

# Marta Marn-Surez

## 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.

13  
papers

254  
citations

8  
h-index

13  
g-index

13  
ext. papers

297  
ext. citations

5.6  
avg, IF

2.89  
L-index

#	Paper	IF	Citations
13	Nanocomposites Containing Neutral Blue Emitting Cyclometalated Iridium(III) Emitters for Oxygen Sensing. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 2330-2338	9.6	60
12	Reuse of immobilized lipases in the transesterification of waste fish oil for the production of biodiesel. <i>Renewable Energy</i> , <b>2019</b> , 140, 1-8	8.1	46
11	Direct observation of reversible electronic energy transfer involving an iridium center. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 2677-82	5.1	43
10	In vitro oxygen sensing using intraocular microrobots. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2012</b> , 59, 3104-9	5	34
9	High performance optical oxygen sensors based on iridium complexes exhibiting interchromophore energy shuttling. <i>Analyst, The</i> , <b>2016</b> , 141, 3090-7	5	17
8	High performance optical sensing nanocomposites for low and ultra-low oxygen concentrations using phase-shift measurements. <i>Analyst, The</i> , <b>2013</b> , 138, 4607-17	5	16
7	Electrophoretic deposition as a new approach to produce optical sensing films adaptable to microdevices. <i>Nanoscale</i> , <b>2014</b> , 6, 263-71	7.7	10
6	Improved multifrequency phase-modulation method that uses rectangular-wave signals to increase accuracy in luminescence spectroscopy. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 5245-56	7.8	10
5	Atom-Transfer Radical Polymerisation (ATRP) as a Tool for the Development of Optical Sensing Phases. <i>Israel Journal of Chemistry</i> , <b>2012</b> , 52, 264-275	3.4	6
4	Iridium Complexes in the Development of Optical Sensors <b>2017</b> , 479-539		4
3	A Simple Enzymatic Process to Produce Functional Lipids From Vegetable and Fish Oil Mixtures. <i>European Journal of Lipid Science and Technology</i> , <b>2017</b> , 119, 1700233	3	4
2	Production and characterization of ice cream with high content in oleic and linoleic fatty acids. <i>European Journal of Lipid Science and Technology</i> , <b>2016</b> , 118, 1846-1852	3	2
1	Modelling the size and polydispersity of magnetic hybrid nanoparticles for luminescent sensing of oxygen. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 1201-1209	5.8	2