

Maria teresa Cambria

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

807
citations

15
h-index

26
g-index

26
ext. papers

900
ext. citations

5.4
avg, IF

3.39
L-index

#	Paper	IF	Citations
24	The structure of Rigidoporus lignosus Laccase containing a full complement of copper ions, reveals an asymmetrical arrangement for the T3 copper pair. <i>Journal of Molecular Biology</i> , 2004 , 342, 1519-31	6.5	127
23	Curcumin and the cellular stress response in free radical-related diseases. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 1062-73	5.9	115
22	Neuroinflammation and neurohormesis in the pathogenesis of Alzheimer's disease and Alzheimer-linked pathologies: modulation by nutritional mushrooms. <i>Immunity and Ageing</i> , 2018 , 15, 8	9.7	86
21	A high sensitivity amperometric biosensor using a monomolecular layer of laccase as biorecognition element. <i>Biosensors and Bioelectronics</i> , 2004 , 20, 315-21	11.8	73
20	A high sensitivity amperometric biosensor using laccase as biorecognition element. <i>Biosensors and Bioelectronics</i> , 2006 , 21, 2155-60	11.8	66
19	Docking simulation and competitive experiments validate the interaction between the 2,5-xylydine inhibitor and Rigidoporus lignosus laccase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2010 , 27, 501-10	3.6	49
18	Cellular stress response, sirtuins and UCP proteins in Alzheimer disease: role of vitagenes. <i>Immunity and Ageing</i> , 2013 , 10, 41	9.7	43
17	Pericytes in Microvessels: From "Mural" Function to Brain and Retina Regeneration. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	40
16	Degradation of polycyclic aromatic hydrocarbons by Rigidoporus lignosus and its laccase in the presence of redox mediators. <i>Applied Biochemistry and Biotechnology</i> , 2008 , 149, 1-8	3.2	31
15	Enhanced laccase production in white-rot fungus Rigidoporus lignosus by the addition of selected phenolic and aromatic compounds. <i>Applied Biochemistry and Biotechnology</i> , 2011 , 163, 415-22	3.2	29
14	Cu,Zn superoxide dismutase from Photobacterium leiognathi is an hyperefficient enzyme. <i>Biochemistry</i> , 1998 , 37, 12287-92	3.2	27
13	Structure-activity relationship on fungal laccase from Rigidoporus lignosus: a Fourier-transform infrared spectroscopic study. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002 , 1601, 155-62 ⁴		23
12	In silico study of structural determinants modulating the redox potential of Rigidoporus lignosus and other fungal laccases. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012 , 30, 89-101	3.6	18
11	Recombinant laccase: I. Enzyme cloning and characterization. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 599-605	4.7	17
10	Spectroscopic and molecular dynamics simulation studies of the interaction of insulin with glucose. <i>International Journal of Biological Macromolecules</i> , 2001 , 29, 161-8	7.9	17
9	Anti-angiogenic effect of quercetin and its 8-methyl pentamethyl ether derivative in human microvascular endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 6565-6577	5.6	14
8	Effect of acidic phospholipids on the structural properties of recombinant cytosolic human glyoxalase II. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002 , 48, 126-33	4.2	7

7	The double effect of walnut septum extract (<i>Juglans regia</i> L.) counteracts A172 glioblastoma cell survival and bacterial growth. <i>International Journal of Oncology</i> , 2020 , 57, 1129-1144	4.4	7
6	Properties of purified cytosolic isoenzyme I of Cu,Zn-superoxide dismutase from <i>Nicotiana plumbaginifolia</i> leaves. <i>Protein Expression and Purification</i> , 2001 , 23, 261-9	2	6
5	Aerobic Exercise and Metabolic Syndrome: The Role of Sympathetic Activity and the Redox System. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020 , 13, 2433-2442	3.4	3
4	Synthesis of MIL-Modified FeO Magnetic Nanoparticles for Enhancing Uptake and Efficiency of Temozolomide in Glioblastoma Treatment.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	3
3	Kinetic role of a histidine residue in the T1 copper site of the laccase from <i>Rigidoporus lignosus</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 99, 34-42		2
2	The Interplay between FeO Superparamagnetic Nanoparticles, Sodium Butyrate, and Folic Acid for Intracellular Transport. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
1	Bone morphogenic protein BMP7 induces adipocyte differentiation and uncoupling protein UCP1 expression in human bone marrow mesenchymal stem cells. <i>Rendiconti Lincei</i> , 2017 , 28, 635-641	1.7	1