

Alessandro Presentato

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,307
citations

331670

21
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42
all docs

42
docs citations

42
times ranked

1237
citing authors

#	ARTICLE	IF	CITATIONS
1	Conservation state of two paintings in the Santa Margherita cliff cave: role of the environment and of the microbial community. <i>Environmental Science and Pollution Research</i> , 2022, 29, 29510-29523.	5.3	6
2	Cross-linked natural IntegroPectin films from citrus biowaste with intrinsic antimicrobial activity. <i>Cellulose</i> , 2022, 29, 5779-5802.	4.9	11
3	A Comparative Analysis of Aquatic and Polyethylene-Associated Antibiotic-Resistant Microbiota in the Mediterranean Sea. <i>Biology</i> , 2021, 10, 200.	2.8	19
4	New Neuroprotective Effect of Lemon IntegroPectin on Neuronal Cellular Model. <i>Antioxidants</i> , 2021, 10, 669.	5.1	22
5	Biogenic Selenium Nanoparticles: A Fine Characterization to Unveil Their Thermodynamic Stability. <i>Nanomaterials</i> , 2021, 11, 1195.	4.1	18
6	Untargeted Metabolomics Investigation on Selenite Reduction to Elemental Selenium by <i>Bacillus mycooides</i> SelTE01. <i>Frontiers in Microbiology</i> , 2021, 12, 711000.	3.5	6
7	Volatile Compounds of Lemon and Grapefruit IntegroPectin. <i>Molecules</i> , 2021, 26, 51.	3.8	25
8	Flavonoids in Lemon and Grapefruit IntegroPectin**. <i>ChemistryOpen</i> , 2021, 10, 1055-1058.	1.9	14
9	Lipid Nanocarriers-Loaded Nanocomposite as a Suitable Platform to Release Antibacterial and Antioxidant Agents for Immediate Dental Implant Placement Restorative Treatment. <i>Pharmaceutics</i> , 2021, 13, 2072.	4.5	10
10	A New Water-Soluble Bactericidal Agent for the Treatment of Infections Caused by Gram-Positive and Gram-Negative Bacterial Strains. <i>Antibiotics</i> , 2020, 9, 586.	3.7	41
11	A combined physical-chemical and microbiological approach to unveil the fabrication, provenance, and state of conservation of the Kinkarakawa-gami art. <i>Scientific Reports</i> , 2020, 10, 16072.	3.3	11
12	Pectin: A Long-Neglected Broad-Spectrum Antibacterial. <i>ChemMedChem</i> , 2020, 15, 2228-2235.	3.2	53
13	Formulation of Mesoporous Silica Nanoparticles for Controlled Release of Antimicrobials for Stone Preventive Conservation. <i>Frontiers in Chemistry</i> , 2020, 8, 699.	3.6	21
14	Biotechnology of <i>Rhodococcus</i> for the production of valuable compounds. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8567-8594.	3.6	85
15	Processing of Metals and Metalloids by Actinobacteria: Cell Resistance Mechanisms and Synthesis of Metal(loid)-Based Nanostructures. <i>Microorganisms</i> , 2020, 8, 2027.	3.6	31
16	Antibacterial PEGylated Solid Lipid Microparticles for Cosmeceutical Purpose: Formulation, Characterization, and Efficacy Evaluation. <i>Materials</i> , 2020, 13, 2073.	2.9	11
17	Superior Antibacterial Activity of Integral Lemon Pectin Extracted via Hydrodynamic Cavitation. <i>ChemistryOpen</i> , 2020, 9, 628-630.	1.9	39
18	Is <i>Caretta caretta</i> a Carrier of Antibiotic Resistance in the Mediterranean Sea?. <i>Antibiotics</i> , 2020, 9, 116.	3.7	45

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19	New Synthetic Nitro-Pyrrolomycins as Promising Antibacterial and Anticancer Agents. <i>Antibiotics</i> , 2020, 9, 292.	3.7	35
20	On the Ability of Perfluorohexane Sulfonate (PFHxS) Bioaccumulation by Two <i>Pseudomonas</i> sp. Strains Isolated from PFAS-Contaminated Environmental Matrices. <i>Microorganisms</i> , 2020, 8, 92.	3.6	49
21	Graphene Oxide Carboxymethylcellulose Nanocomposite for Dressing Materials. <i>Materials</i> , 2020, 13, 1980.	2.9	31
22	Tunable photoluminescence properties of selenium nanoparticles: biogenic versus chemogenic synthesis. <i>Nanophotonics</i> , 2020, 9, 3615-3628.	6.0	16
23	Influence of Bacterial Physiology on Processing of Selenite, Biogenesis of Nanomaterials and Their Thermodynamic Stability. <i>Molecules</i> , 2019, 24, 2532.	3.8	23
24	Identification of Resistance Genes and Response to Arsenic in <i>Rhodococcus aetherivorans</i> BCP1. <i>Frontiers in Microbiology</i> , 2019, 10, 888.	3.5	38
25	Tellurite-dependent blackening of bacteria emerges from the dark ages. <i>Environmental Chemistry</i> , 2019, 16, 266.	1.5	41
26	Interaction of <i>Rhodococcus</i> with Metals and Biotechnological Applications. <i>Microbiology Monographs</i> , 2019, , 333-357.	0.6	11
27	Stability of biogenic metal(loid) nanomaterials related to the colloidal stabilization theory of chemical nanostructures. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 1137-1156.	9.0	54
28	Assembly, growth and conductive properties of tellurium nanorods produced by <i>Rhodococcus aetherivorans</i> BCP1. <i>Scientific Reports</i> , 2018, 8, 3923.	3.3	47
29	Selenium and tellurium nanomaterials. <i>ChemistrySelect</i> , 2018, 3, .	1.5	18
30	Biosynthesis of selenium-nanoparticles and -nanorods as a product of selenite bioconversion by the aerobic bacterium <i>Rhodococcus aetherivorans</i> BCP1. <i>New Biotechnology</i> , 2018, 41, 1-8.	4.4	79
31	Physical and Chemical Properties of Biogenic Selenium Nanostructures Produced by <i>Stenotrophomonas maltophilia</i> SeITE02 and <i>Ochrobactrum</i> sp. MPV1. <i>Frontiers in Microbiology</i> , 2018, 9, 3178.	3.5	37
32	Aerobic Growth of <i>Rhodococcus aetherivorans</i> BCP1 Using Selected Naphthenic Acids as the Sole Carbon and Energy Sources. <i>Frontiers in Microbiology</i> , 2018, 9, 672.	3.5	40
33	Antimicrobial activity of biogenically produced spherical Se nanomaterials embedded in organic material against <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> strains on hydroxyapatite-coated surfaces. <i>Microbial Biotechnology</i> , 2017, 10, 804-818.	4.2	67
34	<i>Ochrobactrum</i> sp. MPV1 from a dump of roasted pyrites can be exploited as bacterial catalyst for the biogenesis of selenium and tellurium nanoparticles. <i>Microbial Cell Factories</i> , 2017, 16, 215.	4.0	76
35	<i>Rhodococcus aetherivorans</i> BCP1 as cell factory for the production of intracellular tellurium nanorods under aerobic conditions. <i>Microbial Cell Factories</i> , 2016, 15, 204.	4.0	50
36	Growth of <i>Rhodococcus</i> sp. strain BCP1 on gaseous n-alkanes: new metabolic insights and transcriptional analysis of two soluble di-iron monooxygenase genes. <i>Frontiers in Microbiology</i> , 2015, 6, 393.	3.5	60

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37	Genome and Phenotype Microarray Analyses of <i>Rhodococcus</i> sp. BCP1 and <i>Rhodococcus opacus</i> R7: Genetic Determinants and Metabolic Abilities with Environmental Relevance. PLoS ONE, 2015, 10, e0139467.	2.5	53
38	Microbial-Based Bioremediation of Selenium and Tellurium Compounds. , 0, , .		9