

Jasmina NikodinoviÄ RuniÄ

List of Publications by Year in descending order

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160
papers

3,553
citations

136950

32
h-index

197818

49
g-index

168
all docs

168
docs citations

168
times ranked

4596
citing authors

#	ARTICLE	IF	CITATIONS
1	Rendering Bio-inert Low-Density Polyethylene Amenable for Biodegradation via Fast High Throughput Reactive Extrusion Assisted Oxidation. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2837-2846.	5.0	1
2	Clinically used antifungal azoles as ligands for gold($\text{Au}(\text{III})$) complexes: the influence of the $\text{Au}(\text{III})$ ion on the antimicrobial activity of the complex. <i>Dalton Transactions</i> , 2022, 51, 5322-5334.	3.3	10
3	Polyenes in Medium Chain Length Polyhydroxyalkanoate (mcl-PHA) Biopolymer Microspheres with Reduced Toxicity and Improved Therapeutic Effect against Candida Infection in Zebrafish Model. <i>Pharmaceutics</i> , 2022, 14, 696.	4.5	5
4	Strong Antibiotic Activity of the Myxocoumarin Scaffold in vitro and in vivo. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	2
5	Editorial: Bio-Technological Processes and Enzymes for the Conversion and Valorization of Plastic Wastes. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 873068.	4.1	0
6	Degradable 2-Hydroxyethyl Methacrylate/Gelatin/Alginate Hydrogels Infused by Nanocolloidal Graphene Oxide as Promising Drug Delivery and Scaffolding Biomaterials. <i>Gels</i> , 2022, 8, 22.	4.5	13
7	Synthesis, physicochemical, and antimicrobial characteristics of novel poly(urethane-siloxane) network/silver ferrite nanocomposites. <i>Journal of Materials Science</i> , 2022, 57, 7827-7848.	3.7	3
8	A polyesterase from the Antarctic bacterium <i>Moraxella</i> sp. degrades highly crystalline synthetic polymers. <i>Journal of Hazardous Materials</i> , 2022, 434, 128900.	12.4	20
9	Synthesis, Anticancer Potential and Comprehensive Toxicity Studies of Novel Brominated Derivatives of Bacterial Biopigment Prodigiosin from <i>Serratia marcescens</i> ATCC 27117. <i>Molecules</i> , 2022, 27, 3729.	3.8	12
10	Design, synthesis, antibacterial activity evaluation and molecular modeling studies of new sulfonamides containing a sulfathiazole moiety. <i>New Journal of Chemistry</i> , 2021, 45, 8166-8177.	2.8	30
11	Tailoring copper(II) complexes with pyridine-4,5-dicarboxylate esters for anti-Candida activity. <i>Dalton Transactions</i> , 2021, 50, 2627-2638.	3.3	10
12	Polyhydroxyoctanoate films reinforced with titanium dioxide microfibers for biomedical application. <i>Materials Letters</i> , 2021, 285, 129100.	2.6	7
13	Structural Characterization, Antimicrobial Activity and BSA/DNA Binding Affinity of New Silver(I) Complexes with Thianthrene and 1,8-Naphthyridine. <i>Molecules</i> , 2021, 26, 1871.	3.8	12
14	Novel Hydrogel Scaffolds Based on Alginate, Gelatin, 2-Hydroxyethyl Methacrylate, and Hydroxyapatite. <i>Polymers</i> , 2021, 13, 932.	4.5	17
15	Improvement of the anti-Candida activity of itraconazole in the zebrafish infection model by its coordination to silver(I). <i>Journal of Molecular Structure</i> , 2021, 1232, 130006.	3.6	9
16	Synthesis and Laccase-Mediated Oxidation of New Condensed 1,4-Dihydropyridine Derivatives. <i>Catalysts</i> , 2021, 11, 727.	3.5	5
17	Progressing Plastics Circularity: A Review of Mechano-Biocatalytic Approaches for Waste Plastic (Re)valorization. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 696040.	4.1	53
18	Polyhydroxyalkanoate/Antifungal Polyene Formulations with Monomeric Hydroxyalkanoic Acids for Improved Antifungal Efficiency. <i>Antibiotics</i> , 2021, 10, 737.	3.7	12

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19	Novel Transaminase and Laccase from <i>Streptomyces</i> spp. Using Combined Identification Approaches. <i>Catalysts</i> , 2021, 11, 919.	3.5	7
20	Synthesis and characterization of polyethylene terephthalate (PET) precursors and potential degradation products: Toxicity study and application in discovery of novel PETases. <i>Chemosphere</i> , 2021, 275, 130005.	8.2	42
21	Fragment-type 4-azolylcoumarin derivatives with anticancer properties. <i>Archiv Der Pharmazie</i> , 2021, 354, e2100238.	4.1	3
22	Electroanalysis of <i>Candida albicans</i> biofilms: A suitable real-time tool for antifungal testing. <i>Electrochimica Acta</i> , 2021, 389, 138757.	5.2	10
23	Synthesis and biological profiling of novel isocoumarin derivatives and related compounds. <i>Journal of the Serbian Chemical Society</i> , 2021, 86, 639-649.	0.8	3
24	RNA-targeting low-molecular-weight fluorophores for nucleoli staining: synthesis, <i>in silico</i> modelling and cellular imaging. <i>New Journal of Chemistry</i> , 2021, 45, 12818-12829.	2.8	7
25	Copper(II) and Zinc(II) Complexes with the Clinically Used Fluconazole: Comparison of Antifungal Activity and Therapeutic Potential. <i>Pharmaceuticals</i> , 2021, 14, 24.	3.8	22
26	Upcycling Biodegradable PVA/Starch Film to a Bacterial Biopigment and Biopolymer. <i>Polymers</i> , 2021, 13, 3692.	4.5	10
27	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. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110872.	3.5	16
28	Development of an efficient biocatalytic system based on bacterial laccase for the oxidation of selected 1,4-dihydropyridines. <i>Enzyme and Microbial Technology</i> , 2020, 132, 109411.	3.2	18
29	Thermal properties of 3-hydroxy fatty acids and their binary mixtures as phase change energy storage materials. <i>International Journal of Energy Research</i> , 2020, 44, 1294-1302.	4.5	7
30	Silver(I) complexes with 1,10-phenanthroline-based ligands: The influence of epoxide function on the complex structure and biological activity. <i>Inorganica Chimica Acta</i> , 2020, 502, 119357.	2.4	10
31	Controlled Curcumin Release from Hydrogel Scaffold Platform Based on 2-Hydroxyethyl Methacrylate/Gelatin/Alginate/Iron(III) Oxide. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000186.	2.2	10
32	Identification of novel potent and non-toxic anticancer, anti-angiogenic and antimetastatic rhenium complexes against colorectal carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112583.	5.5	41
33	Design, synthesis and <i>in vivo</i> evaluation of 3-arylcoumarin derivatives of rhenium(I) tricarbonyl complexes as potent antibacterial agents against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>European Journal of Medicinal Chemistry</i> , 2020, 205, 112533.	5.5	48
34	Comprehensive characterization of elastomeric polyhydroxyalkanoate and its sensor applications. <i>Materials Science and Engineering C</i> , 2020, 115, 111091.	7.3	3
35	Effect of composition and method of preparation of 2-hydroxyethyl methacrylate/gelatin hydrogels on biological <i>in vitro</i> (cell line) and <i>in vivo</i> (zebrafish) properties. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	2
36	Hydrolytic degradation of star-shaped poly(ϵ -caprolactone)s with different number of arms and their cytotoxic effects. <i>Journal of Bioactive and Compatible Polymers</i> , 2020, 35, 517-537.	2.1	6

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37	Bisaurones – enzymatic production and biological evaluation. <i>New Journal of Chemistry</i> , 2020, 44, 9647-9655.	2.8	1
38	Zinc(II) complexes with aromatic nitrogen-containing heterocycles as antifungal agents: Synergistic activity with clinically used drug nystatin. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111089.	3.5	9
39	Special Issue on Environmental Biocatalysis. <i>Catalysts</i> , 2020, 10, 490.	3.5	1
40	New minor groove covering DNA binding mode of dinuclear Pt(II) complexes with various pyridine-linked bridging ligands and dual anticancer-antiangiogenic activities. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 395-409.	2.6	19
41	Silver(II) complexes with different pyridine-4,5-dicarboxylate ligands as efficient agents for the control of cow mastitis associated pathogens. <i>Dalton Transactions</i> , 2020, 49, 6084-6096.	3.3	13
42	Dinuclear silver(II) 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. <i>Dalton Transactions</i> , 2020, 49, 10880-10894.	3.3	16
43	Photoactivatable Surface-Functionalized Diatom Microalgae for Colorectal Cancer Targeted Delivery and Enhanced Cytotoxicity of Anticancer Complexes. <i>Pharmaceutics</i> , 2020, 12, 480.	4.5	28
44	<i>Streptomyces</i> sp. BV410 isolate from chamomile rhizosphere soil efficiently produces staurosporine with antifungal and antiangiogenic properties. <i>MicrobiologyOpen</i> , 2020, 9, e986.	3.0	4
45	Chemo- and biocatalytic esterification of marchantin A and cytotoxic activity of ester derivatives. <i>FASEB J</i> , 2020, 142, 104520.	2.2	3
46	Antimicrobial Activity and DNA/BSA Binding Affinity of Polynuclear Silver(I) Complexes with 1,2-Bis(4-pyridyl)ethane/ethene as Bridging Ligands. <i>Bioinorganic Chemistry and Applications</i> , 2020, 1-12.	4.1	12
47	Non-cytotoxic photostable monomethine cyanine platforms: Combined paradigm of nucleic acid staining and in vivo imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 397, 112598.	3.9	14
48	Understanding bioplastic materials - current state and trends. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 1507-1538.	0.8	19
49	Discovery and Biochemical Characterization of a Novel Polyesterase for the Degradation of Synthetic Plastics. , 2020, 2, .		1
50	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. <i>Polyhedron</i> , 2019, 173, 114112.	2.2	6
51	In Vitro and In Vivo Biocompatibility of Novel Zwitterionic Poly(Beta Amino)Ester Hydrogels Based on Diacrylate and Glycine for Site-Specific Controlled Drug Release. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900188.	2.2	3
52	Identification and Characterization of New Laccase Biocatalysts from <i>Pseudomonas</i> Species Suitable for Degradation of Synthetic Textile Dyes. <i>Catalysts</i> , 2019, 9, 629.	3.5	41
53	Novel sodium alkyl-1,3-disulfates, anionic biosurfactants produced from microbial polyesters. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110333.	5.0	8
54	Antiplasmodial Activity and In Vivo Bio-Distribution of Chloroquine Molecules Released with a 4-(4-Ethynylphenyl)-Triazole Moiety from Organometallo-Cobalamins. <i>Molecules</i> , 2019, 24, 2310.	3.8	13

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55	Production of bacterial nanocellulose (BNC) and its application as a solid support in transition metal catalysed cross-coupling reactions. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 351-360.	7.5	33
56	Synthesis and initial biological evaluation of myxocoumarin B. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1966-1969.	2.8	8
57	Rhamnolipid inspired lipopeptides effective in preventing adhesion and biofilm formation of <i>Candida albicans</i> . <i>Bioorganic Chemistry</i> , 2019, 87, 209-217.	4.1	14
58	Silver(I) complexes with 4,7-phenanthroline efficient in rescuing the zebrafish embryos of lethal <i>Candida albicans</i> infection. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 149-163.	3.5	17
59	Biodegradation of poly(ϵ -caprolactone) (PCL) and medium chain length polyhydroxyalkanoate (mcl-PHA) using whole cells and cell free protein preparations of <i>Pseudomonas</i> and <i>Streptomyces</i> strains grown on waste cooking oil. <i>Polymer Degradation and Stability</i> , 2019, 162, 160-168.	5.8	18
60	Aromatic Guanyldiazones for the Control of Heme-Induced Antibody Polyreactivity. <i>ACS Omega</i> , 2019, 4, 20450-20458.	3.5	1
61	Applications of Microbial Laccases: Patent Review of the Past Decade (2009–2019). <i>Catalysts</i> , 2019, 9, 1023.	3.5	65
62	Antifungal potential of bacterial rhizosphere isolates associated with three ethno-medicinal plants (poppy, chamomile, and nettle). <i>International Microbiology</i> , 2019, 22, 343-353.	2.4	7
63	Controlled drug release carriers based on PCL/PEO/PCL block copolymers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 308-318.	3.4	9
64	Antimicrobial and anti-biofilm activity and biological decontamination efficiency of ED-1 emulsion. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 99-110.	0.8	0
65	Medium chain length (mcl)-PHA-based nanocomposites for biomedical applications: system evaluation through XRD. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e577-e577.	0.1	0
66	<i>Streptomyces</i> spp. in the biocatalysis toolbox. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3513-3536.	3.6	39
67	Biofilm-forming ability and infection potential of <i>Pseudomonas aeruginosa</i> strains isolated from animals and humans. <i>Pathogens and Disease</i> , 2018, 76, .	2.0	32
68	Biocatalytic versatility of engineered and wild-type tyrosinase from <i>R. solanacearum</i> for the synthesis of 4-halocatechols. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5121-5131.	3.6	9
69	Bis-guanyldiazones as efficient anti- <i>Candida</i> compounds through DNA interaction. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1889-1901.	3.6	13
70	A new class of platinum(II) complexes with the phosphine ligand pta which show potent anticancer activity. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 39-53.	6.0	44
71	Decarbonylation of Aromatic Aldehydes and Dehalogenation of Aryl Halides Using Maghemite-Supported Palladium Catalyst. <i>Synthesis</i> , 2018, 50, 119-126.	2.3	10
72	Biosynthesis of 2-amino-octanoic acid and its use to terminally modify a lactoferricin B peptide derivative for improved antimicrobial activity. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 789-799.	3.6	13

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73	Influence of Short Central PEO Segment on Hydrolytic and Enzymatic Degradation of Triblock PCL Copolymers. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2346-2359.	5.0	8
74	Synthesis, cytotoxic activity and DNA-binding properties of copper(II) complexes with terpyridine. <i>Polyhedron</i> , 2018, 139, 313-322.	2.2	26
75	Microbial Production of Violacein and Process Optimization for Dyeing Polyamide Fabrics With Acquired Antimicrobial Properties. <i>Frontiers in Microbiology</i> , 2018, 9, 1495.	3.5	51
76	Biocatalytic potential of <i>Streptomyces</i> spp. isolates from rhizosphere of plants and mycorrhizosphere of fungi. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 822-833.	3.1	3
77	Genomics-Based Insights Into the Biosynthesis and Unusually High Accumulation of Free Fatty Acids by <i>Streptomyces</i> sp. NP10. <i>Frontiers in Microbiology</i> , 2018, 9, 1302.	3.5	3
78	Mononuclear silver(I) complexes with 1,7-phenanthroline as potent inhibitors of <i>Candida</i> growth. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 760-773.	5.5	36
79	Synthesis, structural characterization and antimicrobial activity of silver(I) complexes with 1-benzyl-1H-tetrazoles. <i>Polyhedron</i> , 2018, 154, 325-333.	2.2	16
80	Diarylheptanoids from <i>Alnus viridis</i> ssp. <i>viridis</i> and <i>Alnus glutinosa</i> : Modulation of Quorum Sensing Activity in <i>Pseudomonas aeruginosa</i> . <i>Planta Medica</i> , 2017, 83, 117-125.	1.3	13
81	Mononuclear gold(III) complexes with L-histidine-containing dipeptides: tuning the structural and biological properties by variation of the N-terminal amino acid and counter anion. <i>Dalton Transactions</i> , 2017, 46, 2594-2608.	3.3	22
82	Synthesis of core-shell hematite (γ -Fe ₂ O ₃) nanoplates: Quantitative analysis of the particle structure and shape, high coercivity and low cytotoxicity. <i>Applied Surface Science</i> , 2017, 403, 628-634.	6.1	49
83	Complementary approaches for the evaluation of biocompatibility of 90Y-labeled superparamagnetic citric acid (Fe,Er)3O4 coated nanoparticles. <i>Materials Science and Engineering C</i> , 2017, 75, 157-164.	7.3	5
84	Redox behavior and biological properties of ferrocene bearing porphyrins. <i>Journal of Inorganic Biochemistry</i> , 2017, 171, 76-89.	3.5	13
85	Bioactive Pentacyclic Triterpene Ester Derivatives from <i>Alnus viridis</i> ssp. <i>viridis</i> Bark. <i>Journal of Natural Products</i> , 2017, 80, 1255-1263.	3.0	13
86	Potent anti-melanogenic activity and favorable toxicity profile of selected 4-phenyl hydroxycoumarins in the zebrafish model and the computational molecular modeling studies. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6286-6296.	3.0	19
87	Mononuclear gold(III) complexes with phenanthroline ligands as efficient inhibitors of angiogenesis: A comparative study with auranofin and sunitinib. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 156-168.	3.5	22
88	Biological effects of bacterial pigment undecylprodigiosin on human blood cells treated with atmospheric gas plasma in vitro. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 55-62.	2.1	3
89	Degradation behaviour of PCL/PEO/PCL and PCL/PEO block copolymers under controlled hydrolytic, enzymatic and composting conditions. <i>Polymer Testing</i> , 2017, 57, 67-77.	4.8	43
90	Anti-biofilm Properties of Bacterial Di-Rhamnolipids and Their Semi-Synthetic Amide Derivatives. <i>Frontiers in Microbiology</i> , 2017, 8, 2454.	3.5	73

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91	In vitro antimicrobial activity and cytotoxicity of nickel(II) complexes with different diamine ligands. Journal of the Serbian Chemical Society, 2017, 82, 389-398.	0.8	1
92	Antibacterial and antifungal properties of guanyldrazones. Journal of the Serbian Chemical Society, 2017, 82, 641-649.	0.8	3
93	Copper(II) complexes with different diamines as inhibitors of bacterial quorum sensing activity. Journal of the Serbian Chemical Society, 2017, 82, 1357-1367.	0.8	2
94	Synthesis and anti- <i>Candida</i> activity of novel benzothiepine[3,2- <i>c</i>]pyridine derivatives. Chemical Biology and Drug Design, 2016, 88, 795-806.	3.2	8
95	Synthesis, structural characterization and biological evaluation of dinuclear gold(III) complexes with aromatic nitrogen-containing ligands: antimicrobial activity in relation to the complex nuclearity. MedChemComm, 2016, 7, 1356-1366.	3.4	16
96	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.	7.8	14
97	Copper(II) complexes with aromatic nitrogen-containing heterocycles as effective inhibitors of quorum sensing activity in <i>Pseudomonas aeruginosa</i> . RSC Advances, 2016, 6, 86695-86709.	3.6	26
98	Prevention of polymicrobial biofilms composed of <i>Pseudomonas aeruginosa</i> and pathogenic fungi by essential oils from selected Citrus species. Pathogens and Disease, 2016, 74, ftw102.	2.0	34
99	A comparative antimicrobial and toxicological study of gold(III) and silver(I) complexes with aromatic nitrogen-containing heterocycles: synergistic activity and improved selectivity index of Au(III)/Ag(I) complexes mixture. RSC Advances, 2016, 6, 13193-13206.	3.6	38
100	Silver(I) complexes with phthalazine and quinazoline as effective agents against pathogenic <i>Pseudomonas aeruginosa</i> strains. Journal of Inorganic Biochemistry, 2016, 155, 115-128.	3.5	59
101	Synthesis and evaluation of thiophene-based guanyldrazones (iminoguanidines) efficient against panel of voriconazole-resistant fungal isolates. Bioorganic and Medicinal Chemistry, 2016, 24, 1277-1291.	3.0	34
102	Silver(I) complexes with quinazoline and phthalazine: synthesis, structural characterization and evaluation of biological activities. MedChemComm, 2016, 7, 282-291.	3.4	21
103	Polyhydroxyalkanoate-based 3-hydroxyoctanoic acid and its derivatives as a platform of bioactive compounds. Applied Microbiology and Biotechnology, 2016, 100, 161-172.	3.6	50
104	Functionalised isocoumarins as antifungal compounds: Synthesis and biological studies. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 235-239.	2.2	14
105	<i>Aspergillus piperis</i> A/5 from plum-distilling waste compost produces a complex of antifungal metabolites active against the phytopathogen <i>Pythium aphanidermatum</i> . Archives of Biological Sciences, 2016, 68, 279-289.	0.5	7
106	Importance of the N-terminal proline for the promiscuous activity of 4-oxalocrotonate tautomerase (4-OT). Journal of the Serbian Chemical Society, 2016, 81, 871-881.	0.8	1
107	Immobilization of <i>Escherichia coli</i> cells expressing 4-oxalocrotonate tautomerase for improved biotransformation of 1 ² -nitrostyrene. Bioprocess and Biosystems Engineering, 2015, 38, 2389-2395.	3.4	5
108	Recent developments in biocatalysis beyond the laboratory. Biotechnology Letters, 2015, 37, 943-954.	2.2	48

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109	Structural diversity and possible functional roles of free fatty acids of the novel soil isolate <i>Streptomyces</i> sp. NP10. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4815-4833.	3.6	18
110	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. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1442-1451.	6.4	39
111	Selected 4-phenyl hydroxycoumarins: In vitro cytotoxicity, teratogenic effect on zebrafish (<i>Danio</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 53	4.0	24
112	The chain length of biologically produced (R)-3-hydroxyalkanoic acid affects biological activity and structure of anti-cancer peptides. <i>Journal of Biotechnology</i> , 2015, 204, 7-12.	3.8	15
113	Inhibitory effect of thyme and cinnamon essential oils on <i>Aspergillus flavus</i> : Optimization and activity prediction model development. <i>Industrial Crops and Products</i> , 2015, 65, 7-13.	5.2	27
114	Identification and characterization of an acyl-CoA dehydrogenase from <i>Pseudomonas putida</i> KT2440 that shows preference towards medium to long chain length fatty acids. <i>Microbiology (United)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 53	4.0	24
115	Synthesis of β -nitroaldehydes containing quaternary carbon in the α -position using a 4-oxalocrotonate tautomerase whole-cell biocatalyst. <i>RSC Advances</i> , 2014, 4, 60502-60510.	3.6	3
116	Cytotoxic effect of <i>Reseda lutea</i> L.: A case of forgotten remedy. <i>Journal of Ethnopharmacology</i> , 2014, 153, 125-132.	4.1	17
117	Conversion of post consumer polyethylene to the biodegradable polymer polyhydroxyalkanoate. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4223-4232.	3.6	102
118	Crude bacterial extracts of two new <i>Streptomyces</i> sp. isolates as bio-colorants for textile dyeing. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2231-2240.	3.6	21
119	Properties and applications of undecylprodigiosin and other bacterial prodigiosins. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3841-3858.	3.6	138
120	Undecylprodigiosin conjugated monodisperse gold nanoparticles efficiently cause apoptosis in colon cancer cells in vitro. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3271-3281.	5.8	10
121	Chemoselective biocatalytic reduction of conjugated nitroalkenes: New application for an <i>Escherichia coli</i> BL21(DE3) expression strain. <i>Enzyme and Microbial Technology</i> , 2014, 60, 16-23.	3.2	5
122	Production of a chiral alcohol, 1-(3,4-dihydroxyphenyl) ethanol, by mushroom tyrosinase. <i>Biotechnology Letters</i> , 2013, 35, 779-783.	2.2	3
123	Didehydroroflomycoin pentaene macrolide family from <i>Streptomyces durmitorensis</i> MS405 ^T : production optimization and antimicrobial activity. <i>Journal of Applied Microbiology</i> , 2013, 115, 1297-1306.	3.1	9
124	The oxidation of alkylaryl sulfides and benzo[b]thiophenes by <i>Escherichia coli</i> cells expressing wild-type and engineered styrene monooxygenase from <i>Pseudomonas putida</i> CA-3. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4849-4858.	3.6	32
125	The anti-cancer activity of a cationic anti-microbial peptide derived from monomers of polyhydroxyalkanoate. <i>Biomaterials</i> , 2013, 34, 2710-2718.	11.4	55
126	Toxic essential oils. Part III: Identification and biological activity of new allylmethoxyphenyl esters from a Chamomile species (<i>Anthemis segetalis</i> Ten.). <i>Food and Chemical Toxicology</i> , 2013, 62, 554-565.	3.6	39

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127	Engineering of a bacterial tyrosinase for improved catalytic efficiency towards D-tyrosine using random and site directed mutagenesis approaches. <i>Biotechnology and Bioengineering</i> , 2013, 110, 1849-1857.	3.3	32
128	Highly efficient Michael-type addition of acetaldehyde to 1 ² -nitrostyrenes by whole resting cells of <i>Escherichia coli</i> expressing 4-oxalocrotonate tautomerase. <i>Bioresource Technology</i> , 2013, 142, 462-468.	9.6	22
129	Phenol removal from four different natural soil types by <i>Bacillus</i> sp. PS11. <i>Applied Soil Ecology</i> , 2013, 70, 1-8.	4.3	19
130	The effect of polyphosphate kinase gene deletion on polyhydroxyalkanoate accumulation and carbon metabolism in <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2013, 5, 740-746.	2.4	14
131	Carbon-Rich Wastes as Feedstocks for Biodegradable Polymer (Polyhydroxyalkanoate) Production Using Bacteria. <i>Advances in Applied Microbiology</i> , 2013, 84, 139-200.	2.4	147
132	Microbial diversity and isolation of multiple metal-tolerant bacteria from surface and underground pits within the copper mining and smelting complex Bor. <i>Archives of Biological Sciences</i> , 2013, 65, 375-386.	0.5	10
133	Limited aromatic pathway genes diversity amongst aromatic compound degrading soil bacterial isolates. <i>Genetika</i> , 2013, 45, 703-716.	0.4	1
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135	<i>Streptomyces</i> sp. JS520 produces exceptionally high quantities of undecylprodigiosin with antibacterial, antioxidative, and UV-protective properties. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 1217-1231.	3.6	72
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146	Characterization of temperature-sensitive and lipopolysaccharide overproducing transposon mutants of <i>Pseudomonas putida</i> CA-3 affected in PHA accumulation. <i>FEMS Microbiology Letters</i> , 2009, 292, 297-305.	1.8	15
147	Characterization of melanin-overproducing transposon mutants of <i>Pseudomonas putida</i> F6. <i>FEMS Microbiology Letters</i> , 2009, 298, 174-183.	1.8	20
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