Jasmina NikodinoviÄ RuniÄ

List of Publications by Year
in descending order

160 papers	3,553 citations	136740 32 h-index	197535 49 g-index
168 all docs	168 docs citations	168 times ranked	4596 citing authors

#	Article	IF	Citations
1	Up-Cycling of PET (Polyethylene Terephthalate) to the Biodegradable Plastic PHA (Polyhydroxyalkanoate). Environmental Science & Technology, 2008, 42, 7696-7701.	4.6	191
2	Carbon-Rich Wastes as Feedstocks for Biodegradable Polymer (Polyhydroxyalkanoate) Production Using Bacteria. Advances in Applied Microbiology, 2013, 84, 139-200.	1.3	147
3	Properties and applications of undecylprodigiosin and other bacterial prodigiosins. Applied Microbiology and Biotechnology, 2014, 98, 3841-3858.	1.7	138
4	Development of a bioprocess to convert PET derived terephthalic acid and biodiesel derived glycerol to medium chain length polyhydroxyalkanoate. Applied Microbiology and Biotechnology, 2012, 95, 623-633.	1.7	110
5	Conversion of post consumer polyethylene to the biodegradable polymer polyhydroxyalkanoate. Applied Microbiology and Biotechnology, 2014, 98, 4223-4232.	1.7	102
6	High yield preparation of genomic DNA from Streptomyces. BioTechniques, 2003, 35, 932-936.	0.8	80
7	Anti-biofilm Properties of Bacterial Di-Rhamnolipids and Their Semi-Synthetic Amide Derivatives. Frontiers in Microbiology, 2017, 8, 2454.	1.5	73
8	Streptomyces sp. JS520 produces exceptionally high quantities of undecylprodigiosin with antibacterial, antioxidative, and UV-protective properties. Applied Microbiology and Biotechnology, 2012, 96, 1217-1231.	1.7	72
9	Applications of Microbial Laccases: Patent Review of the Past Decade (2009â€“2019). Catalysts, 2019, 9, 1023.	1.6	65
10	Silver(I) complexes with phthalazine and quinazoline as effective agents against pathogenic Pseudomonas aeruginosa strains. Journal of Inorganic Biochemistry, 2016, 155, 115-128.	1.5	59
11	The conversion of BTEX compounds by single and defined mixed cultures to medium-chain-length polyhydroxyalkanoate. Applied Microbiology and Biotechnology, 2008, 80, 665-673.	1.7	58
12	The anti-cancer activity of a cationic anti-microbial peptide derived from monomers of polyhydroxyalkanoate. Biomaterials, 2013, 34, 2710-2718.	5.7	55
13	Progressing Plastics Circularity: A Review of Mechano-Biocatalytic Approaches for Waste Plastic (Re)valorization. Frontiers in Bioengineering and Biotechnology, 2021, 9, 696040.	2.0	53
14	Microbial Production of Violacein and Process Optimization for Dyeing Polyamide Fabrics With Acquired Antimicrobial Properties. Frontiers in Microbiology, 2018, 9, 1495.	1.5	51
15	Polyhydroxyalkanoate-based 3-hydroxyoctanoic acid and its derivatives as a platform of bioactive compounds. Applied Microbiology and Biotechnology, 2016, 100, 161-172.	1.7	50
16	Synthesis of core-shell hematite (Î±-Fe2O3) nanoplates: Quantitative analysis of the particle structure and shape, high coercivity and low cytotoxicity. Applied Surface Science, 2017, 403, 628-634.	3.1	49
17	Recent developments in biocatalysis beyond the laboratory. Biotechnology Letters, 2015, 37, 943-954.	1.1	48
18	Design, synthesis and inÂvivo evaluation of 3-arylcoumarin derivatives of rhenium(I) tricarbonyl complexes as potent antibacterial agents against methicillin-resistant Staphylococcus aureus (MRSA). European Journal of Medicinal Chemistry, 2020, 205, 112533.	2.6	48

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19	Analysis of the Pseudomonas putida CA-3 proteome during growth on styrene under nitrogen-limiting and non-limiting conditions. Microbiology (United Kingdom), 2009, 155, 3348-3361.	0.7	47
20	A new class of platinum(<scp>ii</scp>) complexes with the phosphine ligand pta which show potent anticancer activity. Inorganic Chemistry Frontiers, 2018, 5, 39-53.	3.0	44
21	In vitro evolution of styrene monooxygenase from Pseudomonas putida CA-3 for improved epoxide synthesis. Applied Microbiology and Biotechnology, 2010, 85, 995-1004.	1.7	43
22	Degradation behaviour of PCL/PEO/PCL and PCL/PEO block copolymers under controlled hydrolytic, enzymatic and composting conditions. Polymer Testing, 2017, 57, 67-77.	2.3	43
23	Synthesis and characterization of polyethylene terephthalate (PET) precursors and potential degradation products: Toxicity study and application in discovery of novel PETases. Chemosphere, 2021, 275, 130005.	4.2	42
24	Identification and Characterization of New Laccase Biocatalysts from Pseudomonas Species Suitable for Degradation of Synthetic Textile Dyes. Catalysts, 2019, 9, 629.	1.6	41
25	Identification of novel potent and non-toxic anticancer, anti-angiogenic and antimetastatic rhenium complexes against colorectal carcinoma. European Journal of Medicinal Chemistry, 2020, 204, 112583.	2.6	41
26	Toxic essential oils. Part III: Identification and biological activity of new allylmethoxyphenyl esters from a Chamomile species (Anthemis segetalis Ten.). Food and Chemical Toxicology, 2013, 62, 554-565.	1.8	39
27	Synthesis and Evaluation of Series of Diazine-Bridged Dinuclear Platinum(II) Complexes through in Vitro Toxicity and Molecular Modeling: Correlation between Structure and Activity of Pt(II) Complexes. Journal of Medicinal Chemistry, 2015, 58, 1442-1451.	2.9	39
28	Streptomyces spp. in the biocatalysis toolbox. Applied Microbiology and Biotechnology, 2018, 102, 3513-3536.	1.7	39
29	A comparative antimicrobial and toxicological study of gold(<scp>iii</scp>) and silver(<scp>i</scp>) complexes with aromatic nitrogen-containing heterocycles: synergistic activity and improved selectivity index of Au(<scp>iii</scp>)/Ag(<scp>i</scp>) complexes mixture. RSC Advances, 2016, 6, 13193-13206.	1.7	38
30	Mononuclear silver(I) complexes with 1,7-phenanthroline as potent inhibitors of Candida growth. European Journal of Medicinal Chemistry, 2018, 156, 760-773.	2.6	36
31	Metabolic versatility of Gram-positive microbial isolates from contaminated river sediments. Journal of Hazardous Materials, 2012, 215-216, 243-251.	6.5	34
32	Prevention of polymicrobial biofilms composed ofPseudomonas aeruginosaand pathogenic fungi by essential oils from selected Citrus species. Pathogens and Disease, 2016, 74, ftw102.	0.8	34
33	Synthesis and evaluation of thiophene-based guanylhydrazones (iminoguanidines) efficient against panel of voriconazole-resistant fungal isolates. Bioorganic and Medicinal Chemistry, 2016, 24, 1277-1291.	1.4	34
34	Bacterial dioxygenase- and monooxygenase-catalysed sulfoxidation of benzo[b]thiophenes. Organic and Biomolecular Chemistry, 2012, 10, 782-790.	1.5	33
35	Production of bacterial nanocellulose (BNC) and its application as a solid support in transition metal catalysed cross-coupling reactions. International Journal of Biological Macromolecules, 2019, 129, 351-360.	3.6	33
36	The oxidation of alkylaryl sulfides and benzo[b]thiophenes by Escherichia coli cells expressing wild-type and engineered styrene monooxygenase from Pseudomonas putida CA-3. Applied Microbiology and Biotechnology, 2013, 97, 4849-4858.	1.7	32

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37	Engineering of a bacterial tyrosinase for improved catalytic efficiency towards Dâ€tyrosine using random and site directed mutagenesis approaches. Biotechnology and Bioengineering, 2013, 110, 1849-1857.	1.7	32
38	Biofilm-forming ability and infection potential of Pseudomonas aeruginosa strains isolated from animals and humans. Pathogens and Disease, 2018, 76, .	0.8	32
39	Design, synthesis, antibacterial activity evaluation and molecular modeling studies of new sulfonamides containing a sulfathiazole moiety. New Journal of Chemistry, 2021, 45, 8166-8177.	1.4	30
40	Photoactivatable Surface-Functionalized Diatom Microalgae for Colorectal Cancer Targeted Delivery and Enhanced Cytotoxicity of Anticancer Complexes. Pharmaceutics, 2020, 12, 480.	2.0	28
41	Inhibitory effect of thyme and cinnamon essential oils on Aspergillus flavus: Optimization and activity prediction model development. Industrial Crops and Products, 2015, 65, 7-13.	2.5	27
42	Copper(<scp>ii</scp>) complexes with aromatic nitrogen-containing heterocycles as effective inhibitors of quorum sensing activity in Pseudomonas aeruginosa. RSC Advances, 2016, 6, 86695-86709.	1.7	26
43	Synthesis, cytotoxic activity and DNA-binding properties of copper(II) complexes with terpyridine. Polyhedron, 2018, 139, 313-322.	1.0	26
44	Process analysis of the conversion of styrene to biomass and medium chain length polyhydroxyalkanoate in a twoâ€phase bioreactor. Biotechnology and Bioengineering, 2011, 108, 2447-2455.	1.7	25
45	Selected 4-phenyl hydroxycoumarins: In vitro cytotoxicity, teratogenic effect on zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overloc	1.7	24
46	Isolation and characterization of four novel Gram-positive bacteria associated with the rhizosphere of two endemorelict plants capable of degrading a broad range of aromatic substrates. Applied Microbiology and Biotechnology, 2011, 91, 1227-1238.	1.7	22
47	Medium-chain-length polyhydroxyalkanoate production by newly isolated Pseudomonas sp. TN301 from a wide range of polyaromatic and monoaromatic hydrocarbons. Journal of Applied Microbiology, 2012, 113, 508-520.	1.4	22
48	Highly efficient Michael-type addition of acetaldehyde to Î²-nitrostyrenes by whole resting cells of Escherichia coli expressing 4-oxalocrotonate tautomerase. Bioresource Technology, 2013, 142, 462-468.	4.8	22
49	Mononuclear gold(<scp>iii</scp>) complexes with<scp>l</scp>-histidine-containing dipeptides: tuning the structural and biological properties by variation of the N-terminal amino acid and counter anion. Dalton Transactions, 2017, 46, 2594-2608.	1.6	22
50	Mononuclear gold(III) complexes with phenanthroline ligands as efficient inhibitors of angiogenesis: A comparative study with auranofin and sunitinib. Journal of Inorganic Biochemistry, 2017, 174, 156-168.	1.5	22
51	Copper(II) and Zinc(II) Complexes with the Clinically Used Fluconazole: Comparison of Antifungal Activity and Therapeutic Potential. Pharmaceuticals, 2021, 14, 24.	1.7	22
52	Crude bacterial extracts of two new Streptomyces sp. isolates as bio-colorants for textile dyeing. World Journal of Microbiology and Biotechnology, 2014, 30, 2231-2240.	1.7	21
53	Silver(<scp>i</scp>) complexes with quinazoline and phthalazine: synthesis, structural characterization and evaluation of biological activities. MedChemComm, 2016, 7, 282-291.	3.5	21
54	FadD from Pseudomonas putida CA-3 Is a True Long-Chain Fatty Acyl Coenzyme A Synthetase That Activates Phenylalkanoic and Alkanoic Acids. Journal of Bacteriology, 2009, 191, 7554-7565.	1.0	20

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55	Characterization of melanin-overproducing transposon mutants ofPseudomonas putidaF6. FEMS Microbiology Letters, 2009, 298, 174-183.	0.7	20
56	Biotransformation of 4-halophenols to 4-halocatechols using Escherichia coli expressing 4-hydroxyphenylacetate 3-hydroxylase. Applied Microbiology and Biotechnology, 2011, 89, 1867-1875.	1.7	20
57	A polyesterase from the Antarctic bacterium Moraxella sp. degrades highly crystalline synthetic polymers. Journal of Hazardous Materials, 2022, 434, 128900.	6.5	20
58	Phenol removal from four different natural soil types by Bacillus sp. PS11. Applied Soil Ecology, 2013, 70, 1-8.	2.1	19
59	Potent anti-melanogenic activity and favorable toxicity profile of selected 4-phenyl hydroxycoumarins in the zebrafish model and the computational molecular modeling studies. Bioorganic and Medicinal Chemistry, 2017, 25, 6286-6296.	1.4	19
60	New minor groove covering DNA binding mode of dinuclear Pt(II) complexes with various pyridine-linked bridging ligands and dual anticancer-antiangiogenic activities. Journal of Biological Inorganic Chemistry, 2020, 25, 395-409.	1.1	19
61	Understanding bioplastic materials - current state and trends. Journal of the Serbian Chemical Society, 2020, 85, 1507-1538.	0.4	19
62	High frequency transformation of the Amphotericin-producing bacterium Streptomyces nodosus. Journal of Microbiological Methods, 2003, 55, 273-277.	0.7	18
63	Identification and characterization of an acyl-CoA dehydrogenase from Pseudomonas putida KT2440 that shows preference towards medium to long chain length fatty acids. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	18
64	Structural diversity and possible functional roles of free fatty acids of the novel soil isolate Streptomyces sp. NP10. Applied Microbiology and Biotechnology, 2015, 99, 4815-4833.	1.7	18
65	Biodegradation of poly(Îµ-caprolactone) (PCL) and medium chain length polyhydroxyalkanoate (mcl-PHA) using whole cells and cell free protein preparations of Pseudomonas and Streptomyces strains grown on waste cooking oil. Polymer Degradation and Stability, 2019, 162, 160-168.	2.7	18
66	Development of an efficient biocatalytic system based on bacterial laccase for the oxidation of selected 1,4-dihydropyridines. Enzyme and Microbial Technology, 2020, 132, 109411.	1.6	18
67	Cytotoxic effect of Reseda lutea L.: A case of forgotten remedy. Journal of Ethnopharmacology, 2014, 153, 125-132.	2.0	17
68	Silver(I) complexes with 4,7-phenanthroline efficient in rescuing the zebrafish embryos of lethal Candida albicans infection. Journal of Inorganic Biochemistry, 2019, 195, 149-163.	1.5	17
69	Novel Hydrogel Scaffolds Based on Alginate, Gelatin, 2-Hydroxyethyl Methacrylate, and Hydroxyapatite. Polymers, 2021, 13, 932.	2.0	17
70	Resolution of Methyl Nonactate byRhodococcuserythropolisunder Aerobic and Anaerobic Conditions. Organic Letters, 2006, 8, 443-445.	2.4	16
71	Synthesis, structural characterization and biological evaluation of dinuclear gold(<scp>iii</scp>) complexes with aromatic nitrogen-containing ligands: antimicrobial activity in relation to the complex nuclearity. MedChemComm, 2016, 7, 1356-1366.	3.5	16
72	Synthesis, structural characterization and antimicrobial activity of silver(I) complexes with 1-benzyl-1H-tetrazoles. Polyhedron, 2018, 154, 325-333.	1.0	16

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73	New polynuclear 1,5-naphthyridine-silver(I) complexes as potential antimicrobial agents: The key role of the nature of donor coordinated to the metal center. Journal of Inorganic Biochemistry, 2020, 203, 110872.	1.5	16
74	Dinuclear silver(<scp>i</scp>) complexes with a pyridine-based macrocyclic type of ligand as antimicrobial agents against clinically relevant species: the influence of the counteranion on the structure diversification of the complexes. Dalton Transactions, 2020, 49, 10880-10894.	1.6	16
75	Four Bacillus sp. soil isolates capable of degrading phenol, toluene, biphenyl, naphthalene and other aromatic compounds exhibit different aromatic catabolic potentials. Archives of Biological Sciences, 2011, 63, 1057-1067.	0.2	16
76	Characterization of temperature-sensitive and lipopolysaccharide overproducing transposon mutants ofPseudomonas putidaCA-3 affected in PHA accumulation. FEMS Microbiology Letters, 2009, 292, 297-305.	0.7	15
77	The chain length of biologically produced (R)-3-hydroxyalkanoic acid affects biological activity and structure of anti-cancer peptides. Journal of Biotechnology, 2015, 204, 7-12.	1.9	15
78	The effect of polyphosphate kinase gene deletion on polyhydroxyalkanoate accumulation and carbon metabolism in <scp>P</scp>seudomonas putidaâ€…<scp>KT</scp>2440. Environmental Microbiology Reports, 2013, 5, 740-746.	1.0	14
79	Interactions of the metal tolerant heterotrophic microorganisms and iron oxidizing autotrophic bacteria from sulphidic mine environment during bioleaching experiments. Journal of Environmental Management, 2016, 172, 151-161.	3.8	14
80	Functionalised isocoumarins as antifungal compounds: Synthesis and biological studies. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 235-239.	1.0	14
81	Rhamnolipid inspired lipopeptides effective in preventing adhesion and biofilm formation of Candida albicans. Bioorganic Chemistry, 2019, 87, 209-217.	2.0	14
82	Non-cytotoxic photostable monomethine cyanine platforms: Combined paradigm of nucleic acid staining and in vivo imaging. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 397, 112598.	2.0	14
83	Diarylheptanoids from Alnus viridis ssp. viridis and Alnus glutinosa: Modulation of Quorum Sensing Activity in Pseudomonas aeruginosa. Planta Medica, 2017, 83, 117-125.	0.7	13
84	Redox behavior and biological properties of ferrocene bearing porphyrins. Journal of Inorganic Biochemistry, 2017, 171, 76-89.	1.5	13
85	Bioactive Pentacyclic Triterpene Ester Derivatives from Alnus viridis ssp. viridis Bark. Journal of Natural Products, 2017, 80, 1255-1263.	1.5	13
86	Bis-guanylhydrazones as efficient anti-Candida compounds through DNA interaction. Applied Microbiology and Biotechnology, 2018, 102, 1889-1901.	1.7	13
87	Biosynthesis of 2-aminooctanoic acid and its use to terminally modify a lactoferricin B peptide derivative for improved antimicrobial activity. Applied Microbiology and Biotechnology, 2018, 102, 789-799.	1.7	13
88	Antiplasmodial Activity and In Vivo Bio-Distribution of Chloroquine Molecules Released with a 4-(4-Ethynylphenyl)-Triazole Moiety from Organometallo-Cobalamins. Molecules, 2019, 24, 2310.	1.7	13
89	Silver(<scp>i</scp>) complexes with different pyridine-4,5-dicarboxylate ligands as efficient agents for the control of cow mastitis associated pathogens. Dalton Transactions, 2020, 49, 6084-6096.	1.6	13
90	Degradable 2-Hydroxyethyl Methacrylate/Gelatin/Alginate Hydrogels Infused by Nanocolloidal Graphene Oxide as Promising Drug Delivery and Scaffolding Biomaterials. Gels, 2022, 8, 22.	2.1	13

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91	Antimicrobial Activity and DNA/BSA Binding Affinity of Polynuclear Silver(I) Complexes with 1,2-Bis(4-pyridyl)ethane/ethene as Bridging Ligands. Bioinorganic Chemistry and Applications, 2020, 2020, 1-12.	1.8	12
92	Structural Characterization, Antimicrobial Activity and BSA/DNA Binding Affinity of New Silver(I) Complexes with Thianthrene and 1,8-Naphthyridine. Molecules, 2021, 26, 1871.	1.7	12
93	Polyhydroxyalkanoate/Antifungal Polyene Formulations with Monomeric Hydroxyalkanoic Acids for Improved Antifungal Efficiency. Antibiotics, 2021, 10, 737.	1.5	12
94	Synthesis, Anticancer Potential and Comprehensive Toxicity Studies of Novel Brominated Derivatives of Bacterial Biopigment Prodigiosin from Serratia marcescens ATCC 27117. Molecules, 2022, 27, 3729.	1.7	12
95	Assessing the catalytic activity of three different sources of tyrosinase: A study of the oxidation of mono- and difluorinated monophenols. Enzyme and Microbial Technology, 2008, 43, 297-301.	1.6	10
96	Undecylprodigiosin conjugated monodisperse gold nanoparticles efficiently cause apoptosis in colon cancer cells in vitro. Journal of Materials Chemistry B, 2014, 2, 3271-3281.	2.9	10
97	Decarbonylation of Aromatic Aldehydes and Dehalogenation of Aryl Halides Using Maghemite-Supported Palladium Catalyst. Synthesis, 2018, 50, 119-126.	1.2	10
98	Silver(I) complexes with 1,10-phenanthroline-based ligands: The influence of epoxide function on the complex structure and biological activity. Inorganica Chimica Acta, 2020, 502, 119357.	1.2	10
99	Controlled Curcumin Release from Hydrogel Scaffold Platform Based on 2â€Hydroxyethyl Methacrylate/Gelatin/Alginate/Iron(III) Oxide. Macromolecular Chemistry and Physics, 2020, 221, 2000186.	1.1	10
100	Tailoring copper(ii) complexes with pyridine-4,5-dicarboxylate esters for anti-Candida activity. Dalton Transactions, 2021, 50, 2627-2638.	1.6	10
101	Electroanalysis of Candida albicans biofilms: A suitable real-time tool for antifungal testing. Electrochimica Acta, 2021, 389, 138757.	2.6	10
102	Microbial diversity and isolation of multiple metal-tolerant bacteria from surface and underground pits within the copper mining and smelting complex Bor. Archives of Biological Sciences, 2013, 65, 375-386.	0.2	10
103	Upcycling Biodegradable PVA/Starch Film to a Bacterial Biopigment and Biopolymer. Polymers, 2021, 13, 3692.	2.0	10
104	Clinically used antifungal azoles as ligands for gold(<scp>iii</scp>) complexes: the influence of the Au(<scp>iii</scp>) ion on the antimicrobial activity of the complex. Dalton Transactions, 2022, 51, 5322-5334.	1.6	10
105	Didehydroroflamycoin pentaene macrolide family from Streptomyces durmitorensis MS405^T : production optimization and antimicrobial activity. Journal of Applied Microbiology, 2013, 115, 1297-1306.	1.4	9
106	Biocatalytic versatility of engineered and wild-type tyrosinase from R. solanacearum for the synthesis of 4-halocatechols. Applied Microbiology and Biotechnology, 2018, 102, 5121-5131.	1.7	9
107	Controlled drug release carriers based on PCL/PEO/PCL block copolymers. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 308-318.	1.8	9
108	Zinc(II) complexes with aromatic nitrogen-containing heterocycles as antifungal agents: Synergistic activity with clinically used drug nystatin. Journal of Inorganic Biochemistry, 2020, 208, 111089.	1.5	9

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109	Improvement of the anti-Candida activity of itraconazole in the zebrafish infection model by its coordination to silver(I). Journal of Molecular Structure, 2021, 1232, 130006.	1.8	9
110	A second generation snp-derived Escherichia coliâ€“Streptomyces shuttle expression vector that is generally transferable by conjugation. Plasmid, 2006, 56, 223-227.	0.4	8
111	Synthesis and antiâ€‹Candida activity of novel benzothiepino[3,2â€‹c]pyridine derivatives. Chemical Biology and Drug Design, 2016, 88, 795-806.	1.5	8
112	Influence of Short Central PEO Segment on Hydrolytic and Enzymatic Degradation of Triblock PCL Copolymers. Journal of Polymers and the Environment, 2018, 26, 2346-2359.	2.4	8
113	Novel sodium alkyl-1,3-disulfates, anionic biosurfactants produced from microbial polyesters. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110333.	2.5	8
114	Synthesis and initial biological evaluation of myxocoumarin B. Organic and Biomolecular Chemistry, 2019, 17, 1966-1969.	1.5	8
115	Antifungal potential of bacterial rhizosphere isolates associated with three ethno-medicinal plants (poppy, chamomile, and nettle). International Microbiology, 2019, 22, 343-353.	1.1	7
116	Thermal properties of 3â€‹hydroxy fatty acids and their binary mixtures as phase change energy storage materials. International Journal of Energy Research, 2020, 44, 1294-1302.	2.2	7
117	Polyhydroxyoctanoate films reinforced with titanium dioxide microfibers for biomedical application. Materials Letters, 2021, 285, 129100.	1.3	7
118	Novel Transaminase and Laccase from Streptomyces spp. Using Combined Identification Approaches. Catalysts, 2021, 11, 919.	1.6	7
119	RNA-targeting low-molecular-weight fluorophores for nucleoli staining: synthesis, in silico modelling and cellular imaging. New Journal of Chemistry, 2021, 45, 12818-12829.	1.4	7
120	Aspergillus piperis A/5 from plum-distilling waste compost produces a complex of antifungal metabolites active against the phytopathogen Pythium aphanidermatum. Archives of Biological Sciences, 2016, 68, 279-289.	0.2	7
121	Community structure and antibiotic production of Streptomyces nodosus bioreactors cultured in liquid environments. Microbial Biotechnology, 2008, 1, 373-381.	2.0	6
122	Different coordination abilities of 1,7- and 4,7-phenanthroline in the reactions with copper(II) salts: Structural characterization and biological evaluation of the reaction products. Polyhedron, 2019, 173, 114112.	1.0	6
123	Hydrolytic degradation of star-shaped poly(Îµ-caprolactone)s with different number of arms and their cytotoxic effects. Journal of Bioactive and Compatible Polymers, 2020, 35, 517-537.	0.8	6
124	Biodegradation of cellulose fibers functionalized with CuO/Cu2O nanoparticles in combination with polycarboxylic acids. Cellulose, 0, , 1.	2.4	6
125	Chemoselective biocatalytic reduction of conjugated nitroalkenes: New application for an Escherichia coli BL21(DE3) expression strain. Enzyme and Microbial Technology, 2014, 60, 16-23.	1.6	5
126	Immobilization of Escherichia coli cells expressing 4-oxalocrotonate tautomerase for improved biotransformation of Î²-nitrostyrene. Bioprocess and Biosystems Engineering, 2015, 38, 2389-2395.	1.7	5

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127	Complementary approaches for the evaluation of biocompatibility of 90Y-labeled superparamagnetic citric acid (Fe,Er)3O4 coated nanoparticles. Materials Science and Engineering C, 2017, 75, 157-164.	3.8	5
128	Synthesis and Laccase-Mediated Oxidation of New Condensed 1,4-Dihydropyridine Derivatives. Catalysts, 2021, 11, 727.	1.6	5
129	Polyenes in Medium Chain Length Polyhydroxyalkanoate (mcl-PHA) Biopolymer Microspheres with Reduced Toxicity and Improved Therapeutic Effect against Candida Infection in Zebrafish Model. Pharmaceutics, 2022, 14, 696.	2.0	5
130	Amplification of DNA Encoding Entire Type I Polyketide Synthase Domains and Linkers from Streptomyces Species. Current Microbiology, 2006, 53, 89-94.	1.0	4
131	Streptomyces sp. BV410 isolate from chamomile rhizosphere soil efficiently produces staurosporine with antifungal and antiangiogenic properties. MicrobiologyOpen, 2020, 9, e986.	1.2	4
132	Production of a chiral alcohol, 1-(3,4-dihydroxyphenyl) ethanol, by mushroom tyrosinase. Biotechnology Letters, 2013, 35, 779-783.	1.1	3
133	Synthesis of Î³-nitroaldehydes containing quaternary carbon in the Î±-position using a 4-oxalocrotonate tautomerase whole-cell biocatalyst. RSC Advances, 2014, 4, 60502-60510.	1.7	3
134	Biological effects of bacterial pigment undecylprodigiosin on human blood cells treated with atmospheric gas plasma in vitro. Experimental and Toxicologic Pathology, 2017, 69, 55-62.	2.1	3
135	Biocatalytic potential ofStreptomycesspp. isolates from rhizosphere of plants and mycorrhizosphere of fungi. Biotechnology and Applied Biochemistry, 2018, 65, 822-833.	1.4	3
136	Genomics-Based Insights Into the Biosynthesis and Unusually High Accumulation of Free Fatty Acids by Streptomyces sp. NP10. Frontiers in Microbiology, 2018, 9, 1302.	1.5	3
137	In Vitro and In Vivo Biocompatibility of Novel Zwitterionic Poly(Beta Amino)Ester Hydrogels Based on Diacrylate and Glycine for Siteâ€Specific Controlled Drug Release. Macromolecular Chemistry and Physics, 2019, 220, 1900188.	1.1	3
138	Comprehensive characterization of elastomeric polyhydroxyalkanoate and its sensor applications. Materials Science and Engineering C, 2020, 115, 111091.	3.8	3
139	Chemo- and biocatalytic esterification of marchantin A and cytotoxic activity of ester derivatives. FÃ¬toterapÃ¬Ã¢, 2020, 142, 104520.	1.1	3
140	Fragmentâ€type 4â€azolylcoumarin derivatives with anticancer properties. Archiv Der Pharmazie, 2021, 354, e2100238.	2.1	3
141	Synthesis and biological profiling of novel isocoumarin derivatives and related compounds. Journal of the Serbian Chemical Society, 2021, 86, 639-649.	0.4	3
142	Antibacterial and antifungal properties of guanylhydrazones. Journal of the Serbian Chemical Society, 2017, 82, 641-649.	0.4	3
143	Synthesis, physicochemical, and antimicrobial characteristics of novel poly(urethane-siloxane) network/silver ferrite nanocomposites. Journal of Materials Science, 2022, 57, 7827-7848.	1.7	3
144	Effect of composition and method of preparation of 2-hydroxyethyl methacrylate/gelatin hydrogels on biological in vitro (cell line) and in vivo (zebrafish) properties. Journal of Polymer Research, 2020, 27, 1.	1.2	2

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145	Copper(II) complexes with different diamines as inhibitors of bacterial quorum sensing activity. Journal of the Serbian Chemical Society, 2017, 82, 1357-1367.	0.4	2
146	Strong Antibiotic Activity of the Myxocoumarin Scaffold in vitro and in vivo. Chemistry - A European Journal, 2022, , .	1.7	2
147	Aromatic Guanylhydrazones for the Control of Heme-Induced Antibody Polyreactivity. ACS Omega, 2019, 4, 20450-20458.	1.6	1
148	Bisaurones â€“ enzymatic production and biological evaluation. New Journal of Chemistry, 2020, 44, 9647-9655.	1.4	1
149	Special Issue on Environmental Biocatalysis. Catalysts, 2020, 10, 490.	1.6	1
150	Limited aromatic pathway genes diversity amongst aromatic compound degrading soil bacterial isolates. Genetika, 2013, 45, 703-716.	0.1	1
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