Alessandro Presentato

List of Publications by Year
in descending order

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38 papers	1,307 citations	331670 21 h-index	361022 35 g-index
42 all docs	42 docs citations	42 times ranked	1237 citing authors

#	Article	IF	Citations
1	Biotechnology of Rhodococcus for the production of valuable compounds. Applied Microbiology and Biotechnology, 2020, 104, 8567-8594.	3.6	85
2	Biosynthesis of selenium-nanoparticles and -nanorods as a product of selenite bioconversion by the aerobic bacterium Rhodococcus aetherivorans BCP1. New Biotechnology, 2018, 41, 1-8.	4.4	79
3	Ochrobactrum sp. MPV1 from a dump of roasted pyrites can be exploited as bacterial catalyst for the biogenesis of selenium and tellurium nanoparticles. Microbial Cell Factories, 2017, 16, 215.	4.0	76
4	Antimicrobial activity of biogenically produced spherical Seâ€nanomaterials embedded in organic material against Pseudomonas aeruginosa andÂStaphylococcus aureus strains on hydroxyapatiteâ€coated surfaces. Microbial Biotechnology, 2017, 10, 804-818.	4.2	67
5	Growth of Rhodococcus sp. strain BCP1 on gaseous n-alkanes: new metabolic insights and transcriptional analysis of two soluble di-iron monooxygenase genes. Frontiers in Microbiology, 2015, 6, 393.	3.5	60
6	Stability of biogenic metal(loid) nanomaterials related to the colloidal stabilization theory of chemical nanostructures. Critical Reviews in Biotechnology, 2018, 38, 1137-1156.	9.0	54
7	Pectin: A Longâ€Neglected Broadâ€Spectrum Antibacterial. ChemMedChem, 2020, 15, 2228-2235.	3.2	53
8	Genome and Phenotype Microarray Analyses of Rhodococcus sp. BCP1 and Rhodococcus opacus R7: Genetic Determinants and Metabolic Abilities with Environmental Relevance. PLoS ONE, 2015, 10, e0139467.	2.5	53
9	Rhodococcus aetherivorans BCP1 as cell factory for the production of intracellular tellurium nanorods under aerobic conditions. Microbial Cell Factories, 2016, 15, 204.	4.0	50
10	On the Ability of Perfluorohexane Sulfonate (PFHxS) Bioaccumulation by Two Pseudomonas sp. Strains Isolated from PFAS-Contaminated Environmental Matrices. Microorganisms, 2020, 8, 92.	3.6	49
11	Assembly, growth and conductive properties of tellurium nanorods produced by Rhodococcus aetherivorans BCP1. Scientific Reports, 2018, 8, 3923.	3.3	47
12	Is Caretta Caretta a Carrier of Antibiotic Resistance in the Mediterranean Sea?. Antibiotics, 2020, 9, 116.	3.7	45
13	Tellurite-dependent blackening of bacteria emerges from the dark ages. Environmental Chemistry, 2019, 16, 266.	1.5	41
14	A New Water-Soluble Bactericidal Agent for the Treatment of Infections Caused by Gram-Positive and Gram-Negative Bacterial Strains. Antibiotics, 2020, 9, 586.	3.7	41
15	Aerobic Growth of Rhodococcus aetherivorans BCP1 Using Selected Naphthenic Acids as the Sole Carbon and Energy Sources. Frontiers in Microbiology, 2018, 9, 672.	3.5	40
16	Superior Antibacterial Activity of Integral Lemon Pectin Extracted via Hydrodynamic Cavitation. ChemistryOpen, 2020, 9, 628-630.	1.9	39
17	Identification of Resistance Genes and Response to Arsenic in Rhodococcus aetherivorans BCP1. Frontiers in Microbiology, 2019, 10, 888.	3.5	38
18	Physicalâ€“Chemical Properties of Biogenic Selenium Nanostructures Produced by Stenotrophomonas maltophilia SeITE02 and Ochrobactrum sp. MPV1. Frontiers in Microbiology, 2018, 9, 3178.	3.5	37

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19	New Synthetic Nitro-Pyrrolomycins as Promising Antibacterial and Anticancer Agents. Antibiotics, 2020, 9, 292.	3.7	35
20	Processing of Metals and Metalloids by Actinobacteria: Cell Resistance Mechanisms and Synthesis of Metal(loid)-Based Nanostructures. Microorganisms, 2020, 8, 2027.	3.6	31
21	Graphene Oxide Carboxymethylcellulose Nanocomposite for Dressing Materials. Materials, 2020, 13, 1980.	2.9	31
22	Volatile Compounds of Lemon and Grapefruit IntegroPectin. Molecules, 2021, 26, 51.	3.8	25
23	Influence of Bacterial Physiology on Processing of Selenite, Biogenesis of Nanomaterials and Their Thermodynamic Stability. Molecules, 2019, 24, 2532.	3.8	23
24	New Neuroprotective Effect of Lemon IntegroPectin on Neuronal Cellular Model. Antioxidants, 2021, 10, 669.	5.1	22
25	Formulation of Mesoporous Silica Nanoparticles for Controlled Release of Antimicrobials for Stone Preventive Conservation. Frontiers in Chemistry, 2020, 8, 699.	3.6	21
26	A Comparative Analysis of Aquatic and Polyethylene-Associated Antibiotic-Resistant Microbiota in the Mediterranean Sea. Biology, 2021, 10, 200.	2.8	19
27	Selenium and tellurium nanomaterials. ChemistrySelect, 2018, 3, .	1.5	18
28	Biogenic Selenium Nanoparticles: A Fine Characterization to Unveil Their Thermodynamic Stability. Nanomaterials, 2021, 11, 1195.	4.1	18
29	Tunable photoluminescence properties of selenium nanoparticles: biogenic versus chemogenic synthesis. Nanophotonics, 2020, 9, 3615-3628.	6.0	16
30	Flavonoids in Lemon and Grapefruit IntegroPectin**. ChemistryOpen, 2021, 10, 1055-1058.	1.9	14
31	Interaction of Rhodococcus with Metals and Biotechnological Applications. Microbiology Monographs, 2019, , 333-357.	0.6	11
32	A combined physicalâ€“chemical and microbiological approach to unveil the fabrication, provenance, and state of conservation of the Kinkarakawa-gami art. Scientific Reports, 2020, 10, 16072.	3.3	11
33	Antibacterial PEGylated Solid Lipid Microparticles for Cosmeceutical Purpose: Formulation, Characterization, and Efficacy Evaluation. Materials, 2020, 13, 2073.	2.9	11
34	Cross-linked natural IntegroPectin films from citrus biowaste with intrinsic antimicrobial activity. Cellulose, 2022, 29, 5779-5802.	4.9	11
35	Lipid Nanocarriers-Loaded Nanocomposite as a Suitable Platform to Release Antibacterial and Antioxidant Agents for Immediate Dental Implant Placement Restorative Treatment. Pharmaceutics, 2021, 13, 2072.	4.5	10
36	Microbial-Based Bioremediation of Selenium and Tellurium Compounds. , 0, , .		9

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37	Untargeted Metabolomics Investigation on Selenite Reduction to Elemental Selenium by Bacillus mycoides SelTE01. Frontiers in Microbiology, 2021, 12, 711000.	3.5	6
38	Conservation state of two paintings in the Santa Margherita cliff cave: role of the environment and of the microbial community. Environmental Science and Pollution Research, 2022, 29, 29510-29523.	5.3	6