

Maria Isabel Gonzalez Sanchez

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/5932214/maria-isabel-gonzalez-sanchez-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

13
papers

272
citations

10
h-index

13
g-index

13
ext. papers

299
ext. citations

6.8
avg, IF

2.8
L-index

#	Paper	IF	Citations
13	Silver nanoparticle based antibacterial methacrylate hydrogels potential for bone graft applications. <i>Materials Science and Engineering C</i> , 2015 , 50, 332-40	8.3	81
12	Electrochemical detection of extracellular hydrogen peroxide in Arabidopsis thaliana: a real-time marker of oxidative stress. <i>Plant, Cell and Environment</i> , 2013 , 36, 869-78	8.4	31
11	Development of an acetaminophen amperometric biosensor based on peroxidase entrapped in polyacrylamide microgels. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 1883-9	11.8	28
10	Mechanism of acetaminophen oxidation by the peroxidase-like activity of methemoglobin. <i>Chemical Research in Toxicology</i> , 2009 , 22, 1841-50	4	20
9	Modeling the ascorbate-glutathione cycle in chloroplasts under light/dark conditions. <i>BMC Systems Biology</i> , 2016 , 10, 11	3.5	19
8	Computer simulation of the dynamic behavior of the glutathione-ascorbate redox cycle in chloroplasts. <i>Plant Physiology</i> , 2009 , 149, 1958-69	6.6	19
7	In situ detection of salicylate in <i>Ocimum basilicum</i> plant leaves via reverse iontophoresis. <i>Chemical Communications</i> , 2015 , 51, 16534-6	5.8	15
6	Halogen mediated voltammetric oxidation of biological thiols and disulfides. <i>Analyst, The</i> , 2016 , 141, 144-9	5	13
5	Biocatalytic oxidation of phenolic compounds by bovine methemoglobin in the presence of H ₂ O ₂ : quantitative structure-activity relationships. <i>Journal of Hazardous Materials</i> , 2012 , 241-242, 207-15	12.8	13
4	Catalase-like activity of human methemoglobin: a kinetic and mechanistic study. <i>Archives of Biochemistry and Biophysics</i> , 2011 , 516, 10-20	4.1	12
3	Fluorescence decrease of conjugated polymers by the catalytic activity of horseradish peroxidase and its application in phenolic compounds detection. <i>Biomacromolecules</i> , 2011 , 12, 1332-8	6.9	9
2	Obtaining new composite biomaterials by means of mineralization of methacrylate hydrogels using the reaction-diffusion method. <i>Materials Science and Engineering C</i> , 2014 , 42, 696-704	8.3	7
1	Searching for the fluorescence quenching mechanism of conjugated polymers by cytochrome c. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 510, 300-308	5.1	5