i> strains from hospitals and receiving wastewater treatment plants in Southern Romania. <i>PLoS ONE</i> , 2020, 15, e0228079.	2.5	56
83	New Substituted Benzoylthiourea Derivatives: From Design to Antimicrobial Applications. <i>Molecules</i> , 2020, 25, 1478.	3.8	19
84	Multidrug Resistant <i>Klebsiella pneumoniae</i> ST101 Clone Survival Chain From Inpatients to Hospital Effluent After Chlorine Treatment. <i>Frontiers in Microbiology</i> , 2020, 11, 610296.	3.5	28
85	Current Promising Antibiotics and Future Approaches in Combating Carbapenemase-Producing Enterobacteriaceae. <i>Proceedings (mdpi)</i> , 2020, 66, 25.	0.2	1
86	The Role of Intestinal Microbiota and Microbial Metabolites in the Development of Host Metabolic Syndrome. <i>Food Chemistry, Function and Analysis</i> , 2020, , 191-209.	0.2	2
87	The Evolution of the Bacterial Community Between Hospitals, Wastewater Treatment Plants and the Aquatic Environment. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 313-316.	0.4	6
88	Chemical, Antimicrobial, Antioxidant and Anti-proliferative Features of the Essential Oil Extracted from the Invasive Plant <i>Solidago canadensis</i> L.. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 255-264.	0.4	3
89	Beneficial effects of food supplements based on hydrolyzed collagen for skin care (Review). <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 12-17.	1.8	18
90	Antibiotic resistance determinants of <i>Acinetobacter baumannii</i> strains isolated from nosocomial infections. <i>Romanian Biotechnological Letters</i> , 2020, 25, 1658-1665.	0.5	1

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91	The Role of Cytokine in the Diagnosis and Monitoring of Patients with Systemic Infections. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 455-463.	0.4	0
92	Reduced graphene oxide/TiO ₂ nanocomposites coating of cotton fabrics with antibacterial and self-cleaning properties. <i>Journal of Industrial Textiles</i> , 2019, 49, 277-293.	2.4	50
93	Norfloxacin delivery systems based on MCM-type silica carriers designed for the treatment of severe infections. <i>Materials Chemistry and Physics</i> , 2019, 238, 121886.	4.0	8
94	Electrospun Polyethylene Terephthalate Nanofibers Loaded with Silver Nanoparticles: Novel Approach in Anti-Infective Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 1039.	2.4	33
95	Fluorescent coumarin-modified mesoporous SBA-15 nanocomposite: Physico-chemical characterization and interaction with prokaryotic and eukaryotic cells. <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109583.	4.4	4
96	Design, Synthesis and Biological Evaluation of New Piperazin-4-yl-(acetyl-thiazolidine-2,4-dione) Norfloxacin Analogues as Antimicrobial Agents. <i>Molecules</i> , 2019, 24, 3959.	3.8	24
97	Antibiotic Incidence, Distribution and Resistance in Wastewaters. <i>Proceedings (mdpi)</i> , 2019, 29, .	0.2	0
98	Pulsed Laser Deposited Biocompatible Lithium-Doped Hydroxyapatite Coatings with Antimicrobial Activity. <i>Coatings</i> , 2019, 9, 54.	2.6	15
99	Peppermint Essential Oil-Doped Hydroxyapatite Nanoparticles with Antimicrobial Properties. <i>Molecules</i> , 2019, 24, 2169.	3.8	41
100	Snapshot of Phylogenetic Groups, Virulence, and Resistance Markers in <i>Escherichia coli</i> Uropathogenic Strains Isolated from Outpatients with Urinary Tract Infections in Bucharest, Romania. <i>BioMed Research International</i> , 2019, 2019, 1-8.	1.9	27
101	Self-assembled zinc oxide hierarchical structures with enhanced antibacterial properties from stacked chain-like zinc oxalate compounds. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 258-270.	9.4	9
102	Evaluating the biological potential of some new cobalt (II) complexes with acrylate and benzimidazole derivatives. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4976.	3.5	15
103	Influence of Ag, Au and Pd noble metals doping on structural, optical and antimicrobial properties of zinc oxide and titanium dioxide nanomaterials. <i>Heliyon</i> , 2019, 5, e01333.	3.2	47
104	Gut Microbiota, Host Organism, and Diet Dialogue in Diabetes and Obesity. <i>Frontiers in Nutrition</i> , 2019, 6, 21.	3.7	139
105	In vitro antimicrobial efficacy of laser exposed chlorpromazine against Gram-positive bacteria in planktonic and biofilm growth state. <i>Microbial Pathogenesis</i> , 2019, 129, 250-256.	2.9	10
106	Microbiological and Chemical Characterization of Bottled Waters. , 2019, , 209-226.		1
107	Preparations of Silver/Montmorillonite Biocomposite Multilayers and Their Antifungal Activity. <i>Coatings</i> , 2019, 9, 817.	2.6	14
108	Successful Release of Voriconazole and Flavonoids from MAPLE Deposited Bioactive Surfaces. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 786.	2.5	6

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109	Do wastewater treatment plants increase antibiotic resistant bacteria or genes in the environment? Protocol for a systematic review. <i>Systematic Reviews</i> , 2019, 8, 304.	5.3	24
110	Designing cotton fibers impregnated with photocatalytic graphene oxide/Fe, N-doped TiO ₂ particles as prospective industrial self-cleaning and biocompatible textiles. <i>Materials Science and Engineering C</i> , 2019, 94, 318-332.	7.3	45
111	Eco-friendly synthesized spherical ZnO materials: Effect of the core-shell to solid morphology transition on antimicrobial activity. <i>Materials Science and Engineering C</i> , 2019, 97, 438-450.	7.3	11
112	Multifunctional ZnO materials prepared by a versatile green carbohydrate-assisted combustion method for environmental remediation applications. <i>Ceramics International</i> , 2019, 45, 2295-2302.	4.8	15
113	Thermal, spectral and biological characterisation of copper(II) complexes with isoniazid-based hydrazones. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 1977-1987.	3.6	8
114	Gradient multifunctional biopolymer thin film assemblies synthesized by combinatorial MAPLE. <i>Applied Surface Science</i> , 2019, 466, 628-636.	6.1	12
115	Covalent coupling of tuberculostatic agents and graphene oxide: A promising approach for enhancing and extending their antimicrobial applications. <i>Applied Surface Science</i> , 2019, 471, 553-565.	6.1	19
116	Design, Synthesis and Biopharmacological Profile Evaluation of New 2-((4- Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (Chlorophenoxy Current Organic Chemistry, 2019, 23, 1365-1377.	1.6	3
117	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.	0.2	2
118	Anticancer effects of curcumin in luminal B and HER2 breast cancer cell line models. <i>Romanian Biotechnological Letters</i> , 2019, 24, 168-175.	0.5	3
119	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
120	The development of an analysis protocol based on flow cytometry for rapid detection of uropathogenic <i>E. coli</i> in artificially contaminated urine samples. <i>Romanian Biotechnological Letters</i> , 2019, 24, 563-570.	0.5	3
121	Molecular characterization based on Internal Transcribed Spacer (ITS) marker sequence of fungal strains isolated from heritage ethnographic textiles. <i>Romanian Biotechnological Letters</i> , 2019, 24, 906-912.	0.5	3
122	ANTIMICROBIAL ASSAY OF A CAPSAICIN $\alpha\epsilon^{\pm}$ -CYCLODEXTRIN INCLUSION COMPLEX AGAINST PLANKTONIC AND ADHERENT CELLS. <i>Farmacia</i> , 2019, 67, 496-503.	0.4	2
123	Alternative strategies for fighting multidrug resistant bacterial infections. <i>Biointerface Research in Applied Chemistry</i> , 2019, 9, 3834-3841.	1.0	16
124	Influence of age on sperm parameters in men with suspected infertility. <i>Romanian Biotechnological Letters</i> , 2019, 24, 82-90.	0.5	3
125	Emerging applications of flow cytometry for clinical microbiology. <i>Reviews in Biological and Biomedical Sciences</i> , 2019, 2, 41-46.	0.1	0
126	Synthesis and Antimicrobial Assessment of Some New 2-(Thiazol-5-yl)-1,3,4-oxadiazoles. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 1996-1999.	0.4	0

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127	PLGA-GENTAMICIN BIOCOMPOSITE MATERIALS WITH POTENTIAL ANTIMICROBIAL APPLICATIONS IN ORTHOPEDICS. <i>Farmacia</i> , 2019, 67, 580-586.	0.4	2
128	Resistance and Virulence Features in Carbapenem-resistant <i>Acinetobacter baumannii</i> Community Acquired and Nosocomial Isolates in Romania. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 3502-3507.	0.4	6
129	Identification of fungal strains isolated from buildings of cultural importance in Romania and antagonistic relationships amongst them. <i>Romanian Biotechnological Letters</i> , 2019, 24, 1008-1014.	0.5	3
130	New biologically active mixed-ligand Co(II) and Ni(II) complexes of enrofloxacin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 527-541.	3.6	10
131	New bio-active, antimicrobial and adherent coatings of nanostructured carbon double-reinforced with silver and silicon by Matrix-Assisted Pulsed Laser Evaporation for medical applications. <i>Applied Surface Science</i> , 2018, 441, 871-883.	6.1	22
132	Synthesis and Characterization of Chitosan-Coated Cobalt Ferrite Nanoparticles and Their Antimicrobial Activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 1932-1941.	3.7	23
133	Thermal behaviour of some biological active perchlorate complexes with a triazolopyrimidine derivative. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 665-677.	3.6	7
134	Synthesis, spectroscopic characterization, DFT study and antimicrobial activity of novel alkylaminopyrazole derivatives. <i>Journal of Molecular Structure</i> , 2018, 1156, 12-21.	3.6	13
135	X-ray Crystal Structure, Geometric Isomerism, and Antimicrobial Activity of New Copper(II) Carboxylate Complexes with Imidazole Derivatives. <i>Molecules</i> , 2018, 23, 3253.	3.8	6
136	Impact of <i>Pseudomonas aeruginosa</i> quorum sensing signaling molecules on adhesion and inflammatory markers in endothelial cells. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2580-2588.	2.2	10
137	New N-(oxazolylmethyl)-thiazolidinedione Active against <i>Candida albicans</i> Biofilm: Potential Als Proteins Inhibitors. <i>Molecules</i> , 2018, 23, 2522.	3.8	22
138	The European Federation of Clinical Chemistry and Laboratory Medicine syllabus for postgraduate education and training for Specialists in Laboratory Medicine: version 5 â€“ 2018. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 1846-1863.	2.3	24
139	Functional properties improvement of Ag-ZnO thin films using Inconel 600 interlayer produced by electron beam evaporation technique. <i>Thin Solid Films</i> , 2018, 667, 76-87.	1.8	6
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