

Marta S P Carepo

List of Publications by Year in descending order

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39
papers

1,007
citations

623188

14
h-index

414034

32
g-index

40
all docs

40
docs citations

40
times ranked

1142
citing authors

#	ARTICLE	IF	CITATIONS
1	Swine and Poultry Pathogens: the Complete Genome Sequences of Two Strains of <i>Mycoplasma hyopneumoniae</i> and a Strain of <i>Mycoplasma synoviae</i> . <i>Journal of Bacteriology</i> , 2005, 187, 5568-5577.	1.0	289
2	^{17}O ENDOR Detection of a Solvent-Derived $\text{Ni}^{\text{II}}(\text{OH})_2\text{-Fe}$ Bridge That Is Lost upon Activation of the Hydrogenase from <i>Desulfovibrio gigas</i> . <i>Journal of the American Chemical Society</i> , 2002, 124, 281-286.	6.6	132
3	^{57}Fe Q-Band Pulsed ENDOR of the Hetero-Dinuclear Site of Nickel Hydrogenase: A Comparison of the NiA, NiB, and NiC States. <i>Journal of the American Chemical Society</i> , 1997, 119, 9291-9292.	6.6	103
4	Genome Sequence of <i>Exiguobacterium antarcticum</i> B7, Isolated from a Biofilm in Ginger Lake, King George Island, Antarctica. <i>Journal of Bacteriology</i> , 2012, 194, 6689-6690.	1.0	60
5	Isolation and Characterisation of a Novel Sulphate-reducing Bacterium of the <i>Desulfovibrio</i> Genus. <i>Anaerobe</i> , 1998, 4, 117-130.	1.0	53
6	Source and reduction of nitrous oxide. <i>Coordination Chemistry Reviews</i> , 2019, 387, 436-449.	9.5	53
7	Hydrogen metabolism in <i>Desulfovibrio desulfuricans</i> strain New Jersey (NCIMB 8313) – comparative study with <i>D. vulgaris</i> and <i>D. gigas</i> species. <i>Anaerobe</i> , 2002, 8, 325-332.	1.0	32
8	Identification of <i>Chromobacterium violaceum</i> genes with potential biotechnological application in environmental detoxification. <i>Genetics and Molecular Research</i> , 2004, 3, 181-94.	0.3	30
9	Molybdenum Induces the Expression of a Protein Containing a New Heterometallic Mo-Fe Cluster in <i>Desulfovibrio alaskensis</i> . <i>Biochemistry</i> , 2009, 48, 873-882.	1.2	25
10	Hydroxyl Radical Generation and DNA Nuclease Activity: A Mechanistic Study Based on a Surface-Immobilized Copper Thioether Clip Phen Derivative. <i>Chemistry - A European Journal</i> , 2016, 22, 10081-10089.	1.7	23
11	Mo-Cu metal cluster formation and binding in an orange protein isolated from <i>Desulfovibrio gigas</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 605-614.	1.1	22
12	Omics profiles used to evaluate the gene expression of <i>Exiguobacterium antarcticum</i> B7 during cold adaptation. <i>BMC Genomics</i> , 2014, 15, 986.	1.2	21
13	NMR assignment of the apo-form of a <i>Desulfovibrio gigas</i> protein containing a novel Mo-Cu cluster. <i>Biomolecular NMR Assignments</i> , 2007, 1, 81-83.	0.4	16
14	<i>Chromobacterium violaceum</i> : Important Insights for Virulence and Biotechnological Potential by Exoproteomic Studies. <i>Current Microbiology</i> , 2013, 67, 100-106.	1.0	16
15	Incorporation of molybdenum in rubredoxin: models for mononuclear molybdenum enzymes. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 821-829.	1.1	12
16	A spectroelectrochemical investigation of the heme-based sensor DevS from <i>Mycobacterium tuberculosis</i> : a redox versus oxygen sensor. <i>FEBS Journal</i> , 2019, 286, 4278-4293.	2.2	11
17	Ascorbyl and hydroxyl radical generation mediated by a copper complex adsorbed on gold. <i>Dalton Transactions</i> , 2019, 48, 14128-14137.	1.6	11
18	Gene expression of the arsenic resistance operon in <i>Chromobacterium violaceum</i> ATCC 12472. <i>Canadian Journal of Microbiology</i> , 2008, 54, 137-142.	0.8	10

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19	The Heme-Based Oxygen Sensor Rhizobium etli FixL: Influence of Auxiliary Ligands on Heme Redox Potential and Implications on the Enzyme Activity. <i>Journal of Inorganic Biochemistry</i> , 2016, 164, 34-41.	1.5	10
20	Nitrate-nitrite fate and oxygen sensing in dormant <i>Mycobacterium tuberculosis</i> : A bioinorganic approach highlighting the importance of transition metals. <i>Coordination Chemistry Reviews</i> , 2020, 423, 213476.	9.5	8
21	Rearrangement of Mo-Cu Cluster Reflects the Structural Instability of Orange Protein Cofactor. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1361-1364.	0.6	7
22	Magnetic nanoparticles as a support for a copper (II) complex with nuclease activity. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 294-300.	1.5	7
23	Insights into signal transduction by a hybrid FixL: Denaturation study of on and off states of a multi-domain oxygen sensor. <i>Journal of Inorganic Biochemistry</i> , 2017, 172, 129-137.	1.5	6
24	Proteomics Analysis of the Effects of Cyanate on <i>Chromobacterium violaceum</i> Metabolism. <i>Genes</i> , 2011, 2, 736-747.	1.0	5
25	ArsC3 from <i>Desulfovibrio alaskensis</i> G20, a cation and sulfate-independent highly efficient arsenate reductase. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 1277-1285.	1.1	5
26	Exposure to an extremely low-frequency electromagnetic field only slightly modifies the proteome of <i>Chromobacterium violaceum</i> ATCC 12472. <i>Genetics and Molecular Biology</i> , 2015, 38, 227-230.	0.6	5
27	Reconstruction of the Fatty Acid Biosynthetic Pathway of <i>Exiguobacterium antarcticum</i> B7 Based on Genomic and Bibliomic Data. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	5
28	Orange protein from <i>Desulfovibrio alaskensis</i> G20: insights into the Mo-Cu cluster protein-assisted synthesis. <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 53-62.	1.1	5
29	Resonance assignment of DVU2108 that is part of the Orange Protein complex in <i>Desulfovibrio vulgaris</i> Hildenborough. <i>Biomolecular NMR Assignments</i> , 2016, 10, 117-120.	0.4	5
30	Ligand accessibility to heme cytochrome b5 coordinating sphere and enzymatic activity enhancement upon tyrosine ionization. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 317-330.	1.1	4
31	Isolation and characterization of a new Cu-Fe protein from <i>Desulfovibrio aminophilus</i> DSM12254. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1314-1322.	1.5	3
32	De novo synthesis of fatty acids is regulated by FapR protein in <i>Exiguobacterium antarcticum</i> B7, a psychrotrophic bacterium isolated from Antarctica. <i>BMC Research Notes</i> , 2016, 9, 447.	0.6	3
33	Fluorescence anisotropy of fluorescein derivative varies according to pH: Lessons for binding studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 372, 59-62.	2.0	3
34	Structural redox control in a 7Fe ferredoxin isolated from <i>Desulfovibrio alaskensis</i> . <i>Bioelectrochemistry</i> , 2011, 82, 22-28.	2.4	2
35	Vestigialization of arsenic resistance phenotypes/genotypes in <i>Chromobacterium violaceum</i> strains thriving in pristine Brazilian sites. <i>Biocatalysis and Biotransformation</i> , 2013, 31, 281-291.	1.1	2
36	Small phospho-donors phosphorylate MorR without inducing protein conformational changes. <i>Biophysical Chemistry</i> , 2018, 240, 25-33.	1.5	1

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37	Effect of Crotalus basiliscus snake venom on the redox reaction of myoglobin. Journal of Biological Inorganic Chemistry, 2019, 24, 171-178.	1.1	1
38	5. The Tetranuclear Copper-Sulfide Center of Nitrous Oxide Reductase. , 2020, 20, 139-164.		1
39	The application of low angle light scattering to evaluate qualitatively and quantitatively the dynamics of formation of oligomers in heme protein sensors. , 2016, , .		0