

# Mara Dolores Fernandez Ramos

## 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.

10  
papers

108  
citations

7  
h-index

10  
g-index

10  
ext. papers

156  
ext. citations

6.1  
avg, IF

2.34  
L-index

#	Paper	IF	Citations
10	Phosphorescent sensing of carbon dioxide based on secondary inner-filter quenching. <i>Analytica Chimica Acta</i> , <b>2009</b> , 655, 66-74	6.6	29
9	An IUPAC-based approach to estimate the detection limit in co-extraction-based optical sensors for anions with sigmoidal response calibration curves. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 401, 2881-9	4.4	22
8	Smart facemask for wireless CO monitoring.. <i>Nature Communications</i> , <b>2022</b> , 13, 72	17.4	14
7	Optical sensor for carbon dioxide gas determination, characterization and improvements. <i>Talanta</i> , <b>2014</b> , 126, 196-201	6.2	11
6	Bioactive microfluidic paper device for pesticide determination in waters. <i>Talanta</i> , <b>2020</b> , 218, 121108	6.2	8
5	Optical portable instrument for the determination of CO in indoor environments. <i>Talanta</i> , <b>2020</b> , 208, 120387	6.2	8
4	Ionic liquids on optical sensors for gaseous carbon dioxide. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 5931-5939	4.4	7
3	NIR optical carbon dioxide gas sensor based on simple azaBODIPY pH indicators. <i>Analyst, The</i> , <b>2019</b> , 144, 3870-3877	5	6
2	Inkjet-printed O <sub>2</sub> gas sensors in intelligent packaging. <i>Analyst, The</i> , <b>2021</b> , 146, 3177-3184	5	2
1	Use of Optically Transparent Membranes for Preconcentration and Direct Phosphorimetric Determination of Pharmaceutical Flumequine. <i>Journal of Analytical Chemistry</i> , <b>2005</b> , 60, 1009-1013	1.1	1