

# Maria Isabel Gonzalez Sanchez

## List of Publications by Year in Descending Order

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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.

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