Laura Sanchez-Martin

List of Publications by Year
in descending order

19	1,413	471477 17	794568 19
papers	citations	h-index	g-index

19	19	19	1566
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gaseous emissions of N2O and NO and NO3â^' leaching from urea applied with urease and nitrification inhibitors to a maize (Zea mays) crop. Agriculture, Ecosystems and Environment, 2012, 149, 64-73.	5.3	173
2	Nitrogen oxide emissions from an irrigated maize crop amended with treated pig slurries and composts in a Mediterranean climate. Agriculture, Ecosystems and Environment, 2007, 121, 383-394.	5.3	166
3	Nitrogen oxides emission from soils bearing a potato crop as influenced by fertilization with treated pig slurries and composts. Soil Biology and Biochemistry, 2006, 38, 2782-2793.	8.8	149
4	Occurrence of copper resistant mutants in the toxic cyanobacteria Microcystis aeruginosa: characterisation and future implications in the use of copper sulphate as algaecide. Water Research, 2004, 38, 2207-2213.	11.3	144
5	The influence of soluble carbon and fertilizer nitrogen on nitric oxide and nitrous oxide emissions from two contrasting agricultural soils. Soil Biology and Biochemistry, 2008, 40, 142-151.	8.8	127
6	Management of irrigation frequency and nitrogen fertilization to mitigate GHG and NO emissions from drip-fertigated crops. Science of the Total Environment, 2014, 490, 880-888.	8.0	111
7	Combination of drip irrigation and organic fertilizer for mitigating emissions of nitrogen oxides in semiarid climate. Agriculture, Ecosystems and Environment, 2010, 137, 99-107.	5.3	98
8	Influence of drip and furrow irrigation systems on nitrogen oxide emissions from a horticultural crop. Soil Biology and Biochemistry, 2008, 40, 1698-1706.	8.8	92
9	A novel approach to improve specificity of algal biosensors using wild-type and resistant mutants: an application to detect TNT. Biosensors and Bioelectronics, 2004, 19, 1319-1323.	10.1	58
10	The importance of the fallow period for N₂O and CH₄ fluxes and nitrate leaching in a Mediterranean irrigated agroecosystem. European Journal of Soil Science, 2010, 61, 710-720.	3.9	45
11	Urea-based fertilization strategies to reduce yield-scaled N oxides and enhance bread-making quality in a rainfed Mediterranean wheat crop. Agriculture, Ecosystems and Environment, 2018, 265, 421-431.	5.3	45
12	Carbon dioxide and methane fluxes from a barley field amended with organic fertilizers under Mediterranean climatic conditions. Plant and Soil, 2010, 328, 353-367.	3.7	43
13	Current ozone levels threaten gross primary production and yield of Mediterranean annual pastures and nitrogen modulates the response. Atmospheric Environment, 2014, 95, 197-206.	4.1	32
14	Postfire nitrogen balance of Mediterranean shrublands: Direct combustion losses versus gaseous and leaching losses from the postfire soil mineral nitrogen flush. Global Change Biology, 2018, 24, 4505-4520.	9.5	29
15	Soil moisture determines the effectiveness of two urease inhibitors to decrease N2O emission. Mitigation and Adaptation Strategies for Global Change, 2016, 21, 1131.	2.1	27
16	Nitrous oxide and methane emissions from a surface dripâ€irrigated system combined with fertilizer management. European Journal of Soil Science, 2014, 65, 386-395.	3.9	26
17	Residual effect of organic carbon as a tool for mitigating nitrogen oxides emissions in semi-arid climate. Plant and Soil, 2010, 326, 137-145.	3.7	23
18	Diet management to effectively abate N 2 O emissions from surface applied pig slurry. Agriculture, Ecosystems and Environment, 2017, 239, 1-11.	5.3	14

#	Article	IF	Citations
19	Nitrogen soil emissions and belowground plant processes in Mediterranean annual pastures are altered by ozone exposure and N-inputs. Atmospheric Environment, 2017, 165, 12-22.	4.1	11