

Carmen Trasar-Cepeda

List of Publications by Year in descending order

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51
papers

3,498
citations

236925

25
h-index

243625

44
g-index

52
all docs

52
docs citations

52
times ranked

3906
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Composted Organic Wastes and Farmyard Manure for Improving Fertility of Poor Sandy Soils in Arid Regions. <i>Agriculture (Switzerland)</i> , 2021, 11, 415.	3.1	21
2	Environmental and ecological factors influencing soil functionality of biologically crusted soils by different lichen species in drylands. <i>Science of the Total Environment</i> , 2021, 794, 148491.	8.0	13
3	Ecotoxicological Evaluation of Ethylammonium Nitrate and Aluminium Salt Mixture. <i>Cells</i> , 2021, 3, 85.	4.1	0
4	Does Soil Organic Matter Affect the Impact of the Ionic Liquid Ethylammonium Nitrate in the Pure State and as Mixture with Lithium Salt on Basal Soil Respiration?. <i>Chemistry Proceedings</i> , 2021, 3, 93.	0.1	2
5	Use of soil enzyme activities to assess the recovery of soil functions in abandoned coppice forest systems. <i>Science of the Total Environment</i> , 2019, 694, 133692.	8.0	25
6	Effects of Three Ionic Liquids on Microbial Activity of an Organic Soil. <i>Microcalorimetric Study. Proceedings (mdpi)</i> , 2019, 9, 8.	0.2	0
7	Effects of Ethylimidazolium Nitrate and the Aluminum Nitrate Salt Mixtures on Germination of Three Forest Species. <i>Proceedings (mdpi)</i> , 2019, 41, .	0.2	0
8	Effect of waterlogging on soil biochemical properties and organic matter quality in different salt marsh systems. <i>Geoderma</i> , 2019, 338, 302-312.	5.1	15
9	Soil enzyme activity: a brief history and biochemistry as a basis for appropriate interpretations and meta-analysis. <i>Biology and Fertility of Soils</i> , 2018, 54, 11-19.	4.3	324
10	Extraction and quantification of chlorophenolate molecules in soils spiked with 2,4-dichlorophenol and 2,4,5-trichlorophenol. <i>Science of the Total Environment</i> , 2018, 616-617, 179-186.	8.0	10
11	Aided phytostabilisation reduces metal toxicity, improves soil fertility and enhances microbial activity in Cu-rich mine tailings. <i>Journal of Environmental Management</i> , 2017, 186, 301-313.	7.8	86
12	Relationships among bulk soil physicochemical, biochemical, and microbiological parameters in an organic alfalfa-rice rotation system. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11690-11699.	5.3	11
13	Capacity of biological soil crusts colonized by the lichen <i>Diploschistes</i> to metabolize simple phenols. <i>Plant and Soil</i> , 2014, 385, 229-240.	3.7	6
14	Labile carbon in biological soil crusts in the Tabernas desert, SE Spain. <i>Soil Biology and Biochemistry</i> , 2013, 58, 1-8.	8.8	57
15	Modification of enzymatic activity in soils of contrasting pH contaminated with 2,4-dichlorophenol and 2,4,5-trichlorophenol. <i>Soil Biology and Biochemistry</i> , 2013, 56, 80-86.	8.8	26
16	Validation and modification of the phosphorus loss index as applied to a small catchment. <i>Soil Use and Management</i> , 2013, 29, 114-123.	4.9	1
17	Effect of sawdust amendment on mineralization of organic nitrogen in a 2,4,5-trichlorophenol contaminated soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2013, , 0-0.	3.4	0
18	Sensitivity of soil respiration to moisture and temperature. <i>Journal of Soil Science and Plant Nutrition</i> , 2013, , 0-0.	3.4	21

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19	Effects of moisture and temperature on net soil nitrogen mineralization: A laboratory study. <i>European Journal of Soil Biology</i> , 2012, 48, 73-80.	3.2	226
20	Modifications of organic matter and enzymatic activities in response to change in soil use in semi-arid mountain ecosystems (southern Spain). <i>European Journal of Soil Science</i> , 2012, 63, 272-283.	3.9	15
21	Hydrolase enzyme activities in a successional gradient of biological soil crusts in arid and semi-arid zones. <i>Soil Biology and Biochemistry</i> , 2012, 53, 124-132.	8.8	68
22	Biological and microbial activity in biological soil crusts from the Tabernas desert, a sub-arid zone in SE Spain. <i>Soil Biology and Biochemistry</i> , 2012, 55, 113-121.	8.8	47
23	Comparative study of the microbial diversity of bulk paddy soil of two rice fields subjected to organic and conventional farming. <i>Soil Biology and Biochemistry</i> , 2011, 43, 115-125.	8.8	66
24	Intra-annual variation in biochemical properties and the biochemical equilibrium of different grassland soils under contrasting management and climate. <i>Biology and Fertility of Soils</i> , 2011, 47, 633-645.	4.3	53
25	Temporal Variability and the Effect of Fertilization on Biochemical Properties of a Grassland Soil from Galicia (NW Spain). <i>Environmental Science and Engineering</i> , 2011, , 119-132.	0.2	0
26	Laboratory Contamination with 2,4,5-Trichlorophenol: Effects on Some Enzymatic Activities in Two Forest and Two Agricultural Soils of Contrasting pH. <i>Environmental Science and Engineering</i> , 2011, , 219-229.	0.2	0
27	Changes in Some Hydrolase Activities in Agricultural Soils in Response to Zinc Contamination. <i>Environmental Science and Engineering</i> , 2011, , 181-193.	0.2	0
28	Temporal Changes in Some Enzymatic Activities in a Forest and an Agricultural Soils Artificially Contaminated with 2,4,5-Trichlorophenol. <i>Environmental Science and Engineering</i> , 2011, , 231-240.	0.2	0
29	Effect of management and climate on biochemical properties of grassland soils from Galicia (NW) Tj ETQq1 1 0.784314 rgBT JOverlod	3.2	31
30	CO2 emission from soils under different uses and flooding conditions. <i>Soil Biology and Biochemistry</i> , 2009, 41, 2598-2601.	8.8	10
31	Biochemical properties in managed grassland soils in a temperate humid zone: modifications of soil quality as a consequence of intensive grassland use. <i>Biology and Fertility of Soils</i> , 2009, 45, 711-722.	4.3	55
32	Effect of land use on some soil properties related to the risk of loss of soil phosphorus. <i>Land Degradation and Development</i> , 2008, 19, 21-35.	3.9	20
33	Hydrolytic enzyme activities in agricultural and forest soils. Some implications for their use as indicators of soil quality. <i>Soil Biology and Biochemistry</i> , 2008, 40, 2146-2155.	8.8	304
34	Biochemical properties of soils under crop rotation. <i>Applied Soil Ecology</i> , 2008, 39, 133-143.	4.3	52
35	Evaluation of various tests for the diagnosis of soil contamination by 2,4,5-trichlorophenol (2,4,5-TCP). <i>Environmental Pollution</i> , 2008, 156, 611-617.	7.5	25
36	Modification of the degradative capacity of a soil artificially contaminated with diesel. <i>Chemosphere</i> , 2007, 67, 1057-1063.	8.2	10

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37	Translocation of soils to stimulate climate change: CO ₂ emissions and modifications to soil organic matter. <i>European Journal of Soil Science</i> , 2007, 58, 1233-1243.	3.9	9
38	Suitability of the OCDE tests to estimate contamination with 2,4-dichlorophenol of soils from Galicia (NW Spain). <i>Science of the Total Environment</i> , 2007, 378, 58-62.	8.0	11
39	Biochemical properties of vineyard soils in Galicia, Spain. <i>Science of the Total Environment</i> , 2007, 378, 218-222.	8.0	32
40	Thermodynamic parameters of enzymes in grassland soils from Galicia, NW Spain. <i>Soil Biology and Biochemistry</i> , 2007, 39, 311-319.	8.8	141
41	Biochemical properties of range and forest soils in Mediterranean mountain environments. <i>Biology and Fertility of Soils</i> , 2007, 43, 721-729.	4.3	23
42	Different approaches to evaluating soil quality using biochemical properties. <i>Soil Biology and Biochemistry</i> , 2005, 37, 877-887.	8.8	559
43	Limitations of soil enzymes as indicators of soil pollution. <i>Soil Biology and Biochemistry</i> , 2000, 32, 1867-1875.	8.8	203
44	Biochemical properties of acid soils under climax vegetation (Atlantic oakwood) in an area of the European temperate-humid zone (Galicia, NW Spain): general parameters. <i>Soil Biology and Biochemistry</i> , 2000, 32, 733-745.	8.8	95
45	Biochemical properties of acid soils under climax vegetation (Atlantic oakwood) in an area of the European temperate-humid zone (Galicia, NW Spain): specific parameters. <i>Soil Biology and Biochemistry</i> , 2000, 32, 747-755.	8.8	102
46	Defining the validity of a biochemical index of soil quality. <i>Biology and Fertility of Soils</i> , 1999, 30, 140-146.	4.3	61
47	Dependence of mineralization of soil organic matter on temperature and moisture. <i>Soil Biology and Biochemistry</i> , 1999, 31, 327-335.	8.8	194
48	An improved method to measure catalase activity in soils. <i>Soil Biology and Biochemistry</i> , 1999, 31, 483-485.	8.8	97
49	Measurement of dehydrogenase activity in acid soils rich in organic matter. <i>Soil Biology and Biochemistry</i> , 1998, 30, 1005-1011.	8.8	129
50	Towards a biochemical quality index for soils: An expression relating several biological and biochemical properties. <i>Biology and Fertility of Soils</i> , 1997, 26, 100-106.	4.3	190
51	Effects of liming on organic matter decomposition and phosphorus extractability in an acid humic Ranker soil from northwest Spain. <i>Biology and Fertility of Soils</i> , 1993, 15, 279-284.	4.3	49