

Manuel González de Molina

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,828
citations

257450

24
h-index

276875

41
g-index

61
all docs

61
docs citations

61
times ranked

1601
citing authors

#	ARTICLE	IF	CITATIONS
1	Disentangling the effect of climate and cropland changes on the water performance of agroecosystems (Spain, 1922â€“2016). <i>Journal of Cleaner Production</i> , 2022, 344, 130811.	9.3	2
2	The close relationship between biophysical degradation, ecosystem services and family farms decline in Spanish agriculture (1992â€“2017). <i>Ecosystem Services</i> , 2022, 56, 101456.	5.4	7
3	Climate change and industrialization as the main drivers of Spanish agriculture water stress. <i>Science of the Total Environment</i> , 2021, 760, 143399.	8.0	24
4	Principles for designing Agroecology-based Local (territorial) Agri-food Systems: a critical revision. <i>Agroecology and Sustainable Food Systems</i> , 2021, 45, 1050-1082.	1.9	35
5	An Operational Approach to Agroecology-Based Local Agri-Food Systems. <i>Sustainability</i> , 2021, 13, 8443.	3.2	14
6	Long-term trajectories of the C footprint of N fertilization in Mediterranean agriculture (Spain,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54.	5.2	15
7	The Social Metabolism of Spanish Agriculture, 1900â€“2008. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2020, , .	0.3	27
8	Agricultural Output: From Crop Specialization to Livestocking, 1900â€“2008. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2020, , 29-68.	0.3	0
9	The Metabolism of Spanish Agriculture. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2020, , 181-215.	0.3	0
10	Environmental Impacts of Spanish Agricultureâ€™s Industrialization. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2020, , 153-179.	0.3	1
11	Decreasing Income and Reproductive Problems of the Agricultural Population. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2020, , 107-151.	0.3	0
12	Agricultural Inputs and Their Energy Costs 1900â€“2010. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2020, , 69-106.	0.3	0
13	Agrarian Metabolism: The Metabolic Approach Applied to Agriculture. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2020, , 1-28.	0.3	2
14	Josep Pujol, una memoraciÃ³n personal, historiogrÃ¡fica e histÃ³rica: Cabeza, sentido y sensaciÃ³n. <i>Historia Agraria</i> , 2020, , I-XIV.	0.2	2
15	The economic potential of agroecology: Empirical evidence from Europe. <i>Journal of Rural Studies</i> , 2019, 71, 46-61.	4.7	127
16	Comparative Energy-Landscape Integrated Analysis (ELIA) of past and present agroecosystems in North America and Europe from the 1830s to the 2010s. <i>Agricultural Systems</i> , 2019, 175, 46-57.	6.1	20
17	From animals to machines. The impact of mechanization on the carbon footprint of traction in Spanish agriculture: 1900â€“2014. <i>Journal of Cleaner Production</i> , 2019, 221, 295-305.	9.3	41
18	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). <i>Environmental Science & Technology</i> , 2019, 53, 5091-5101.	10.0	38

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19	C and N mineralisation of straw of traditional and modern wheat varieties in soils of contrasting fertility. <i>Nutrient Cycling in Agroecosystems</i> , 2019, 113, 167-179.	2.2	10
20	Addressing the Role of Landraces in the Sustainability of Mediterranean Agroecosystems. <i>Sustainability</i> , 2019, 11, 6029.	3.2	5
21	Spanish agriculture from 1900 to 2008: a long-term perspective on agroecosystem energy from an agroecological approach. <i>Regional Environmental Change</i> , 2018, 18, 995-1008.	2.9	45
22	Dynamics of organic agriculture in Andalusia: Moving toward conventionalization?. <i>Agroecology and Sustainable Food Systems</i> , 2018, 42, 328-359.	1.9	15
23	A historical perspective on soil organic carbon in Mediterranean cropland (Spain, 1900–2008). <i>Science of the Total Environment</i> , 2018, 621, 634-648.	8.0	53
24	Modern Wheat Varieties as a Driver of the Degradation of Spanish Rainfed Mediterranean Agroecosystems throughout the 20th Century. <i>Sustainability</i> , 2018, 10, 3724.	3.2	5
25	The agrarian metabolism as a tool for assessing agrarian sustainability, and its application to Spanish agriculture (1960-2008). <i>Ecology and Society</i> , 2018, 23, .	2.3	20
26	Energy transition in Agri-food systems. Structural change, drivers and policy implications (Spain, 1900–2008). <i>Energy</i> , 2018, 150, 107-114.	8.8	14
27	Contribution of old wheat varieties to climate change mitigation under contrasting managements and rainfed Mediterranean conditions. <i>Journal of Cleaner Production</i> , 2018, 195, 111-121.	9.3	24
28	Land embodied in Spain's biomass trade and consumption (1900–2008): Historical changes, drivers and impacts. <i>Land Use Policy</i> , 2018, 78, 493-502.	5.6	23
29	Impact of historical land use and soil management change on soil erosion and agricultural sustainability during the Anthropocene. <i>Anthropocene</i> , 2017, 17, 13-29.	3.3	156
30	The Onset of the English Agricultural Revolution: Climate Factors and Soil Nutrients. <i>Journal of Interdisciplinary History</i> , 2017, 47, 445-474.	0.0	21
31	On the Andalusian origins of agroecology in Spain and its contribution to shaping agroecological thought. <i>Agroecology and Sustainable Food Systems</i> , 2017, 41, 256-275.	1.9	12
32	Methodological Challenges and General Criteria for Assessing and Designing Local Sustainable Agri-Food Systems: A Socio-Ecological Approach at Landscape Level. <i>Human-environment Interactions</i> , 2017, , 27-67.	1.2	11
33	Decoupling Food from Land: The Evolution of Spanish Agriculture from 1960 to 2010. <i>Sustainability</i> , 2017, 9, 2348.	3.2	20
34	Agroecology and Ecological Intensification. A Discussion from a Metabolic Point of View. <i>Sustainability</i> , 2017, 9, 86.	3.2	19
35	The Making of Olive Landscapes in the South of Spain. A History of Continuous Expansion and Intensification. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2016, , 157-179.	0.3	17
36	The social metabolism of biomass in Spain, 1900–2008: From food to feed-oriented changes in the agro-ecosystems. <i>Ecological Economics</i> , 2016, 128, 130-138.	5.7	61

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37	The rise and fall of the cortijo system: scattered rural settlements and the colonization of land in Spain's Mediterranean mountains since 1581. <i>Journal of Historical Geography</i> , 2016, 54, 63-75.	0.7	17
38	Widening the analysis of Energy Return on Investment (EROI) in agro-ecosystems: Socio-ecological transitions to industrialized farm systems (the VallÀ's County, Catalonia, c.1860 and 1999). <i>Ecological Modelling</i> , 2016, 336, 13-25.	2.5	41
39	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 VallÀ's County, Catalonia, 1860-1999). <i>Ecological Modelling</i> , 2016, 336, 13-25.	0.7	17
40	Energy Efficiency in Agrarian Systems From an Agroecological Perspective. <i>Agroecology and Sustainable Food Systems</i> , 2015, 39, 924-952.	1.9	53
41	The Spanish Transition to Industrial Metabolism: Long-Term Material Flow Analysis (1860-2010). <i>Journal of Industrial Ecology</i> , 2015, 19, 866-876.	5.5	40
42	Nutrient Balances and Management of Soil Fertility Prior to the Arrival of Chemical Fertilizers in Andalusia, Southern Spain. <i>Human Ecology Review</i> , 2015, 21, .	0.8	3
43	Olive Cultivation, its Impact on Soil Erosion and its Progression into Yield Impacts in Southern Spain in the Past as a Key to a Future of Increasing Climate Uncertainty. <i>Agriculture (Switzerland)</i> , 2014, 4, 170-198.	3.1	92
44	The Social Metabolism. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2014, , .	0.3	86
45	Reconciling Boserup with Malthus: Agrarian Change and Soil Degradation in Olive Orchards in Spain (1750-2000). , 2014, , 99-116.		3
46	Social Metabolism at the National Scale. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2014, , 115-132.	0.3	0
47	Social Metabolism: Origins, History, Approaches, and Main Publications. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2014, , 43-58.	0.3	2
48	The Socio-Ecological Transition on a Crop Scale: The Case of Olive Orchards in Southern Spain (1750-2000). <i>Human Ecology</i> , 2013, 41, 961-969.	1.4	22
49	â€Sustainable de-growthâ€™ in agriculture and food: an agro-ecological perspective on Spainâ€™s agri-food system (year 2000). <i>Journal of Cleaner Production</i> , 2013, 38, 27-35.	9.3	99
50	Erosion in the Mediterranean: The Case of Olive Groves in the South of Spain (1752-2000). <i>Environmental History</i> , 2013, 18, 360-382.	0.5	20
51	Guidelines for Constructing Nitrogen, Phosphorus, and Potassium Balances in Historical Agricultural Systems. <i>Agroecology and Sustainable Food Systems</i> , 2012, 36, 650-682.	0.9	39
52	Radioisotopic and physicochemical background indicators to assess soil degradation affecting olive orchards in southern Spain. <i>Agriculture, Ecosystems and Environment</i> , 2012, 159, 70-80.	5.3	27
53	The land cost of agrarian sustainability. An assessment. <i>Land Use Policy</i> , 2011, 28, 825-835.	5.6	53
54	Quantifying the effect of historical soil management on soil erosion rates in Mediterranean olive orchards. <i>Agriculture, Ecosystems and Environment</i> , 2011, 142, 341-351.	5.3	93

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55	Preindustrial agriculture versus organic agriculture. <i>Land Use Policy</i> , 2009, 26, 502-510.	5.6	85
56	Environmental constraints on agricultural growth in 19th century granada (Southern Spain). <i>Ecological Economics</i> , 2002, 41, 257-270.	5.7	33
57	The Limits of Agricultural Growth in the Nineteenth Century: A Case Study from the Mediterranean World. <i>Environment and History</i> , 2001, 7, 479-499.	0.3	2