

# Rocio Barros Garcia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2582711/publications.pdf>

Version: 2024-02-01

11  
papers

315  
citations

1162367

8  
h-index

1372195

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ornamental plants for the phytoremediation of heavy metals: Present knowledge and future perspectives. <i>Environmental Research</i> , 2021, 195, 110780.	3.7	84
2	APEX simulation of best irrigation and N management strategies for off-site N pollution control in three Mediterranean irrigated watersheds. <i>Agricultural Water Management</i> , 2012, 103, 88-99.	2.4	48
3	Three study decades on irrigation performance and salt concentrations and loads in the irrigation return flows of La Violada irrigation district (Spain). <i>Agriculture, Ecosystems and Environment</i> , 2012, 151, 44-52.	2.5	44
4	Irrigation management, nitrogen fertilization and nitrogen losses in the return flows of La Violada irrigation district (Spain). <i>Agriculture, Ecosystems and Environment</i> , 2012, 155, 161-171.	2.5	37
5	Evaluation of biostimulation, bioaugmentation, and organic amendments application on the bioremediation of recalcitrant hydrocarbons of soil. <i>Chemosphere</i> , 2022, 307, 135638.	4.2	34
6	Long-term water balances in La Violada Irrigation District (Spain): II. Analysis of irrigation performance. <i>Agricultural Water Management</i> , 2011, 98, 1569-1576.	2.4	25
7	Long-term water balances in La Violada irrigation district (Spain): I. Sequential assessment and minimization of closing errors. <i>Agricultural Water Management</i> , 2011, 102, 35-45.	2.4	23
8	Additivation of MoS <sub>2</sub> nanosheets to synthetic poly-alpha-olefins base oils: A theoretical study of nanolubrication. <i>Journal of Molecular Liquids</i> , 2021, 332, 115881.	2.3	9
9	In vitro safety evaluation of rare earth-lean alloys for permanent magnets manufacturing. <i>Scientific Reports</i> , 2021, 11, 12633.	1.6	6
10	A theoretical study on CO <sub>2</sub> at Li <sub>4</sub> SiO <sub>4</sub> and Li <sub>3</sub> NaSi <sub>4</sub> surfaces. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13678-13689.	1.3	5
11	GOOD PRACTICE BASED UPON SEMI-DIRECTED ENQUIRY AND PROBLEM-BASED LEARNING IN THE APPLICATION OF THE SCIENTIFIC METHOD: "PLANTS FEED, HEAL AND PURIFY: TRANSGENICS AND THEIR IMPLICATIONS". <i>INTED Proceedings</i> , 2022, , .	0.0	0