

# 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  
g-index

378  
all docs

378  
docs citations

378  
times ranked

8884  
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.	4.8	371
2	Gut Microbiota, Host Organism, and Diet Dialogue in Diabetes and Obesity. <i>Frontiers in Nutrition</i> , 2019, 6, 21.	3.7	139
3	Synthesis and Antimicrobial Activity of Silver-Doped Hydroxyapatite Nanoparticles. <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	127
4	Microbial Biofilms in Urinary Tract Infections and Prostatitis: Etiology, Pathogenicity, and Combating strategies. <i>Pathogens</i> , 2016, 5, 65.	2.8	122
5	Hybrid magnetite nanoparticles/Rosmarinus officinalis essential oil nanobiosystem with antibiofilm activity. <i>Nanoscale Research Letters</i> , 2012, 7, 209.	5.7	111
6	Antibiotic Resistance Profiles, Molecular Mechanisms and Innovative Treatment Strategies of <i>Acinetobacter baumannii</i> . <i>Microorganisms</i> , 2020, 8, 935.	3.6	96
7	Polymicrobial wound infections: Pathophysiology and current therapeutic approaches. <i>International Journal of Pharmaceutics</i> , 2014, 463, 119-126.	5.2	88
8	Biohybrid Nanostructured Iron Oxide Nanoparticles and <i>Satureja hortensis</i> to Prevent Fungal Biofilm Development. <i>International Journal of Molecular Sciences</i> , 2013, 14, 18110-18123.	4.1	84
9	Targeting Plasmids to Limit Acquisition and Transmission of Antimicrobial Resistance. <i>Frontiers in Microbiology</i> , 2020, 11, 761.	3.5	83
10	Microbial Biofilms: Impact on the Pathogenesis of Periodontitis, Cystic Fibrosis, Chronic Wounds and Medical Device-Related Infections. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1552-1576.	2.1	83
11	Green Synthesis Methods of $\text{CoFe}_2\text{O}_4$ and $\text{Ag-CoFe}_2\text{O}_4$ Nanoparticles Using Hibiscus Extracts and Their Antimicrobial Potential. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-12.	2.7	75
12	Drosophotoxicology: An Emerging Research Area for Assessing Nanoparticles Interaction with Living Organisms. <i>International Journal of Molecular Sciences</i> , 2016, 17, 36.	4.1	73
13	Prospects for new antimicrobials based on N,N-dimethylbiguanide complexes as effective agents on both planktonic and adhered microbial strains. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 2868-2875.	5.5	69
14	Copper(II) Complexes with Ligands Derived from 4-Amino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one: Synthesis and Biological Activity. <i>Molecules</i> , 2006, 11, 904-914.	3.8	67
15	Water dispersible cross-linked magnetic chitosan beads for increasing the antimicrobial efficiency of aminoglycoside antibiotics. <i>International Journal of Pharmaceutics</i> , 2013, 454, 233-240.	5.2	67
16	Functionalized antibiofilm thin coatings based on PLA/PVA microspheres loaded with usnic acid natural compounds fabricated by MAPLE. <i>Applied Surface Science</i> , 2014, 302, 262-267.	6.1	64
17	N,N-dimethylbiguanide complexes displaying low cytotoxicity as potential large spectrum antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3027-3034.	5.5	63
18	Virulence and resistance features of <i>Pseudomonas aeruginosa</i> strains isolated from chronic leg ulcers. <i>BMC Infectious Diseases</i> , 2016, 16, 92.	2.9	59

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19	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
20	Inhibitory Activity of $\text{Fe}_3\text{O}_4$ /Oleic Acid/Usnic Acid@Core/Shell/Extra-Shell Nanofluid on <i>S. aureus</i> Biofilm Development. <i>IEEE Transactions on Nanobioscience</i> , 2011, 10, 269-274.	3.3	53
21	Synthesis, characterization and in vitro assessment of the magnetic chitosan@carboxymethylcellulose biocomposite interactions with the prokaryotic and eukaryotic cells. <i>International Journal of Pharmaceutics</i> , 2012, 436, 771-777.	5.2	53
22	Structural, compositional, mechanical characterization and biological assessment of bovine-derived hydroxyapatite coatings reinforced with MgF <sub>2</sub> or MgO for implants functionalization. <i>Materials Science and Engineering C</i> , 2016, 59, 863-874.	7.3	53
23	Fabrication, Characterization, and Antimicrobial Activity, Evaluation of Low Silver Concentrations in Silver-Doped Hydroxyapatite Nanoparticles. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-9.	2.7	52
24	Magnetite nanoparticles for functionalized textile dressing to prevent fungal biofilms development. <i>Nanoscale Research Letters</i> , 2012, 7, 501.	5.7	51
25	MAPLE fabricated magnetite@eugenol and (3-hydroxybutyric acid-co-3-hydroxyvaleric acid)@polyvinyl alcohol microspheres coated surfaces with anti-microbial properties. <i>Applied Surface Science</i> , 2014, 306, 16-22.	6.1	51
26	Antibacterial Activity of New Dibenzoxepinone Oximes with Fluorine and Trifluoromethyl Group Substituents. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6432-6444.	4.1	50
27	Modified wound dressing with phyto-nanostructured coating to prevent staphylococcal and pseudomonal biofilm development. <i>Nanoscale Research Letters</i> , 2012, 7, 690.	5.7	50
28	Reduced graphene oxide/TiO <sub>2</sub> nanocomposites coating of cotton fabrics with antibacterial and self-cleaning properties. <i>Journal of Industrial Textiles</i> , 2019, 49, 277-293.	2.4	50
29	Water dispersible magnetite nanoparticles influence the efficacy of antibiotics against planktonic and biofilm embedded <i>Enterococcus faecalis</i> cells. <i>Anaerobe</i> , 2013, 22, 14-19.	2.1	49
30	Efficiency of Vanilla, Patchouli and Ylang Ylang Essential Oils Stabilized by Iron Oxide@C14 Nanostructures against Bacterial Adherence and Biofilms Formed by <i>Staphylococcus aureus</i> and <i>Klebsiella pneumoniae</i> Clinical Strains. <i>Molecules</i> , 2014, 19, 17943-17956.	3.8	49
31	Thermal behavior, spectroscopic and biological characterization of Co(II), Zn(II), Pd(II) and Pt(II) complexes with N,N-dimethylbiguanide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 80, 451-455.	3.6	47
32	Improved antibacterial activity of cephalosporins loaded in magnetic chitosan microspheres. <i>International Journal of Pharmaceutics</i> , 2012, 436, 201-205.	5.2	47
33	In vitro activity of the new water-dispersible Fe <sub>3</sub> O <sub>4</sub> @usnic acid nanostructure against planktonic and sessile bacterial cells. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	47
34	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
35	Synthesis of nanocrystalline cobalt ferrite through soft chemistry methods: A green chemistry approach using sesame seed extract. <i>Materials Chemistry and Physics</i> , 2016, 182, 219-230.	4.0	47
36	Markers of Oxidative Stress and Antioxidant Defense in Romanian Patients with Type 2 Diabetes Mellitus and Obesity. <i>Molecules</i> , 2017, 22, 714.	3.8	47

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37	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
38	Bacteriocins in the Era of Antibiotic Resistance: Rising to the Challenge. <i>Pharmaceutics</i> , 2021, 13, 196.	4.5	47
39	ZnO Nanoparticles-Modified Dressings to Inhibit Wound Pathogens. <i>Materials</i> , 2021, 14, 3084.	2.9	46
40	Usnic acid-loaded biocompatible magnetic PLGA-PVA microsphere thin films fabricated by MAPLE with increased resistance to staphylococcal colonization. <i>Biofabrication</i> , 2014, 6, 035002.	7.1	45
41	Designing cotton fibers impregnated with photocatalytic graphene oxide/Fe, N-doped TiO <sub>2</sub> particles as prospective industrial self-cleaning and biocompatible textiles. <i>Materials Science and Engineering C</i> , 2019, 94, 318-332.	7.3	45
42	Synthesis, Spectroscopic Properties and Antipathogenic Activity of New Thiourea Derivatives. <i>Molecules</i> , 2011, 16, 7593-7607.	3.8	44
43	Tunable ZnO spheres with high anti-biofilm and antibacterial activity via a simple green hydrothermal route. <i>Journal of Colloid and Interface Science</i> , 2016, 462, 64-74.	9.4	44
44	Chemical Composition and Antipathogenic Activity of <i>Artemisia annua</i> Essential Oil from Romania. <i>Chemistry and Biodiversity</i> , 2015, 12, 1554-1564.	2.1	43
45	Peppermint Essential Oil-Doped Hydroxyapatite Nanoparticles with Antimicrobial Properties. <i>Molecules</i> , 2019, 24, 2169.	3.8	41
46	Medical significance and new therapeutical strategies for biofilm associated infections. <i>Roumanian Archives of Microbiology and Immunology</i> , 2010, 69, 125-38.	0.3	41
47	In vitro assay of the antimicrobial activity of kephir against bacterial and fungal strains. <i>Anaerobe</i> , 2011, 17, 433-435.	2.1	38
48	Silver Nanocoatings for Reducing the Exogenous Microbial Colonization of Wound Dressings. <i>Materials</i> , 2016, 9, 345.	2.9	38
49	Thioureides of 2-(phenoxyethyl)benzoic acid 4-R substituted: A novel class of anti-parasitic compounds. <i>Parasitology International</i> , 2009, 58, 128-135.	1.3	37
50	Anionic polymers and 10nm Fe <sub>3</sub> O <sub>4</sub> @UA wound dressings support human foetal stem cells normal development and exhibit great antimicrobial properties. <i>International Journal of Pharmaceutics</i> , 2014, 463, 146-154.	5.2	37
51	Keratin-Based Biomaterials for Biomedical Applications. <i>Current Drug Targets</i> , 2014, 15, 518-530.	2.1	37
52	Hybrid Nanomaterial for Stabilizing the Antibiofilm Activity of <i>Eugenia carryophyllata</i> Essential Oil. <i>IEEE Transactions on Nanobioscience</i> , 2012, 11, 360-365.	3.3	36
53	Functionalized magnetite silica thin films fabricated by MAPLE with antibiofilm properties. <i>Biofabrication</i> , 2013, 5, 015007.	7.1	36
54	Silver-titanium dioxide nanocomposites as effective antimicrobial and antibiofilm agents. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	36

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55	Antimicrobial Activity Evaluation on Silver Doped Hydroxyapatite/Polydimethylsiloxane Composite Layer. <i>BioMed Research International</i> , 2015, 2015, 1-13.	1.9	36
56	Fabrication of antimicrobial silver-doped carbon structures by combinatorial pulsed laser deposition. <i>International Journal of Pharmaceutics</i> , 2016, 515, 592-606.	5.2	34
57	Density functional theory molecular modeling, chemical synthesis, and antimicrobial behaviour of selected benzimidazole derivatives. <i>Journal of Molecular Structure</i> , 2017, 1130, 463-471.	3.6	34
58	Nanoparticulate drug-delivery systems for fighting microbial biofilms: from bench to bedside. <i>Future Microbiology</i> , 2020, 15, 679-698.	2.0	34
59	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
60	Fabrication, characterization and in vitro profile based interaction with eukaryotic and prokaryotic cells of alginate-chitosan-silica biocomposite. <i>International Journal of Pharmaceutics</i> , 2013, 441, 555-561.	5.2	32
61	Synthesis, Structural Characterization, Antimicrobial Activity, and In Vitro Biocompatibility of New Unsaturated Carboxylate Complexes with 2,2'-Bipyridine. <i>Molecules</i> , 2018, 23, 157.	3.8	32
62	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.	2.1	31
63	Synthesis, spectral, thermal, magnetic and biological characterization of Co(II), Ni(II), Cu(II) and Zn(II) complexes with a Schiff base bearing a 1,2,4-triazole pharmacophore. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 375-386.	3.6	31
64	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
65	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
66	Antimicrobial Activity of Some New Thiourea Derivatives Derived from 2-(4-Chlorophenoxy)methyl)benzoic Acid. <i>Molecules</i> , 2008, 13, 567-580.	3.8	30
67	Role of <i>Pseudomonas aeruginosa</i> quorum sensing (QS) molecules on the viability and cytokine profile of human mesenchymal stem cells. <i>Virulence</i> , 2014, 5, 303-310.	4.4	30
68	Iron Oxide Magnetic Nanoparticles: Characterization and Toxicity Evaluation by <i>In Vitro</i> and <i>In Vivo</i> Assays. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-10.	2.7	29
69	Antagonistic activities of some <i>Bifidobacterium</i> sp. strains isolated from resident infant gastrointestinal microbiota on Gram-negative enteric pathogens. <i>Anaerobe</i> , 2016, 39, 39-44.	2.1	29
70	Modulation of Quorum Sensing and Biofilms in Less Investigated Gram-Negative ESKAPE Pathogens. <i>Frontiers in Microbiology</i> , 2021, 12, 676510.	3.5	29
71	Identification and phenotypic characterization of the most frequent bacterial etiologies in chronic skin ulcers. <i>Romanian Journal of Morphology and Embryology</i> , 2014, 55, 1401-8.	0.8	29
72	Efficient surface functionalization of wound dressings by a phytoactive nanocoating refractory to <i>Candida albicans</i> biofilm development. <i>Biointerphases</i> , 2013, 8, 12.	1.6	28

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73	Antimicrobial Features of Organic Functionalized Graphene-Oxide with Selected Amines. <i>Materials</i> , 2018, 11, 1704.	2.9	28
74	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
75	Magnetic Properties and Biological Activity Evaluation of Iron Oxide Nanoparticles. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-7.	2.7	27
76	Molecular screening of carbapenemase-producing Gram-negative strains in Romanian intensive care units during a one year survey. <i>Journal of Medical Microbiology</i> , 2014, 63, 1303-1310.	1.8	27
77	Snapshot on carbapenemase-producing <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> in Bucharest hospitals reveals unusual clones and novel genetic surroundings for OXA-23. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1016-1020.	3.0	27
78	Investigation of optical, structural, morphological and antimicrobial properties of carboxymethyl cellulose capped Ag-ZnO nanocomposites prepared by chemical and mechanical methods. <i>Materials Characterization</i> , 2016, 120, 69-81.	4.4	27
79	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
80	Eugenol-Functionalized Magnetite Nanoparticles Modulate Virulence and Persistence in <i>Pseudomonas aeruginosa</i> Clinical Strains. <i>Molecules</i> , 2021, 26, 2189.	3.8	27
81	Antimicrobial and antioxidant activity of the vegetative and reproductive organs of <i>Robinia pseudoacacia</i> . <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 1363-1378.	0.8	26
82	Photocatalytic, Antimicrobial and Biocompatibility Features of Cotton Knit Coated with Fe-N-Doped Titanium Dioxide Nanoparticles. <i>Materials</i> , 2016, 9, 789.	2.9	26
83	Antimicrobial Nanostructured Bioactive Coating Based on Fe <sub>3</sub> O <sub>4</sub> and Patchouli Oil for Wound Dressing. <i>Metals</i> , 2016, 6, 103.	2.3	26
84	Bioactive ZnO Coatings Deposited by MAPLE—An Appropriate Strategy to Produce Efficient Anti-Biofilm Surfaces. <i>Molecules</i> , 2016, 21, 220.	3.8	26
85	Bioactive Wound Dressings for the Management of Chronic Wounds. <i>Current Organic Chemistry</i> , 2016, 21, 53-63.	1.6	26
86	Fabrication of magnetite-based core-shell coated nanoparticles with antibacterial properties. <i>Biofabrication</i> , 2015, 7, 015014.	7.1	25
87	Lipoic Acid Gold Nanoparticles Functionalized with Organic Compounds as Bioactive Materials. <i>Nanomaterials</i> , 2017, 7, 43.	4.1	25
88	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
89	Essential Oils with Microbicidal and Antibiofilm Activity. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 137-151.	1.6	25
90	Thermal behaviour of some novel antimicrobials based on complexes with a Schiff base bearing 1,2,4-triazole pharmacophore. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 1145-1157.	3.6	24

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91	MAPLE fabrication of thin films based on kanamycin functionalized magnetite nanoparticles with anti-pathogenic properties. <i>Applied Surface Science</i> , 2015, 336, 188-195.	6.1	24
92	New 2-Phenylthiazoles as Potential Sortase A Inhibitors: Synthesis, Biological Evaluation and Molecular Docking. <i>Molecules</i> , 2017, 22, 1827.	3.8	24
93	The European Federation of Clinical Chemistry and Laboratory Medicine syllabus for postgraduate education and training for Specialists in Laboratory Medicine: version 5 " 2018. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 1846-1863.	2.3	24
94	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
95	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
96	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
97	Biomedical Applications of Synthetic, Biodegradable Polymers for the Development of Anti-Infective Strategies. <i>Current Medicinal Chemistry</i> , 2014, 21, 3383-3390.	2.4	24
98	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
99	Interaction of New-Developed TiO <sub>2</sub> -Based Photocatalytic Nanoparticles with Pathogenic Microorganisms and Human Dermal and Pulmonary Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2017, 18, 249.	4.1	23
100	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
101	Zinc Oxide Spherical-Shaped Nanostructures: Investigation of Surface Reactivity and Interactions with Microbial and Mammalian Cells. <i>Langmuir</i> , 2018, 34, 13638-13651.	3.5	23
102	Contribution of Essential Oils to the Fight against Microbial Biofilms" A Review. <i>Processes</i> , 2021, 9, 537.	2.8	23
103	Architecture and physiology of microbial biofilms. <i>Roumanian Archives of Microbiology and Immunology</i> , 2010, 69, 95-107.	0.3	23
104	Fabrication, Characterization, and Evaluation of Bionanocomposites Based on Natural Polymers and Antibiotics for Wound Healing Applications. <i>Molecules</i> , 2016, 21, 761.	3.8	22
105	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
106	New N-(oxazolylmethyl)-thiazolidinedione Active against <i>Candida albicans</i> Biofilm: Potential Als Proteins Inhibitors. <i>Molecules</i> , 2018, 23, 2522.	3.8	22
107	Emerging Strategies to Combat $\beta$ -Lactamase Producing ESKAPE Pathogens. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8527.	4.1	22
108	Magnetic core/shell nanoparticle thin films deposited by MAPLE: Investigation by chemical, morphological and in vitro biological assays. <i>Applied Surface Science</i> , 2012, 258, 9250-9255.	6.1	21



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109	New silica nanostructure for the improved delivery of topical antibiotics used in the treatment of staphylococcal cutaneous infections. <i>International Journal of Pharmaceutics</i> , 2014, 463, 170-176.	5.2	21
110	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
111	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
112	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
113	Metallic-Based Micro and Nanostructures with Antimicrobial Activity. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1577-1582.	2.1	21
114	Transition Metal(II) Complexes with Cefotaxime-Derived Schiff Base: Synthesis, Characterization, and Antimicrobial Studies. <i>Bioinorganic Chemistry and Applications</i> , 2014, 2014, 1-17.	4.1	20
115	Mesoporous silica coatings for cephalosporin active release at the bone-implant interface. <i>Applied Surface Science</i> , 2016, 374, 165-171.	6.1	20
116	Antibiotic Resistance and Virulence Phenotypes of Recent Bacterial Strains Isolated from Urinary Tract Infections in Elderly Patients with Prostatic Disease. <i>Pathogens</i> , 2017, 6, 22.	2.8	20
117	Functionalized Antimicrobial Composite Thin Films Printing for Stainless Steel Implant Coatings. <i>Molecules</i> , 2016, 21, 740.	3.8	19
118	Biocompatible cephalosporin-hydroxyapatite-poly(lactic-co-glycolic acid)-coatings fabricated by MAPLE technique for the prevention of bone implant associated infections. <i>Applied Surface Science</i> , 2016, 374, 387-396.	6.1	19
119	Overview of biofilm-related problems in medical devices. , 2017, , 3-23.		19
120	Chemical composition, antimicrobial and antibiofilm efficacy of C. limon and L. angustifolia EOs and of their mixtures against Staphylococcus epidermidis clinical strains. <i>Industrial Crops and Products</i> , 2018, 122, 483-492.	5.2	19
121	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
122	New Substituted Benzoylthiourea Derivatives: From Design to Antimicrobial Applications. <i>Molecules</i> , 2020, 25, 1478.	3.8	19
123	Periodontitis and Periodontal Disease - Innovative Strategies for Reversing the Chronic Infectious and Inflammatory Condition by Natural Products. <i>Current Pharmaceutical Design</i> , 2015, 22, 230-237.	1.9	19
124	Screening of Molecular Virulence Markers in Staphylococcus aureus and Pseudomonas aeruginosa Strains Isolated from Clinical Infections. <i>International Journal of Molecular Sciences</i> , 2010, 11, 5273-5291.	4.1	18
125	In vitro evaluation of anti-pathogenic surface coating nanofluid, obtained by combining Fe <sub>3</sub> O <sub>4</sub> /C12 nanostructures and 2-((4-ethylphenoxy)methyl)-N-(substituted-phenylcarbamothioyl)-benzamides. <i>Nanoscale Research Letters</i> , 2012, 7, 513.	5.7	18
126	Synthesis and antimicrobial screening of N-(1-methyl-1H-pyrazole-4-carbonyl)-thiourea derivatives. <i>Medicinal Chemistry Research</i> , 2012, 21, 308-314.	2.4	18



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127	Thermal stability of new biologic active copper(II) complexes with 5,6-dimethylbenzimidazole. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 1369-1377.	3.6	18
128	Additive-free 1,4-butanediol mediated synthesis: a suitable route to obtain nanostructured, mesoporous spherical zinc oxide materials with multifunctional properties. <i>RSC Advances</i> , 2015, 5, 99976-99989.	3.6	18
129	Thin coatings based on ZnO@C18-usnic acid nanoparticles prepared by MAPLE inhibit the development of <i>Salmonella enterica</i> early biofilm growth. <i>Applied Surface Science</i> , 2016, 374, 318-325.	6.1	18
130	Thermal behaviour of some biologically active species based on complexes with a triazolopyrimidine pharmacophore. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 685-696.	3.6	18
131	Thermal behaviour of some novel biologically active complexes with a triazolopyrimidine pharmacophore. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 697-708.	3.6	18
132	Laser deposition of poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) " lysozyme microspheres based coatings with anti-microbial properties. <i>International Journal of Pharmaceutics</i> , 2017, 521, 184-195.	5.2	18
133	Copper(II) Complexes with Mixed Heterocycle Ligands as Promising Antibacterial and Antitumor Species. <i>Molecules</i> , 2020, 25, 3777.	3.8	18
134	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
135	Biomedical Applications of Natural Polymers for Drug Delivery. <i>Current Organic Chemistry</i> , 2014, 18, 152-164.	1.6	18
136	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
137	Point-of-Care Testing "The Key in the Battle against SARS-CoV-2 Pandemic. <i>Micromachines</i> , 2021, 12, 1464.	2.9	18
138	Copper(II) complexes with N,N-dimethylbiguanide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 239-243.	3.6	17
139	Synthesis and bioevaluation of some new isoniazid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5355-5361.	3.0	17
140	Biocompatible Magnetic Hollow Silica Microspheres for Drug Delivery. <i>Current Organic Chemistry</i> , 2013, 17, 1029-1033.	1.6	17
141	Influence of Thermal Treatment on the Antimicrobial Activity of Silver-Doped Biological Apatite. <i>Nanoscale Research Letters</i> , 2015, 10, 502.	5.7	17
142	Enamel Based Composite Layers Deposited on Titanium Substrate with Antifungal Activity. <i>Journal of Spectroscopy</i> , 2016, 2016, 1-13.	1.3	17
143	Lipoic acid functionalized SiO <sub>2</sub> @Ag nanoparticles. Synthesis, characterization and evaluation of biological activity. <i>Materials Science and Engineering C</i> , 2017, 79, 499-506.	7.3	17
144	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

#	ARTICLE	IF	CITATIONS
145	Microbiome, Immunosenescence, and Chronic Kidney Disease. <i>Frontiers in Medicine</i> , 2021, 8, 661203.	2.6	17
146	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
147	Metal Complexes—A Promising Approach to Target Biofilm Associated Infections. <i>Molecules</i> , 2022, 27, 758.	3.8	17
148	Thermal behaviour of new biological active cadmium mixed ligands complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 97, 781-785.	3.6	16
149	Investigation of Th1/Th2 cytokine profiles in patients with laryngo-pharyngeal, HPV-positive cancers. <i>European Archives of Oto-Rhino-Laryngology</i> , 2013, 270, 711-718.	1.6	16
150	Thermal behaviour and characterisation of new biologically active Cu(II) complexes with benzimidazole as main ligand. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 1119-1133.	3.6	16
151	Innovative Self-Cleaning and Biocompatible Polyester Textiles Nano-Decorated with Fe—N-Doped Titanium Dioxide. <i>Nanomaterials</i> , 2016, 6, 214.	4.1	16
152	Soft chemistry routes for the preparation of Ag-CoFe <sub>2</sub> O <sub>4</sub> nanocomposites. <i>Ceramics International</i> , 2017, 43, 3284-3291.	4.8	16
153	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
154	Alternative strategies for fighting multidrug resistant bacterial infections. <i>Biointerface Research in Applied Chemistry</i> , 2019, 9, 3834-3841.	1.0	16
155	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
156	Novel Hybrid Formulations Based on Thiourea Derivatives and Core@Shell Fe <sub>3</sub> O <sub>4</sub> @C18 Nanostructures for the Development of Antifungal Strategies. <i>Nanomaterials</i> , 2018, 8, 47.	4.1	15
157	Pulsed Laser Deposited Biocompatible Lithium-Doped Hydroxyapatite Coatings with Antimicrobial Activity. <i>Coatings</i> , 2019, 9, 54.	2.6	15
158	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
159	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
160	Microbiota signatures in type-2 diabetic patients with chronic kidney disease - A Pilot Study. <i>Journal of Mind and Medical Sciences</i> , 0, , 130-136.	0.4	15
161	Synthesis and antimicrobial properties of new 2-((4-ethylphenoxy)methyl)benzoylthioureas. <i>Chemical Papers</i> , 2011, 65, .	2.2	14
162	Efficient transmission of IncFIY and IncL plasmids and <i>Klebsiella pneumoniae</i> ST101 clone producing OXA-48, NDM-1 or OXA-181 in Bucharest hospitals. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 223-224.	2.5	14

#	ARTICLE	IF	CITATIONS
163	Development and Sequential Analysis of a New Multi-Agent, Anti-Acne Formulation Based on Plant-Derived Antimicrobial and Anti-Inflammatory Compounds. <i>International Journal of Molecular Sciences</i> , 2017, 18, 175.	4.1	14
164	Preparations of Silver/Montmorillonite Biocomposite Multilayers and Their Antifungal Activity. <i>Coatings</i> , 2019, 9, 817.	2.6	14
165	In Vitro Evaluation of the Antimicrobial and Immunomodulatory Activity of Culinary Herb Essential Oils as Potential Periosteotics. <i>Antibiotics</i> , 2020, 9, 428.	3.7	14
166	Laser-Irradiated Chlorpromazine as a Potent Anti-Biofilm Agent for Coating of Biomedical Devices. <i>Coatings</i> , 2020, 10, 1230.	2.6	14
167	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
168	Multifunctional Hydroxyapatite Coated with <i>Artemisia absinthium</i> Composites. <i>Molecules</i> , 2020, 25, 413.	3.8	14
169	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
170	Anti-pathogenic Strategies for Fighting <i>Pseudomonas aeruginosa</i> Infections- probiotic Soluble Compounds as Inhibitors of Quorum Sensing Genes Expression. <i>Current Organic Chemistry</i> , 2013, 17, 155-161.	1.6	14
171	Insights on Metal Based Dental Implants and their Interaction with the Surrounding Tissues. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1614-1621.	2.1	14
172	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
173	Gut Dysbiosis and <i>Clostridioides difficile</i> Infection in Neonates and Adults. <i>Frontiers in Microbiology</i> , 2021, 12, 651081.	3.5	14
174	Advances in the Rapid Diagnostic of Viral Respiratory Tract Infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 807253.	3.9	14
175	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.	0.3	14
176	Thermal study on complexes with Schiff base derived from 1,2,4-triazole as potential antimicrobial agents. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1725-1730.	3.6	13
177	Caprolactam-silica network, a strong potentiator of the antimicrobial activity of kanamycin against Gram-positive and Gram-negative bacterial strains. <i>International Journal of Pharmaceutics</i> , 2013, 446, 63-69.	5.2	13
178	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
179	Spectral, thermal and biological characterization of complexes with a Schiff base bearing triazole moiety as potential antimicrobial species. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 1839-1850.	3.6	13
180	An enzyme-free hydrogen peroxide sensor for evaluation of probiotic potential of <i>Enterococcus faecium</i> . <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 298-304.	7.8	13

#	ARTICLE	IF	CITATIONS
181	Antibiotic resistance profiles in cultivable microbiota isolated from some romanian natural fishery lakes included in Natura 2000 network. BMC Veterinary Research, 2021, 17, 52.	1.9	13
182	New metal(II) complexes with ceftazidime Schiff base. Journal of Thermal Analysis and Calorimetry, 2018, 131, 2073-2085.	3.6	13
183	Novel hydrogels based on collagen and ZnO nanoparticles with antibacterial activity for improved wound dressings. Romanian Biotechnological Letters, 2019, 24, 317-323.	0.5	13
184	Interaction of bacteria isolated from clinical biofilms with cardiovascular prosthetic devices and eukaryotic cells. Anaerobe, 2011, 17, 419-421.	2.1	12
185	Synthesis, spectral and thermal study on new Fe(III) complexes with N,N-dimethylbiguanide as antibacterial agents. Journal of Thermal Analysis and Calorimetry, 2013, 111, 1743-1751.	3.6	12
186	Bioevaluation of Novel Anti-Biofilm Coatings Based on PVP/Fe <sub>3</sub> O <sub>4</sub> Nanostructures and 2-((4-Ethylphenoxy)methyl)-N-(arylcabamothioyl)benzamides. Molecules, 2014, 19, 12011-12030.	3.8	12
187	Carvone functionalized iron oxide nanostructures thin films prepared by MAPLE for improved resistance to microbial colonization. Journal of Sol-Gel Science and Technology, 2015, 73, 605-611.	2.4	12
188	Silver nanoparticles embedded into silica functionalized with vitamins as biological active materials. Ceramics International, 2015, 41, 4460-4467.	4.8	12
189	Antibiotic Drug Delivery Systems for the Intracellular Targeting of Bacterial Pathogens. , 0, , .		12
190	Thermal behavior of new nickel(II) complexes with unsaturated carboxylates and heterocyclic N-donor ligands. Journal of Thermal Analysis and Calorimetry, 2017, 127, 731-741.	3.6	12
191	Comparative evaluation of aggressiveness traits in staphylococcal strains from severe infections versus nasopharyngeal carriage. Microbial Pathogenesis, 2017, 102, 45-53.	2.9	12
192	Development and Biocompatibility Evaluation of Photocatalytic TiO <sub>2</sub> /Reduced Graphene Oxide-Based Nanoparticles Designed for Self-Cleaning Purposes. Nanomaterials, 2017, 7, 279.	4.1	12
193	Gradient multifunctional biopolymer thin film assemblies synthesized by combinatorial MAPLE. Applied Surface Science, 2019, 466, 628-636.	6.1	12
194	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, .	2.4	12
195	Chemical Composition, Antipathogenic and Cytotoxic Activity of the Essential Oil Extracted from <i>Amorpha fruticosa</i> Fruits. Molecules, 2021, 26, 3146.	3.8	12
196	The Impact of Long-Term Antibiotic Therapy of Cutaneous Adverse Reactions to EGFR Inhibitors in Colorectal Cancer Patients. Journal of Clinical Medicine, 2021, 10, 3219.	2.4	12
197	Valorization of <i>Gleditsia triacanthos</i> Invasive Plant Cellulose Microfibers and Phenolic Compounds for Obtaining Multi-Functional Wound Dressings with Antimicrobial and Antioxidant Properties. International Journal of Molecular Sciences, 2021, 22, 33.	4.1	12
198	In vitro study of the inhibitory activity of usnic acid on dental plaque biofilm. Roumanian Archives of Microbiology and Immunology, 2009, 68, 215-22.	0.3	12

#	ARTICLE	IF	CITATIONS
199	Microbiome, Mycobiome and Related Metabolites Alterations in Patients with Metabolic Syndrome – A Pilot Study. <i>Metabolites</i> , 2022, 12, 218.	2.9	12
200	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.	4.1	11
201	Chemical and biological studies of <i>Ribes nigrum</i> L. buds essential oil. <i>BioFactors</i> , 2008, 34, 3-12.	5.4	11
202	New complexes of Ni(II) and Cu(II) with Schiff bases functionalised with 1,3,4-thiadiazole: spectral, magnetic, biological and thermal characterisation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 97, 721-727.	3.6	11
203	MAPLE fabricated magnetite@ <i>Melissa officinalis</i> and poly lactic acid: chitosan coated surfaces with anti-staphylococcal properties. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 612-619.	2.4	11
204	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
205	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
206	Thermal behavior of some N,N-dimethylbiguanide derivatives displaying antimicrobial activity. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 88, 323-327.	3.6	10
207	Optimized Anti-pathogenic Agents Based on Core/Shell Nanostructures and 2-((4-Ethylphenoxy)ethyl)-N-(substituted-phenylcarbamothioyl)-benzamides. <i>International Journal of Molecular Sciences</i> , 2012, 13, 12584-12597.	4.1	10
208	Editorial (Thematic Issue: Prevention of Microbial Biofilms - The Contribution of Micro and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	2.4	10
209	Thermal, spectral, magnetic and biologic characterization of new Ni(II), Cu(II) and Zn(II) complexes with a hexaazamacrocyclic ligand bearing ketopyridine moieties. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 1183-1193.	3.6	10
210	Fabrication and characterization of functionalized surfaces with 3-amino propyltrimethoxysilane films for anti-infective therapy applications. <i>Applied Surface Science</i> , 2015, 336, 401-406.	6.1	10
211	Structural and Antimicrobial Evaluation of Silver Doped Hydroxyapatite-Polydimethylsiloxane Thin Layers. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-9.	2.7	10
212	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
213	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
214	Hybrid nanocarriers based on PLGA-vegetable oil: A novel approach for high lipophilic drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 162-172.	3.0	10
215	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
216	Present and Future Perspectives on Therapeutic Options for Carbapenemase-Producing Enterobacterales Infections. <i>Microorganisms</i> , 2021, 9, 730.	3.6	10

#	ARTICLE	IF	CITATIONS
217	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
218	Quorum Sensing Inhibitors from the Sea: Lessons from Marine Symbiotic Relationships. <i>Current Organic Chemistry</i> , 2014, 18, 823-839.	1.6	10
219	Original Contributions to the Chemical Composition, Microbicidal, Virulence-Arresting and Antibiotic-Enhancing Activity of Essential Oils from Four Coniferous Species. <i>Pharmaceuticals</i> , 2021, 14, 1159.	3.8	10
220	Quantitative real-time PCR study of the influence of probiotic culture soluble fraction on the expression of <i>Pseudomonas aeruginosa</i> quorum sensing genes. <i>Roumanian Archives of Microbiology and Immunology</i> , 2010, 69, 213-23.	0.3	10
221	Thermal, spectral and antimicrobial study on some Cu(II) complexes with ligands bearing biguanide moieties. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 815-821.	3.6	9
222	Synthesis and microbiological evaluation of several benzocaine derivatives. <i>Comptes Rendus Chimie</i> , 2013, 16, 665-671.	0.5	9
223	Carboxymethyl-cellulose/Fe <sub>3</sub> O <sub>4</sub> nanostructures for antimicrobial substances delivery. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 1639-1646.	0.6	9
224	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
225	Biocompatible hybrid silica nanobiocomposites for the efficient delivery of anti-staphylococcal drugs. <i>International Journal of Pharmaceutics</i> , 2016, 510, 532-542.	5.2	9
226	Density functional theory molecular modeling and antimicrobial behaviour of selected 1,2,3,4,5,6,7,8-octahydroacridine-N(10)-oxides. <i>Journal of Molecular Structure</i> , 2017, 1144, 14-23.	3.6	9
227	Synthesis, Physico-chemical Characterization, Crystal Structure and Influence on Microbial and Tumor Cells of Some Co(II) Complexes with 5,7-Dimethyl-1,2,4-triazolo[1,5-a]pyrimidine. <i>Molecules</i> , 2017, 22, 1233.	3.8	9
228	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
229	SARS-CoV-2: From Structure to Pathology, Host Immune Response and Therapeutic Management. <i>Microorganisms</i> , 2020, 8, 1468.	3.6	9
230	Magnetic Nanoparticles for Controlling in vitro Fungal Biofilms. <i>Current Organic Chemistry</i> , 2013, 17, 1023-1028.	1.6	9
231	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
232	Carriage of ESBL-producing Enterobacterales in wastewater treatment plant workers and surrounding residents – the AWARE Study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, , 1.	2.9	9
233	Thermal, spectral, electrochemical and biologic characterization of new Pd(II) complexes with ligands bearing biguanide moieties. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1753-1761.	3.6	8
234	Experimental approach for bacteriophage susceptibility testing of planktonic and sessile bacterial populations – Study protocol. <i>Germs</i> , 2014, 4, 92-96.	1.3	8



#	ARTICLE	IF	CITATIONS
235	Nanoarchitectonics Used in Antiinfective Therapy. , 2016, , 145-166.		8
236	Norfloxacin delivery systems based on MCM-type silica carriers designed for the treatment of severe infections. Materials Chemistry and Physics, 2019, 238, 121886.	4.0	8
237	Thermal, spectral and biological characterisation of copper(II) complexes with isoniazid-based hydrazones. Journal of Thermal Analysis and Calorimetry, 2019, 136, 1977-1987.	3.6	8
238	Synthesis and Characterization of New Fluoro/Trifluoromethyl-Substituted Acylthiourea Derivatives with Promising Activity against Planktonic and Biofilm-Embedded Microbial Cells. Processes, 2020, 8, 503.	2.8	8
239	Fabrication of Novel Chitosanâ€“Hydroxyapatite Nanostructured Thin Films for Biomedical Applications. Coatings, 2021, 11, 1561.	2.6	8
240	Design, Characterization, and Antibacterial Performance of MAPLE-Deposited Coatings of Magnesium Phosphate-Containing Silver Nanoparticles in Biocompatible Concentrations. International Journal of Molecular Sciences, 2022, 23, 7910.	4.1	8
241	Synthesis, characterisation and thermal behaviour of some thiosulfato-and sulfato copper(II) complexes. Journal of Thermal Analysis and Calorimetry, 2008, 92, 245-251.	3.6	7
242	Antimicrobial performance of nanostructured silicaâ€“titania sieves loaded with izohidrafural against microbial strains isolated from urinary tract infections. Comptes Rendus Chimie, 2017, 20, 475-483.	0.5	7
243	Thermal behaviour of some biological active perchlorate complexes with a triazolopyrimidine derivative. Journal of Thermal Analysis and Calorimetry, 2018, 134, 665-677.	3.6	7
244	Contribution of Antimicrobial Peptides to the Development of New and Efficient Antimicrobial Strategies. Current Proteomics, 2014, 11, 98-107.	0.3	7
245	ANTI-BIOFILM ACTIVITY EVALUATION AND MOLECULAR DOCKING STUDY OF SOME 2(3-PYRIDYL)-THIAZOLYL-1,3,4-OXADIAZOLINES. Farmacia, 2018, 66, 627-634.	0.4	7
246	Biocompatible hydrodispersible magnetite nanoparticles used as antibiotic drug carriers. Romanian Journal of Morphology and Embryology, 2015, 56, 365-70.	0.8	7
247	International Travel as a Risk Factor for Carriage of Extended-Spectrum $\beta$ -Lactamase-Producing Escherichia coli in a Large Sample of European Individualsâ€“The AWARE Study. International Journal of Environmental Research and Public Health, 2022, 19, 4758.	2.6	7
248	Mechanisms of Ceftazidime and Ciprofloxacin Transport through Porins in Multidrug-Resistance Developed by Extended-Spectrum Beta-Lactamase E.coli Strains. Journal of Fluorescence, 2011, 21, 1421-1429.	2.5	6
249	Investigation of thermal stability, spectral, magnetic, and antimicrobial behavior for new complexes of Ni(II), Cu(II), and Zn(II) with a bismacrocyclic ligand. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1287-1295.	3.6	6
250	Antibacterial Activity Evaluation of Silver Nanoparticles Entrapped in Silica Matrix Functionalized with Antibiotics. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 869-878.	3.7	6
251	Natural Compounds for Wound Healing. , 0, , .		6
252	Multifunctional Silver Nanoparticles-Decorated Silica Functionalized with Retinoic Acid with Anti-Proliferative and Antimicrobial Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2016, 26, 1043-1052.	3.7	6



#	ARTICLE	IF	CITATIONS
253	Bacteriophage-driven inhibition of biofilm formation in <i>Staphylococcus</i> strains from patients attending a Romanian reference center for infectious diseases. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw193.	1.8	6
254	Spectral, magnetic, thermal and biological studies on Ca(II) and Cu(II) complexes with a novel crowned Schiff base. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 1511-1521.	3.6	6
255	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
256	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
257	Successful Release of Voriconazole and Flavonoids from MAPLE Deposited Bioactive Surfaces. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 786.	2.5	6
258	Resistance and Virulence Features of <i>Bacteroides</i> spp. Isolated from Abdominal Infections in Romanian Patients. <i>Pathogens</i> , 2020, 9, 940.	2.8	6
259	Anti-biofilm Fe <sub>3</sub> O <sub>4</sub> @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
260	Rapid Detection and Antibiotic Susceptibility of Uropathogenic <i>Escherichia coli</i> by Flow Cytometry. <i>Microorganisms</i> , 2020, 8, 1233.	3.6	6
261	New O-Aryl-Carbamoyl-Oxymino-Fluorene Derivatives with MI-Crobicidal and Antibiofilm Activity Enhanced by Combination with Iron Oxide Nanoparticles. <i>Molecules</i> , 2021, 26, 3002.	3.8	6
262	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
263	Antitumor Activity of Magnetite Nanoparticles: Influence of Hydrocarbonated Chain of Saturated Aliphatic Monocarboxylic Acids. <i>Current Organic Chemistry</i> , 2013, 17, 831-840.	1.6	6
264	Nanostructured Bioactive Polymers Used in Food-Packaging. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 121-127.	1.6	6
265	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
266	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
267	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
268	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
269	Thermal behaviour of new Ni(II) and Cu(II) complexes with macrocyclic ligands functionalised with 1,2,4-triazole. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 97, 315-321.	3.6	5
270	Thermal behaviour of some new complexes with bismacrocyclic ligands as potential biological active species. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 571-575.	3.6	5

#	ARTICLE	IF	CITATIONS
271	Influence of hybrid inorganic/organic mesoporous and nanostructured materials on the cephalosporinsâ€™ efficacy on different bacterial strains. IET Nanobiotechnology, 2012, 6, 156-161.	3.8	5
272	Soft tissue engineering and microbial infections. , 2016, , 1-29.		5
273	Biocompatible 3D Matrix with Antimicrobial Properties. Molecules, 2016, 21, 115.	3.8	5
274	First report of OXA-72 producing Acinetobacter baumannii in Romania. New Microbes and New Infections, 2016, 13, 87-88.	1.6	5
275	Preparation and characterization of undoped and cobalt doped ZnO for antimicrobial use. International Journal of Pharmaceutics, 2016, 510, 430-438.	5.2	5
276	Essential Oils and Nanoparticles. , 2017, , 279-291.		5
277	Preparation and Antimicrobial Activity of Inorganic Nanoparticles. , 2017, , 325-340.		5
278	Isoflavonoid-Antibiotic Thin Films Fabricated by MAPLE with Improved Resistance to Microbial Colonization. Molecules, 2021, 26, 3634.	3.8	5
279	Insight on Ni(II) and Cu(II) complexes of biguanide derivatives developed as effective antimicrobial and antitumour agents. Applied Organometallic Chemistry, 2021, 35, e6155.	3.5	5
280	Current Solutions for the Interception of Quorum Sensing in Staphylococcus aureus. Current Organic Chemistry, 2013, 17, 97-104.	1.6	5
281	Pseudomonas aeruginosa -Eukaryotic Cell Crosstalk: Mediators, Mechanisms and Implications for the Antimicrobial Therapy. Current Organic Chemistry, 2013, 17, 149-154.	1.6	5
282	Class I and II Bacteriocins: Structure, Biosynthesis and Drug Delivery Systems for the Improvement of their Antimicrobial Activity. Current Proteomics, 2014, 11, 121-127.	0.3	5
283	Copper(II) species with 1â€œ<i>o</i></i>â€œtoly)biguanide: Structural characterization, ROS scavenging, antibacterial activity, biocompatibility and in silico studies. Applied Organometallic Chemistry, 2022, 36, e6471.	3.5	5
284	Composite Drug Delivery System Based on Amorphous Calcium Phosphateâ€œChitosan: An Efficient Antimicrobial Platform for Extended Release of Tetracycline. Pharmaceutics, 2021, 13, 1659.	4.5	5
285	Thermal behaviour of some new complexes with decaaza bismacrocylic ligand as potential antimicrobial species. Journal of Thermal Analysis and Calorimetry, 2012, 110, 235-241.	3.6	4
286	Studies on thermal, spectral, magnetic and biological properties of new Ni(II), Cu(II) and Zn(II) complexes with a bismacrocylic ligand bearing an aromatic linker. Journal of Thermal Analysis and Calorimetry, 2014, 115, 2179-2189.	3.6	4
287	Nanostructured mesoporous silica: new perspectives for fighting antimicrobial resistance. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	4
288	Advances in molecular biology based assays for the rapid detection of food microbial contaminants. , 2017, , 645-669.		4

#	ARTICLE	IF	CITATIONS
289	Applications of nanoscale drugs carriers in the treatment of chronic diseases. , 2017, , 37-55.		4
290	Quantum dots for bioimaging and therapeutic applications. , 2017, , 497-515.		4
291	Synthesis, thermal, spectral, antimicrobial and cytotoxicity profile of the Schiff bases bearing pyrazolone moiety and their Cu(II) complexes. Journal of Thermal Analysis and Calorimetry, 2018, 134, 1851-1861.	3.6	4
292	Fluorescent coumarin-modified mesoporous SBA-15 nanocomposite: Physico-chemical characterization and interaction with prokaryotic and eukaryotic cells. Microporous and Mesoporous Materials, 2019, 288, 109583.	4.4	4
293	Synthesis, physico-chemical characterization and bioevaluation of Ni(II), Pd(II), and Pt(II) complexes with 1- <i>o</i> -tolylbiguanide: Antimicrobial and antitumor studies. Applied Organometallic Chemistry, 2020, 34, e5807.	3.5	4
294	Sintered and 3D-Printed Bulks of MgB <sub>2</sub> -Based Materials with Antimicrobial Properties. Molecules, 2021, 26, 6045.	3.8	4
295	Soft Chemistry Synthesis and Characterization of CoFe <sub>1.8</sub> RE <sub>0.2</sub> O <sub>4</sub> (RE <sup>3+</sup> = Tb <sup>3+</sup> , Er <sup>3+</sup> ) Ferrite. Magnetochemistry, 2022, 8, 12.	2.4	4
296	The inhibitory activity of pomelo essential oil on the bacterial biofilms development on soft contact lenses. Roumanian Archives of Microbiology and Immunology, 2010, 69, 145-52.	0.3	4
297	Inter-Species Rescue of Mutant Phenotype—The Standard for Genetic Analysis of Human Genetic Disorders in Drosophila melanogaster Model. International Journal of Molecular Sciences, 2022, 23, 2613.	4.1	4
298	In Silico and Experimental Investigation of the Biological Potential of Some Recently Developed Carprofen Derivatives. Molecules, 2022, 27, 2722.	3.8	4
299	In Silico and In Vitro Assessment of Antimicrobial and Antibiofilm Activity of Some 1,3-Oxazole-Based Compounds and Their Isosteric Analogues. Applied Sciences (Switzerland), 2022, 12, 5571.	2.5	4
300	EFFECTS OF IONIZING RADIATION ON THE ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF SEA BUCKTHORN OIL. Acta Horticulturae, 2009, , 255-260.	0.2	3
301	Nanotechnology for personalized medicine: cancer research, diagnosis, and therapy. , 2017, , 1-21.		3
302	Microbial biofilms from the aquatic ecosystems and water quality. , 2017, , 621-642.		3
303	Multi-Level Evaluation of UV Action upon Vitamin D Enhanced, Silver Doped Hydroxyapatite Thin Films Deposited on Titanium Substrate. Coatings, 2021, 11, 120.	2.6	3
304	Synthesis, In Silico and In Vitro Evaluation of Antimicrobial and Toxicity Features of New 4-[(4-Chlorophenyl)sulfonyl]benzoic Acid Derivatives. Molecules, 2021, 26, 5107.	3.8	3
305	Antimicrobial Activity of MgB <sub>2</sub> Powders Produced via Reactive Liquid Infiltration Method. Molecules, 2021, 26, 4966.	3.8	3
306	Antimicrobial Potential of Benzamides and Derived Nanosystems for Controlling in vitro Biofilm Development on Medical Devices. Current Organic Chemistry, 2013, 17, 162-175.	1.6	3

#	ARTICLE	IF	CITATIONS
307	Nanostructured Approaches for the Targeted Delivery of Antibiotics in Difficult Infections. <i>Current Organic Chemistry</i> , 2016, 21, 45-52.	1.6	3
308	Design, Synthesis and Biopharmacological Profile Evaluation of New 2-((4- Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (Chlorophenoxy Current Organic Chemistry, 2019, 23, 1365-1377.	1.6	3
309	Phenotypic and Genetic Evaluation of the Influence of <i>Pseudomonas aeruginosa</i> Culture Fractions on the Human Mesenchymal Stem Cells Viability, Apoptotic Pathways and Cytokine Profile. <i>Current Stem Cell Research and Therapy</i> , 2016, 12, 175-180.	1.3	3
310	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
311	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
312	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
313	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
314	Influence of age on sperm parameters in men with suspected infertility. <i>Romanian Biotechnological Letters</i> , 2019, 24, 82-90.	0.5	3
315	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
316	Contribution of Epithelial and Gut Microbiome Inflammatory Biomarkers to the Improvement of Colorectal Cancer Patients's™ Stratification. <i>Frontiers in Oncology</i> , 2021, 11, 811486.	2.8	3
317	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
318	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
319	Significance of serum antibodies against HSP 60 and HSP 70 for the diagnostic of infectious diseases. <i>Virulence</i> , 2014, 5, 828-831.	4.4	2
320	Iron oxide nanomaterials for functional imaging. , 2016, , 279-301.		2
321	Optimized silicon reinforcement of carbon coatings by pulsed laser technique for superior functional biomedical surfaces fabrication. <i>Biofabrication</i> , 2017, 9, 025029.	7.1	2
322	Introduction in Food Safety, Biosecurity and Hazard Control. , 2018, , 1-24.		2
323	Aminopropyl-silica functionalized with halogen-reactive compounds for antimicrobial applications. <i>Materials Chemistry and Physics</i> , 2020, 241, 122353.	4.0	2
324	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

#	ARTICLE	IF	CITATIONS
325	Microbial Resistance to Natural Compounds: Challenges for Developing Novel Alternatives to Antibiotics. <i>Current Organic Chemistry</i> , 2016, 20, 2983-2988.	1.6	2
326	Recognition and Impact of Host-derived Molecules on Bacterial Cell-to-cell Signalling Pathways. <i>Medicinal Chemistry</i> , 2015, 11, 610-617.	1.5	2
327	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
328	Virulence and pathogenicity aspects in <i>Candida albicans</i> infections. <i>Reviews in Biological and Biomedical Sciences</i> , 0, , 11-16.	0.1	2
329	ANTIMICROBIAL ASSAY OF A CAPSAICIN $\beta$ -CYCLODEXTRIN INCLUSION COMPLEX AGAINST PLANKTONIC AND ADHERENT CELLS. <i>Farmacia</i> , 2019, 67, 496-503.	0.4	2
330	PLGA-GENTAMICIN BIOCOMPOSITE MATERIALS WITH POTENTIAL ANTIMICROBIAL APPLICATIONS IN ORTHOPEDICS. <i>Farmacia</i> , 2019, 67, 580-586.	0.4	2
331	Benign by design: porous spherical ZnO-alginate family via a dual-template synthesis. <i>Applied Surface Science</i> , 2022, 580, 152231.	6.1	2
332	Insight on thermal, spectral, magnetic and biological behaviour of new Ni(II), Cu(II) and Zn(II) complexes with a pentaazamacrocyclic ligand derived from nicotinamide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 1159-1168.	3.6	1
333	Editorial (Thematic Issue: Micro and Nanoscale Materials for Boosting the Antimicrobial Fight). <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1551-1551.	2.1	1
334	Phenotypic and genotypic assessment of <i>Lactobacillus plantarum</i> influence on <i>Candida albicans</i> fluconazole resistance. <i>Annals of Microbiology</i> , 2016, 66, 817-823.	2.6	1
335	Insight on thermal behaviour of new complexes of Ni(II), Cu(II) and Zn(II) with a bismacrocyclic ligand developed as biologically active species. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 487-497.	3.6	1
336	Beta-lactam and quinolone resistance markers in uropathogenic strains isolated from renal transplant recipients. <i>Romanian Journal of Laboratory Medicine</i> , 2017, 25, 365-373.	0.2	1
337	Seasonal monitoring of microbiological air contamination from a museum - a case study. <i>MATEC Web of Conferences</i> , 2017, 121, 11017.	0.2	1
338	Microbiological and Chemical Characterization of Bottled Waters. , 2019, , 209-226.		1
339	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
340	Current Promising Antibiotics and Future Approaches in Combating Carbapenemase-Producing Enterobacteriaceae. <i>Proceedings (mdpi)</i> , 2020, 66, 25.	0.2	1
341	<i>Bifidobacterium</i> spp.: A unique etiopathogenic agent for intra-abdominal infections. <i>African Journal of Microbiology Research</i> , 2011, 5, .	0.4	1
342	NOVEL BIOACTIVE AND BIODEGRADABLE MATERIALS FOR MEDICAL APPLICATIONS. <i>Environmental Engineering and Management Journal</i> , 2015, 14, 2703-2711.	0.6	1

#	ARTICLE	IF	CITATIONS
343	N-(1-ADAMANTYLCARBAMOTHIOYL)BENZAMIDES: SYNTHESIS, BIOLOGICAL EVALUATION AND ADME PREDICTIONS. <i>Farmacia</i> , 2018, 66, 963-971.	0.4	1
344	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
345	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
346	Antimicrobial activity of some new of 2-(4-ethyl-phenoxyethyl) benzoic acid thioureides against planktonic cells. <i>Roumanian Archives of Microbiology and Immunology</i> , 2010, 69, 90-4.	0.3	1
347	The modulation of hela cells secretory patterns by invasive <i>Shigella</i> spp. and enteroinvasive <i>E. coli</i> bacterial cells and their soluble components. <i>Roumanian Archives of Microbiology and Immunology</i> , 2010, 69, 139-44.	0.3	1
348	Cytokine profiles of HeLa and human diploid cells induced by different fractions of <i>Vibrio parahaemolyticus</i> cultures exposed to stress conditions. <i>Roumanian Archives of Microbiology and Immunology</i> , 2010, 69, 164-72.	0.3	1
349	Fluorescence analysis of apoptosis induced by <i>Pseudomonas aeruginosa</i> in endothelial cells. <i>Romanian Journal of Morphology and Embryology</i> , 2014, 55, 313-7.	0.8	1
350	Nitrogen and Bromide Co-Doped Hydroxyapatite Thin Films with Antimicrobial Properties. <i>Coatings</i> , 2021, 11, 1505.	2.6	1
351	Antiviral Immunity in SARS-CoV-2 Infection: From Protective to Deleterious Responses. <i>Microorganisms</i> , 2021, 9, 2578.	3.6	1
352	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
353	Thermal study of new biologic active complexes with mixed ligands. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1783-1790.	3.6	0
354	Editorial (Hot Topic: Special Issue on Quorum Sensing Inhibitors: Synthesis, Optimization, and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30</i>	1.6	0
355	Editorial (Thematic Issue: Nanobioactive Structures for Drug Targeting and Delivery). <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1423-1423.	2.1	0
356	Bioactive nanomaterials for cartilage and muscle regeneration. , 2016, , 261-297.		0
357	PLA and PLGA nanoarchitectonics for improving anti-infective drugs efficiency. , 2016, , 451-482.		0
358	Fate of antibiotics during water treatment: impact on antimicrobial resistance in environmental and clinical strains. , 2017, , 391-419.		0
359	Antimicrobial and cytotoxic activity of graphene-based periocuticals. , 2018, , 585-599.		0
360	Antibiotic Incidence, Distribution and Resistance in Wastewaters. <i>Proceedings (mdpi)</i> , 2019, 29, .	0.2	0

#	ARTICLE	IF	CITATIONS
361	Microcalorimetry – Versatile Method of Describing Bacterial Growth. Applied Sciences (Switzerland), 2021, 11, 9740.	2.5	0
362	Extended-spectrum Beta-lactamase Production in Pseudomonas aeruginosa and Acinetobacter baumannii Strains: Epidemiology, Molecular Characterization and Novel Proteomics-based Diagnostic Tools. Current Proteomics, 2014, 11, 108-115.	0.3	0
363	SYNTHESIS AND BIOEVALUATION OF MAGNETIC PARTICLES BASED ON CHITOSAN AND PHYTOCOMPONENTS FROM Eugenia carryophyllata AQUEOUS EXTRACT. Environmental Engineering and Management Journal, 2015, 14, 855-861.	0.6	0
364	Adherence and Biofilm Formation in Candida albicans Strains Isolated from Different Infection Sites in Hospitalized Patients. Revista De Chimie (discontinued), 2018, 68, 2832-2835.	0.4	0
365	Emerging applications of flow cytometry for clinical microbiology. Reviews in Biological and Biomedical Sciences, 2019, 2, 41-46.	0.1	0
366	Synthesis and Antimicrobial Assessment of Some New 2-(Thiazol-5-yl)-1,3,4-oxadiazoles. Revista De Chimie (discontinued), 2019, 70, 1996-1999.	0.4	0
367	The Role of Cytokine in the Diagnosis and Monitoring of Patients with Systemic Infections. Revista De Chimie (discontinued), 2020, 71, 455-463.	0.4	0
368	SEVELAMER CARBONATE MODULATES THE NLRP3 AND NLRP6 INFLAMMASOME EXPRESSION IN PATIENTS WITH DIABETIC NEPHROPATHY. Roumanian Archives of Microbiology and Immunology, 2021, 80, 125-132.	0.3	0
369	In vivo experimental model for the study of the influence of subinhibitory concentrations of phenyllactic acid on Staphylococcus aureus pathogenicity. Roumanian Archives of Microbiology and Immunology, 2009, 68, 34-7.	0.3	0
370	Snapshot of resistance and virulence features in ESCAPE strains frequently isolated from surgical wound infections in a Romanian hospital. Romanian Journal of Laboratory Medicine, 2022, 30, 215-226.	0.2	0
371	First Report on the Phenotypic and Genotypic Susceptibility Profiles to Silver Nitrate in Bacterial Strains Isolated from Infected Leg Ulcers in Romanian Patients. Applied Sciences (Switzerland), 2022, 12, 4801.	2.5	0