

# Laura Sanchez-Martin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3238033/publications.pdf>

Version: 2024-02-01

19  
papers

1,413  
citations

535685

17  
h-index

889612

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Postfire nitrogen balance of Mediterranean shrublands: Direct combustion losses versus gaseous and leaching losses from the postfire soil mineral nitrogen flush. <i>Global Change Biology</i> , 2018, 24, 4505-4520.	4.2	29
2	Urea-based fertilization strategies to reduce yield-scaled N oxides and enhance bread-making quality in a rainfed Mediterranean wheat crop. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 421-431.	2.5	45
3	Diet management to effectively abate N <sub>2</sub> O emissions from surface applied pig slurry. <i>Agriculture, Ecosystems and Environment</i> , 2017, 239, 1-11.	2.5	14
4	Nitrogen soil emissions and belowground plant processes in Mediterranean annual pastures are altered by ozone exposure and N-inputs. <i>Atmospheric Environment</i> , 2017, 165, 12-22.	1.9	11
5	Soil moisture determines the effectiveness of two urease inhibitors to decrease N <sub>2</sub> O emission. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2016, 21, 1131.	1.0	27
6	Nitrous oxide and methane emissions from a surface drip-irrigated system combined with fertilizer management. <i>European Journal of Soil Science</i> , 2014, 65, 386-395.	1.8	26
7	Management of irrigation frequency and nitrogen fertilization to mitigate GHG and NO emissions from drip-fertigated crops. <i>Science of the Total Environment</i> , 2014, 490, 880-888.	3.9	111
8	Current ozone levels threaten gross primary production and yield of Mediterranean annual pastures and nitrogen modulates the response. <i>Atmospheric Environment</i> , 2014, 95, 197-206.	1.9	32
9	Gaseous emissions of N <sub>2</sub> O and NO and NO <sub>3</sub> <sup>-</sup> leaching from urea applied with urease and nitrification inhibitors to a maize ( <i>Zea mays</i> ) crop. <i>Agriculture, Ecosystems and Environment</i> , 2012, 149, 64-73.	2.5	173
10	Combination of drip irrigation and organic fertilizer for mitigating emissions of nitrogen oxides in semiarid climate. <i>Agriculture, Ecosystems and Environment</i> , 2010, 137, 99-107.	2.5	98
11	Carbon dioxide and methane fluxes from a barley field amended with organic fertilizers under Mediterranean climatic conditions. <i>Plant and Soil</i> , 2010, 328, 353-367.	1.8	43
12	Residual effect of organic carbon as a tool for mitigating nitrogen oxides emissions in semi-arid climate. <i>Plant and Soil</i> , 2010, 326, 137-145.	1.8	23
13	The importance of the fallow period for N <sub>2</sub> O and CH <sub>4</sub> fluxes and nitrate leaching in a Mediterranean irrigated agroecosystem. <i>European Journal of Soil Science</i> , 2010, 61, 710-720.	1.8	45
14	The influence of soluble carbon and fertilizer nitrogen on nitric oxide and nitrous oxide emissions from two contrasting agricultural soils. <i>Soil Biology and Biochemistry</i> , 2008, 40, 142-151.	4.2	127
15	Influence of drip and furrow irrigation systems on nitrogen oxide emissions from a horticultural crop. <i>Soil Biology and Biochemistry</i> , 2008, 40, 1698-1706.	4.2	92
16	Nitrogen oxide emissions from an irrigated maize crop amended with treated pig slurries and composts in a Mediterranean climate. <i>Agriculture, Ecosystems and Environment</i> , 2007, 121, 383-394.	2.5	166
17	Nitrogen oxides emission from soils bearing a potato crop as influenced by fertilization with treated pig slurries and composts. <i>Soil Biology and Biochemistry</i> , 2006, 38, 2782-2793.	4.2	149
18	A novel approach to improve specificity of algal biosensors using wild-type and resistant mutants: an application to detect TNT. <i>Biosensors and Bioelectronics</i> , 2004, 19, 1319-1323.	5.3	58

#	ARTICLE	IF	CITATIONS
19	Occurrence of copper resistant mutants in the toxic cyanobacteria <i>Microcystis aeruginosa</i> : characterisation and future implications in the use of copper sulphate as algaecide. <i>Water Research</i> , 2004, 38, 2207-2213.	5.3	144