

Anna Maria Sanangelantoni

List of Publications by Year in descending order

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29
papers

699
citations

623734

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552781

26
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29
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docs citations

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times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined application of Triton X-100 and Sinorhizobium sp. Pb002 inoculum for the improvement of lead phytoextraction by Brassica juncea in EDTA amended soil. Chemosphere, 2006, 63, 293-299.	8.2	89
2	Culturable endophytic bacteria enhance Ni translocation in the hyperaccumulator Noccaea caerulea. Chemosphere, 2014, 117, 538-544.	8.2	68
3	Properties and Reactivity of Myoglobin Reconstituted with Chemically Modified Protohemins. Biochemistry, 2000, 39, 9571-9582.	2.5	59
4	16S rDNA Profiling to Reveal the Influence of Seed-Applied Biostimulants on the Rhizosphere of Young Maize Plants. Molecules, 2018, 23, 1461.	3.8	49
5	Characterization and Peroxidase Activity of a Myoglobin Mutant Containing a Distal Arginine. ChemBioChem, 2002, 3, 226-233.	2.6	48
6	A metaproteomic approach dissecting major bacterial functions in the rhizosphere of plants living in serpentine soil. Analytical and Bioanalytical Chemistry, 2017, 409, 2327-2339.	3.7	46
7	Phylogenetic depth of Thermotoga maritima inferred from analysis of the fus gene: Amino acid sequence of elongation factor G and organization of the Thermotoga str operon. Journal of Molecular Evolution, 1991, 33, 142-151.	1.8	43
8	PGPB Colonizing Three-Year Biochar-Amended Soil: Towards Biochar-Mediated Biofertilization. Journal of Soil Science and Plant Nutrition, 2019, 19, 841-850.	3.4	41
9	Engineering peroxidase activity in myoglobin: the haem cavity structure and peroxide activation in the T67R/S92D mutant and its derivative reconstituted with protohaemin-I-histidine. Biochemical Journal, 2004, 377, 717-724.	3.7	38
10	Easy Oxidation and Nitration of Human Myoglobin by Nitrite and Hydrogen Peroxide. Chemistry - A European Journal, 2006, 12, 749-757.	3.3	37
11	Ag-functionalized nanocrystalline cellulose for paper preservation and strengthening. Carbohydrate Polymers, 2020, 231, 115773.	10.2	29
12	Cloning and nucleotide sequence of an archaeobacterial glutamine synthetase gene: Phylogenetic implications. Molecular Genetics and Genomics, 1990, 221, 187-194.	2.4	28
13	Catalytic activity, stability, unfolding, and degradation pathways of engineered and reconstituted myoglobins. Journal of Biological Inorganic Chemistry, 2005, 10, 11-24.	2.6	20
14	Groundwater characterization from an ecological and human perspective: an interdisciplinary approach in the Functional Urban Area of Parma, Italy. Rendiconti Lincei, 2019, 30, 93-108.	2.2	18
15	Above and belowground biodiversity in adjacent and distinct serpentine soils. Applied Soil Ecology, 2019, 133, 98-103.	4.3	14
16	A novel Î²-propeller phytase from the dioxin-degrading bacterium Sphingomonas wittichii RW-1. Applied Microbiology and Biotechnology, 2018, 102, 8351-8358.	3.6	12
17	Organization and nucleotide sequence of the genes for ribosomal protein S2 and elongation factor Ts in Spirulina Platensis. FEMS Microbiology Letters, 1990, 66, 141-145.	1.8	10
18	ESEM-EDS: In vivo characterization of the Ni hyperaccumulator Noccaea caerulea. Micron, 2015, 75, 18-26.	2.2	9

#	ARTICLE	IF	CITATIONS
19	Studying Hydraulic Interconnections in Low-Permeability Media by Using Bacterial Communities as Natural Tracers. <i>Water (Switzerland)</i> , 2020, 12, 1795.	2.7	8
20	A Real-Time PCR/SYBR Green I Method for the Rapid Quantification of <i>Salmonella enterica</i> in Poultry Meat. <i>Food Analytical Methods</i> , 2013, 6, 1004-1015.	2.6	7
21	Coupled Microbiological-Isotopic Approach for Studying Hydrodynamics in Deep Reservoirs: The Case of the Val d'Agri Oilfield (Southern Italy). <i>Water (Switzerland)</i> , 2020, 12, 1483.	2.7	7
22	Simultaneous enumeration of <i>Campylobacter jejuni</i> and <i>Salmonella enterica</i> genome equivalents by melting curve analysis following duplex real time PCR in the presence of SYBR Green. <i>LWT - Food Science and Technology</i> , 2018, 93, 542-548.	5.2	5
23	Hydrogeological Behaviour and Geochemical Features of Waters in Evaporite-Bearing Low-Permeability Successions: A Case Study in Southern Sicily, Italy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8177.	2.5	4
24	A first list of cyanobacterial genes sequenced or expressed. <i>Plant Molecular Biology Reporter</i> , 1987, 5, 371-379.	1.8	3
25	Immunological heterogeneity of archaeobacterial protein synthesis elongation factors Tu (EF-Tu). <i>FEMS Microbiology Letters</i> , 1988, 51, 129-134.	1.8	3
26	How do turbidite systems behave from the hydrogeological point of view? New insights and open questions coming from an interdisciplinary work in southern Italy. <i>PLoS ONE</i> , 2022, 17, e0268252.	2.5	3
27	Comparison of Bacterial and Archaeal Microbiome in Two Bioreactors Fed with Cattle Sewage and Corn Biomass. <i>Waste and Biomass Valorization</i> , 0, , .	3.4	1
28	Construction of a cosmid library of <i>Spirulina platensis</i> as an approach to DNA physical mapping. <i>FEMS Microbiology Letters</i> , 1985, 30, 239-244.	1.8	0
29	Coupling Flow Analysis With Geochemical and Microbiological Analyses to Assess the Bioremediation Feasibility of a Contaminated Aquifer. , 2016, 26, 109-129.		0