

Julio Berbel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76 papers	1,967 citations	25 h-index	42 g-index
78 ext. papers	2,257 ext. citations	4.5 avg, IF	5.58 L-index

#	Paper	IF	Citations
76	Socioeconomic impact of 2005-2008 drought in Andalusian agriculture.. <i>Science of the Total Environment</i> , 2022 , 154148	10.2	0
75	Exploring the economic impact of carbonic fertilisation in greenhouses in western Almería (Spain). <i>Spanish Journal of Agricultural Research</i> , 2022 , 20, e0102	1.1	
74	A Simple Agro-Economic Model for Optimal Farm Nitrogen Application under Yield Uncertainty. <i>Agronomy</i> , 2021 , 11, 1107	3.6	4
73	Nitrogen Fertilization. A Review of the Risks Associated with the Inefficiency of Its Use and Policy Responses. <i>Sustainability</i> , 2021 , 13, 5625	3.6	22
72	The Drivers-Pressures-State-Impact-Response Model to Structure CauseEffect Relationships between Agriculture and Aquatic Ecosystems. <i>Sustainability</i> , 2021 , 13, 9365	3.6	0
71	The Economics of Fruit and Vegetable Production Irrigated with Reclaimed Water Incorporating the Hidden Costs of Life Cycle Environmental Impacts. <i>Resources</i> , 2021 , 10, 90	3.7	2
70	The Economics of Irrigation in Almond Orchards. Application to Southern Spain. <i>Agronomy</i> , 2020 , 10, 796	3.6	5
69	Energized water: Evolution of water-energy nexus in the Spanish irrigated agriculture, 1950-2017. <i>Agricultural Water Management</i> , 2020 , 233, 106073	5.9	18
68	Hydro-Economic Modelling for Water-Policy Assessment Under Climate Change at a River Basin Scale: A Review. <i>Water (Switzerland)</i> , 2020 , 12, 1559	3	12
67	A Simplified Hydro-Economic Model of Guadalquivir River Basin for Analysis of Water-Pricing Scenarios. <i>Water (Switzerland)</i> , 2020 , 12, 1879	3	5
66	Analysis of Barriers and Opportunities for Reclaimed Wastewater Use for Agriculture in Europe. <i>Water (Switzerland)</i> , 2020 , 12, 2308	3	8
65	Droughts as a catalyst for water policy change. Analysis of Spain, Australia (MDB), and California. <i>Global Environmental Change</i> , 2019 , 58, 101969	10.1	26
64	Drivers of Irrigation Water Productivity and Basin Closure Process: Analysis of the Guadalquivir River Basin (Spain). <i>Water Resources Management</i> , 2019 , 33, 1439-1450	3.7	9
63	Analysis of irrigation water tariffs and taxes in Europe. <i>Water Policy</i> , 2019 , 21, 806-825	1.6	21
62	Conciliation of competing uses and stakeholder rights to groundwater: an evaluation of Fuencaliente Aquifer (Spain). <i>International Journal of Water Resources Development</i> , 2019 , 35, 830-846	3	4
61	Effects of the Irrigation Modernization in Spain 2002-2015. <i>Water Resources Management</i> , 2019 , 33, 1835-1849	3.7	29
60	Cost-benefit analysis of irrigation modernization in Guadalquivir River Basin. <i>Agricultural Water Management</i> , 2019 , 212, 416-423	5.9	14

59	Impacts of irrigation efficiency improvement on water use, water consumption and response to water price at field level. <i>Agricultural Water Management</i> , 2018 , 203, 423-429	5.9	46
58	Review and Analysis of Alternatives for the Valorisation of Agro-Industrial Olive Oil By-Products. <i>Sustainability</i> , 2018 , 10, 237	3.6	81
57	Economic challenges for the EU Water Framework Directive reform and implementation. <i>European Planning Studies</i> , 2018 , 26, 20-34	3.2	17
56	Valuation of Guadalquivir River Basin Water Resources (Southern Spain) Using SEEA-Water. <i>Advances in Chemical Pollution, Environmental Management and Protection</i> , 2018 , 3, 97-114	1.5	
55	Why Is Water Pricing Ineffective for Deficit Irrigation Schemes? A Case Study in Southern Spain. <i>Water Resources Management</i> , 2017 , 31, 1047-1059	3.7	25
54	The Economic Analysis of Water Use in the Water Framework Directive Based on the System of Environmental-Economic Accounting for Water: A Case Study of the Guadalquivir River Basin. <i>Water (Switzerland)</i> , 2017 , 9, 180	3	15
53	Sustainability Implications of Deficit Irrigation in a Mature Water Economy: A Case Study in Southern Spain. <i>Sustainability</i> , 2017 , 9, 1144	3.6	16
52	Agricultural Irrigation Water Use in a Closed Basin and the Impacts on Water Productivity: The Case of the Guadalquivir River Basin (Southern Spain). <i>Water (Switzerland)</i> , 2017 , 9, 136	3	41
51	Estimation of Cost Recovery Ratio for Water Services Based on the System of Environmental-Economic Accounting for Water. <i>Water Resources Management</i> , 2016 , 30, 767-783	3.7	21
50	Factors influencing farmers' willingness to participate in water allocation trading. A case study in southern Spain. <i>Spanish Journal of Agricultural Research</i> , 2016 , 14, e0101	1.1	15
49	Water Productivity under Drought Conditions Estimated Using SEEA-Water. <i>Water (Switzerland)</i> , 2016 , 8, 138	3	10
48	Microeconomics of Deficit Irrigation and Subjective Water Response Function for Intensive Olive Groves. <i>Water (Switzerland)</i> , 2016 , 8, 254	3	16
47	Literature Review on Rebound Effect of Water Saving Measures and Analysis of a Spanish Case Study. <i>Water Resources Management</i> , 2015 , 29, 663-678	3.7	124
46	An overview on glycerol-free processes for the production of renewable liquid biofuels, applicable in diesel engines. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 42, 1437-1452	16.2	81
45	Revisiting the Impact of Order Effects on Sensitivity to Scope: A Contingent Valuation of a Common-Pool Resource. <i>Journal of Agricultural Economics</i> , 2015 , 66, 705-726	3.7	5
44	An assessment of farmers' willingness to participate in water trading in southern Spain. <i>Water Policy</i> , 2015 , 17, 520-537	1.6	14
43	The Objectives and Priorities for the Azorean Dairy Farmers' Decisions 2015 , 137-156		1
42	Nota sobre valor, coste y renta del agua de riego. <i>Economía Agraria Y Recursos Naturales</i> , 2015 , 15, 149-154		1

41	Farmer's subjective elicited water response function for intensive olives and compromise programming method for irrigation supply decision. <i>Economia Agraria Y Recursos Naturales</i> , 2015 , 15, 51-68	0.9	3
40	Effects of modernization and medium term perspectives on water and energy use in irrigation districts. <i>Agricultural Systems</i> , 2014 , 131, 56-63	6.1	42
39	Does investment in irrigation technology necessarily generate rebound effects? A simulation analysis based on an agro-economic model. <i>Agricultural Systems</i> , 2014 , 128, 25-34	6.1	76
38	Technological challenges for the production of biodiesel in arid lands. <i>Journal of Arid Environments</i> , 2014 , 102, 127-138	2.5	25
37	Price Volatility and Water Demand in Agriculture: A Case Study of the Guadalquivir River Basin (Spain) 2014 , 319-348		7
36	The Closure of the Guadalquivir River Basin: A DPSIR Framework Approach 2014 , 48-67		1
35	Understanding Equity and Equality in Sustainable Irrigation Water Management 2014 , 3-25		
34	Effects of CAP policy on farm household behaviour and social sustainability. <i>Land Use Policy</i> , 2013 , 31, 166-181	5.6	32
33	Farmers' stated preference analysis towards resources use under alternative policy scenarios. <i>Land Use Policy</i> , 2013 , 31, 145-155	5.6	10
32	The trajectory towards basin closure of a European river: Guadalquivir. <i>International Journal of River Basin Management</i> , 2013 , 11, 111-119	1.7	33
31	Analysis of Stakeholders' Attitudes towards Water Markets in Southern Spain. <i>Water (Switzerland)</i> , 2013 , 5, 1517-1532	3	17
30	An Application of Data Envelopment Analysis (DEA) in Azores Dairy Farms 2013 , 73-81		0
29	Benefit transfer and spatial heterogeneity of preferences for water quality improvements. <i>Journal of Environmental Management</i> , 2012 , 106, 22-9	7.9	33
28	The economic value of guaranteed water supply for irrigation under scarcity conditions. <i>Agricultural Water Management</i> , 2012 , 113, 10-18	5.9	56
27	Assessment of the Draft Hydrological Basin Plan of the Guadalquivir River Basin (Spain). <i>International Journal of Water Resources Development</i> , 2012 , 28, 43-55	3	26
26	Environmental benefits of reclaimed water: an economic assessment in the context of the Water Framework Directive. <i>Water Policy</i> , 2012 , 14, 148-159	1.6	21
25	A Cost-Effectiveness Analysis of Water-Saving Measures for the Water Framework Directive: the Case of the Guadalquivir River Basin in Southern Spain. <i>Water Resources Management</i> , 2011 , 25, 623-640	3.7	70
24	Value of Irrigation Water in Guadalquivir Basin (Spain) by Residual Value Method. <i>Water Resources Management</i> , 2011 , 25, 1565-1579	3.7	57

23	Environmental and Resource Costs Under Water Scarcity Conditions: An Estimation in the Context of the European Water Framework Directive. <i>Water Resources Management</i> , 2011 , 25, 1615-1633	3.7	52
22	Influence of the Common Agricultural Policy on the farmer's intended decision on water use. <i>Spanish Journal of Agricultural Research</i> , 2011 , 9, 1021	1.1	8
21	Spatial Preference Heterogeneity: A Choice Experiment. <i>Land Economics</i> , 2010 , 86, 552-568	1.6	124
20	Using multi-criteria analysis to explore non-market monetary values of water quality changes in the context of the Water Framework Directive. <i>Science of the Total Environment</i> , 2010 , 408, 3990-7	10.2	46
19	Evoluci3n de la productividad del agua en la Cuenca del Guadalquivir 1989-2005. <i>Economia Agraria Y Recursos Naturales</i> , 2010 , 10, 59	0.9	6
18	Estimating demand for irrigation water in European Mediterranean countries through MCDM models. <i>Water Policy</i> , 2009 , 11, 348-361	1.6	13
17	Valoraci3n econ3mica de los beneficios ambientales de no mercado derivados de la mejora de la calidad del agua: Una estimaci3n en aplicaci3n de la Directiva Marco del Agua al Guadalquivir. <i>Economia Agraria Y Recursos Naturales</i> , 2009 , 9, 65	0.9	10
16	Bt corn in Spain--the performance of the EU's first GM crop. <i>Nature Biotechnology</i> , 2008 , 26, 384-6	44.5	74
15	Beneficios y costes ambientales en la Directiva Marco del Agua: conceptos y estimaci3n. <i>Estudios Geograficos</i> , 2008 , LXIX, 609-635	0.4	
14	Valoraci3n del agua de riego por el m3todo de precios quasi-hed3nicos: Aplicaci3n al Guadalquivir. <i>Economia Agraria Y Recursos Naturales</i> , 2007 , 7, 127	0.9	9
13	MCDM Farm System Analysis for Public Management of Irrigated Agriculture 2007 , 93-114		4
12	Multicriteria and multiperiod programming for scenario analysis in Guadalquivir river irrigated farming. <i>Journal of the Operational Research Society</i> , 2006 , 57, 499-509	2	17
11	Conflicting Implementation of Agricultural and Water Policies in Irrigated Areas in the EU. <i>Journal of Agricultural Economics</i> , 2002 , 53, 259-281	3.7	63
10	The impact of water-pricing policy in Spain: an analysis of three irrigated areas. <i>Agricultural Water Management</i> , 2000 , 43, 219-238	5.9	114
9	Multicriteria analysis of derived water demand functions: a Spanish case study. <i>Agricultural Systems</i> , 2000 , 63, 49-72	6.1	77
8	An MCDM approach to production analysis: An application to irrigated farms in Southern Spain. <i>European Journal of Operational Research</i> , 1998 , 107, 108-118	5.6	67
7	An Application of MOP and GP to Wildlife Management (Deer). <i>Journal of Environmental Management</i> , 1995 , 44, 29-38	7.9	10
6	A multicriteria model for irrigated agricultural planning under economic and technical risk. <i>Agricultural Systems</i> , 1994 , 44, 105-117	6.1	5

5	Risk programming in agricultural systems: A multiple criteria analysis. <i>Agricultural Systems</i> , 1993 , 41, 275-288	6.1	14
4	Marketing goals vs. business profitability: An interactive multiple criteria decision-making approach. <i>Agribusiness</i> , 1991 , 7, 537-549	2.3	5
3	A Comparison of Target MOTAD Efficient Sets and the Choice of Target. <i>Canadian Journal of Agricultural Economics</i> , 1990 , 38, 149-158	10.8	6
2	Analysis of protected cropping: an application of multiobjective programming techniques to Spanish horticulture. <i>European Review of Agricultural Economics</i> , 1989 , 16, 203-216	3.4	11
1	TARGET RETURNS WITHIN RISK PROGRAMMING MODELS: A MULTI-OBJECTIVE APPROACH. <i>Journal of Agricultural Economics</i> , 1988 , 39, 263-269	3.7	12