Gloria Isabel GuzmÃ¡n Casado

List of Publications by Year
in descending order

39 papers	1,467 citations	346980 22 h-index	406436 35 g-index
40 all docs	40 docs citations	40 times ranked	1391 citing authors

#	Article	IF	Citations
1	Long-term trajectories of the C footprint of N fertilization in Mediterranean agriculture (Spain,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	15
2	The Social Metabolism of Spanish Agriculture, 1900â€“2008. World Terraced Landscapes: History, Environment, Quality of Life Environmental History, 2020, , .	0.2	27
3	Agroecology for adaptation to climate change and resource depletion in the Mediterranean region. A review. Agricultural Systems, 2020, 181, 102809.	3.2	90
4	Agricultural Output: From Crop Specialization to Livestocking, 1900â€“2008. World Terraced Landscapes: History, Environment, Quality of Life Environmental History, 2020, , 29-68.	0.2	0
5	Environmental Impacts of Spanish Agricultureâ€™s Industrialization. World Terraced Landscapes: History, Environment, Quality of Life Environmental History, 2020, , 153-179.	0.2	1
6	Decreasing Income and Reproductive Problems of the Agricultural Population. World Terraced Landscapes: History, Environment, Quality of Life Environmental History, 2020, , 107-151.	0.2	0
7	Agricultural Inputs and Their Energy Costs 1900â€“2010. World Terraced Landscapes: History, Environment, Quality of Life Environmental History, 2020, , 69-106.	0.2	0
8	Agrarian Metabolism: The Metabolic Approach Applied to Agriculture. World Terraced Landscapes: History, Environment, Quality of Life Environmental History, 2020, , 1-28.	0.2	2
9	Comparative Energy-Landscape Integrated Analysis (ELIA) of past and present agroecosystems in North America and Europe from the 1830s to the 2010s. Agricultural Systems, 2019, 175, 46-57.	3.2	20
10	From animals to machines. The impact of mechanization on the carbon footprint of traction in Spanish agriculture: 1900â€“2014. Journal of Cleaner Production, 2019, 221, 295-305.	4.6	41
11	Methane Emissions from Artificial Waterbodies Dominate the Carbon Footprint of Irrigation: A Study of Transitions in the Foodâ€“Energyâ€“Waterâ€“Climate Nexus (Spain, 1900â€“2014). Environmental Science & Technology, 2019, 53, 5091-5101.	4.6	38
12	C and N mineralisation of straw of traditional and modern wheat varieties in soils of contrasting fertility. Nutrient Cycling in Agroecosystems, 2019, 113, 167-179.	1.1	10
13	Addressing the Role of Landraces in the Sustainability of Mediterranean Agroecosystems. Sustainability, 2019, 11, 6029.	1.6	5
14	Agroecosystem energy transitions in the old and new worlds: trajectories and determinants at the regional scale. Regional Environmental Change, 2018, 18, 1089-1101.	1.4	42
15	Spanish agriculture from 1900 to 2008: a long-term perspective on agroecosystem energy from an agroecological approach. Regional Environmental Change, 2018, 18, 995-1008.	1.4	45
16	Dynamics of organic agriculture in Andalusia: Moving toward conventionalization?. Agroecology and Sustainable Food Systems, 2018, 42, 328-359.	1.0	15
17	A historical perspective on soil organic carbon in Mediterranean cropland (Spain, 1900â€“2008). Science of the Total Environment, 2018, 621, 634-648.	3.9	53
18	The agrarian metabolism as a tool for assessing agrarian sustainability, and its application to Spanish agriculture (1960-2008). Ecology and Society, 2018, 23, .	1.0	20

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19	Contribution of old wheat varieties to climate change mitigation under contrasting managements and rainfed Mediterranean conditions. Journal of Cleaner Production, 2018, 195, 111-121.	4.6	24
20	Land embodied in Spainâ€™s biomass trade and consumption (1900â€“2008): Historical changes, drivers and impacts. Land Use Policy, 2018, 78, 493-502.	2.5	23
21	A two-stage DEA approach for quantifying and analysing the inefficiency of conventional and organic rain-fed cereals in Spain. Journal of Cleaner Production, 2017, 149, 335-348.	4.6	36
22	On the Andalusian origins of agroecology in Spain and its contribution to shaping agroecological thought. Agroecology and Sustainable Food Systems, 2017, 41, 256-275.	1.0	12
23	Decoupling Food from Land: The Evolution of Spanish Agriculture from 1960 to 2010. Sustainability, 2017, 9, 2348.	1.6	20
24	Agroecology and Ecological Intensification. A Discussion from a Metabolic Point of View. Sustainability, 2017, 9, 86.	1.6	19
25	The social metabolism of biomass in Spain, 1900â€“2008: From food to feed-oriented changes in the agro-ecosystems. Ecological Economics, 2016, 128, 130-138.	2.9	61
26	Widening the analysis of Energy Return on Investment (EROI) in agro-ecosystems: Socio-ecological transitions to industrialized farm systems (the VallÃ¨s County, Catalonia, c.1860 and 1999). Ecological Modelling, 2016, 336, 13-25.	1.2	41
27	Opening the black box of energy throughputs in farm systems: A decomposition analysis between the energy returns to external inputs, internal biomass reuses and total inputs consumed (the VallÃ¨s) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	8
28	Energy Efficiency in Agrarian Systems From an Agroecological Perspective. Agroecology and Sustainable Food Systems, 2015, 39, 924-952.	1.0	53
29	The Spanish Transition to Industrial Metabolism: Longâ€Term Material Flow Analysis (1860â€“2010). Journal of Industrial Ecology, 2015, 19, 866-876.	2.8	40
30	Greenhouse gas emissions from conventional and organic cropping systems in Spain. II. Fruit tree orchards. Agronomy for Sustainable Development, 2015, 35, 725-737.	2.2	121
31	Greenhouse gas emissions from conventional and organic cropping systems in Spain. I. Herbaceous crops. Agronomy for Sustainable Development, 2015, 35, 713-724.	2.2	89
32	Nutrient Balances and Management of Soil Fertility Prior to the Arrival of Chemical Fertilizers in Andalusia, Southern Spain. Human Ecology Review, 2015, 21, .	0.6	3
33	Guidelines for Constructing Nitrogen, Phosphorus, and Potassium Balances in Historical Agricultural Systems. Agroecology and Sustainable Food Systems, 2012, 36, 650-682.	0.9	39
34	The land cost of agrarian sustainability. An assessment. Land Use Policy, 2011, 28, 825-835.	2.5	53
35	Comparison of the Efficiency and Use of Energy in Organic and Conventional Farming in Spanish Agricultural Systems. Agroecology and Sustainable Food Systems, 2010, 34, 312-338.	0.9	61
36	Preindustrial agriculture versus organic agriculture. Land Use Policy, 2009, 26, 502-510.	2.5	85

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37	A comparison of energy use in conventional and organic olive oil production in Spain. Agricultural Systems, 2008, 98, 167-176.	3.2	124
38	Rural development and ecological management of endogenous resources: the case of mountain olive groves in Los Pedrochescomarca(Spain). Journal of Environmental Policy and Planning, 2001, 3, 163-175.	1.5	18
39	Participatory Action Research in Agroecology: Building Local Organic Food Networks in Spain. Agroecology and Sustainable Food Systems, 0, , 120904081413002.	0.9	31