

Marta S P Carepo

List of Publications by Year in descending order

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39
papers

1,007
citations

623734

14
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414414

32
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40
all docs

40
docs citations

40
times ranked

1142
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	18.8	8
2	5. The Tetranuclear Copper-Sulfide Center of Nitrous Oxide Reductase. , 2020, 20, 139-164.		1
3	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.	4.7	11
4	Ascorbyl and hydroxyl radical generation mediated by a copper complex adsorbed on gold. <i>Dalton Transactions</i> , 2019, 48, 14128-14137.	3.3	11
5	Effect of <i>Crotalus basiliscus</i> snake venom on the redox reaction of myoglobin. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 171-178.	2.6	1
6	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.	2.6	4
7	Source and reduction of nitrous oxide. <i>Coordination Chemistry Reviews</i> , 2019, 387, 436-449.	18.8	53
8	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.	3.9	3
9	Magnetic nanoparticles as a support for a copper (II) complex with nuclease activity. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 294-300.	3.5	7
10	Small phospho-donors phosphorylate MorR without inducing protein conformational changes. <i>Biophysical Chemistry</i> , 2018, 240, 25-33.	2.8	1
11	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.	3.5	6
12	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.	1.9	5
13	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.	1.4	3
14	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.	3.3	23
15	The Heme-Based Oxygen Sensor <i>Rhizobium etli</i> 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.	3.5	10
16	The application of low angle light scattering to evaluate qualitatively and quantitatively the dynamics of formation of oligomers in heme protein sensors. , 2016, , .		0
17	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.	2.6	5
18	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.	0.8	5

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19	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.	1.3	5
20	Incorporation of molybdenum in rubredoxin: models for mononuclear molybdenum enzymes. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 821-829.	2.6	12
21	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.	2.6	5
22	Omics profiles used to evaluate the gene expression of <i>Exiguobacterium antarcticum</i> B7 during cold adaptation. <i>BMC Genomics</i> , 2014, 15, 986.	2.8	21
23	Mo-Fe-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.	2.6	22
24	<i>Chromobacterium violaceum</i> : Important Insights for Virulence and Biotechnological Potential by Exoproteomic Studies. <i>Current Microbiology</i> , 2013, 67, 100-106.	2.2	16
25	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.	2.0	2
26	Rearrangement of Mo-Fe-Cu Cluster Reflects the Structural Instability of Orange Protein Cofactor. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1361-1364.	1.2	7
27	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.	2.2	60
28	Proteomics Analysis of the Effects of Cyanate on <i>Chromobacterium violaceum</i> Metabolism. <i>Genes</i> , 2011, 2, 736-747.	2.4	5
29	Structural redox control in a 7Fe ferredoxin isolated from <i>Desulfovibrio alaskensis</i> . <i>Bioelectrochemistry</i> , 2011, 82, 22-28.	4.6	2
30	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.	3.5	3
31	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.	2.5	25
32	Gene expression of the arsenic resistance operon in <i>Chromobacterium violaceum</i> ATCC 12472. <i>Canadian Journal of Microbiology</i> , 2008, 54, 137-142.	1.7	10
33	NMR assignment of the apo-form of a <i>Desulfovibrio gigas</i> protein containing a novel Mo-Fe-Cu cluster. <i>Biomolecular NMR Assignments</i> , 2007, 1, 81-83.	0.8	16
34	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.	2.2	289
35	Identification of <i>Chromobacterium violaceum</i> genes with potential biotechnological application in environmental detoxification. <i>Genetics and Molecular Research</i> , 2004, 3, 181-94.	0.2	30
36	¹⁷ O ENDOR Detection of a Solvent-Derived Ni ²⁺ (OH) ⁻ -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.	13.7	132

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37	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.	2.1	32
38	Isolation and Characterisation of a Novel Sulphate-reducing Bacterium of the <i>Desulfovibrio</i> Genus. <i>Anaerobe</i> , 1998, 4, 117-130.	2.1	53
39	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.	13.7	103