Julio Berbel

List of Publications by Citations

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	Literature Review on Rebound Effect of Water Saving Measures and Analysis of a Spanish Case Study. *Water Resources Management*, **2015**, 29, 663-678	3.7	124
75	Spatial Preference Heterogeneity: A Choice Experiment. *Land Economics*, **2010**, 86, 552-568	1.6	124
74	The impact of water-pricing policy in Spain: an analysis of three irrigated areas. *Agricultural Water Management*, **2000**, 43, 219-238	5.9	114
73	An overview on glycerol-free processes for the production of renewable liquid biofuels, applicable in diesel engines. *Renewable and Sustainable Energy Reviews*, **2015**, 42, 1437-1452	16.2	81
72	Review and Analysis of Alternatives for the Valorisation of Agro-Industrial Olive Oil By-Products. *Sustainability*, **2018**, 10, 237	3.6	81
71	Multicriteria analysis of derived water demand functions: a Spanish case study. *Agricultural Systems*, **2000**, 63, 49-72	6.1	77
70	Does investment in irrigation technology necessarily generate rebound effects? A simulation analysis based on an agro-economic model. *Agricultural Systems*, **2014**, 128, 25-34	6.1	76
69	Bt corn in Spain--the performance of the EU's first GM crop. *Nature Biotechnology*, **2008**, 26, 384-6	44.5	74
68	A Cost-Effectiveness Analysis of Water-Saving Measures for the Water Framework Directive: the Case of the Guadalquivir River Basin in Southern Spain. *Water Resources Management*, **2011**, 25, 623-640	3.7	70
67	An MCDM approach to production analysis: An application to irrigated farms in Southern Spain. *European Journal of Operational Research*, **1998**, 107, 108-118	5.6	67
66	Conflicting Implementation of Agricultural and Water Policies in Irrigated Areas in the EU. *Journal of Agricultural Economics*, **2002**, 53, 259-281	3.7	63
65	Value of Irrigation Water in Guadalquivir Basin (Spain) by Residual Value Method. *Water Resources Management*, **2011**, 25, 1565-1579	3.7	57
64	The economic value of guaranteed water supply for irrigation under scarcity conditions. *Agricultural Water Management*, **2012**, 113, 10-18	5.9	56
63	Environmental and Resource Costs Under Water Scarcity Conditions: An Estimation in the Context of the European Water Framework Directive. *Water Resources Management*, **2011**, 25, 1615-1633	3.7	52
62	Impacts of irrigation efficiency improvement on water use, water consumption and response to water price at field level. *Agricultural Water Management*, **2018**, 203, 423-429	5.9	46
61	Using multi-criteria analysis to explore non-market monetary values of water quality changes in the context of the Water Framework Directive. *Science of the Total Environment*, **2010**, 408, 3990-7	10.2	46
60	Effects of modernization and medium term perspectives on water and energy use in irrigation districts. *Agricultural Systems*, **2014**, 131, 56-63	6.1	42

59	Agricultural Irrigation Water Use in a Closed Basin and the Impacts on Water Productivity: The Case of the Guadalquivir River Basin (Southern Spain). *Water (Switzerland)*, **2017**, 9, 136	3	41
58	Benefit transfer and spatial heterogeneity of preferences for water quality improvements. *Journal of Environmental Management*, **2012**, 106, 22-9	7.9	33
57	The trajectory towards basin closure of a European river: Guadalquivir. *International Journal of River Basin Management*, **2013**, 11, 111-119	1.7	33
56	Effects of CAP policy on farm household behaviour and social sustainability. *Land Use Policy*, **2013**, 31, 166-181	5.6	32
55	Effects of the Irrigation Modernization in Spain 2002–2015. *Water Resources Management*, **2019**, 33, 1835-1849	3.7	29
54	Droughts as a catalyst for water policy change. Analysis of Spain, Australia (MDB), and California. *Global Environmental Change*, **2019**, 58, 101969	10.1	26
53	Assessment of the Draft Hydrological Basin Plan of the Guadalquivir River Basin (Spain). *International Journal of Water Resources Development*, **2012**, 28, 43-55	3	26
52	Why Is Water Pricing Ineffective for Deficit Irrigation Schemes? A Case Study in Southern Spain. *Water Resources Management*, **2017**, 31, 1047-1059	3.7	25
51	Technological challenges for the production of biodiesel in arid lands. *Journal of Arid Environments*, **2014**, 102, 127-138	2.5	25
50	Nitrogen Fertilization. A Review of the Risks Associated with the Inefficiency of Its Use and Policy Responses. *Sustainability*, **2021**, 13, 5625	3.6	22
49	Analysis of irrigation water tariffs and taxes in Europe. *Water Policy*, **2019**, 21, 806-825	1.6	21
48	Estimation of Cost Recovery Ratio for Water Services Based on the System of Environmental-Economic Accounting for Water. *Water Resources Management*, **2016**, 30, 767-783	3.7	21
47	Environmental benefits of reclaimed water: an economic assessment in the context of the Water Framework Directive. *Water Policy*, **2012**, 14, 148-159	1.6	21
46	Energized water: Evolution of water-energy nexus in the Spanish irrigated agriculture, 1950–2017. *Agricultural Water Management*, **2020**, 233, 106073	5.9	18
45	Analysis of Stakeholders' Attitudes towards Water Markets in Southern Spain. *Water (Switzerland)*, **2013**, 5, 1517-1532	3	17
44	Multicriteria and multiperiod programming for scenario analysis in Guadalquivir river irrigated farming. *Journal of the Operational Research Society*, **2006**, 57, 499-509	2	17
43	Economic challenges for the EU Water Framework Directive reform and implementation. *European Planning Studies*, **2018**, 26, 20-34	3.2	17
42	Sustainability Implications of Deficit Irrigation in a Mature Water Economy: A Case Study in Southern Spain. *Sustainability*, **2017**, 9, 1144	3.6	16

41	Microeconomics of Deficit Irrigation and Subjective Water Response Function for Intensive Olive Groves. *Water (Switzerland)*, **2016**, 8, 254	3	16
40	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. *Water (Switzerland)*, **2017**, 9, 180	3	15
39	Factors influencing farmers willingness to participate in water allocation trading. A case study in southern Spain. *Spanish Journal of Agricultural Research*, **2016**, 14, e0101	1.1	15
38	An assessment of farmers' willingness to participate in water trading in southern Spain. *Water Policy*, **2015**, 17, 520-537	1.6	14
37	Risk programming in agricultural systems: A multiple criteria analysis. *Agricultural Systems*, **1993**, 41, 275-288	6.1	14
36	Cost-benefit analysis of irrigation modernization in Guadalquivir River Basin. *Agricultural Water Management*, **2019**, 212, 416-423	5.9	14
35	Estimating demand for irrigation water in European Mediterranean countries through MCDM models. *Water Policy*, **2009**, 11, 348-361	1.6	13
34	Hydro-Economic Modelling for Water-Policy Assessment Under Climate Change at a River Basin Scale: A Review. *Water (Switzerland)*, **2020**, 12, 1559	3	12
33	TARGET RETURNS WITHIN RISK PROGRAMMING MODELS: A MULTI-OBJECTIVE APPROACH. *Journal of Agricultural Economics*, **1988**, 39, 263-269	3.7	12
32	Analysis of protected cropping: an application of multiobjective programming techniques to Spanish horticulture. *European Review of Agricultural Economics*, **1989**, 16, 203-216	3.4	11
31	Farmers stated preference analysis towards resources use under alternative policy scenarios. *Land Use Policy*, **2013**, 31, 145-155	5.6	10
30	An Application of MOP and GP to Wildlife Management (Deer). *Journal of Environmental Management*, **1995**, 44, 29-38	7.9	10
29	Valoraci econmica de los beneficios ambientales de no mercado derivados de la mejora de la calidad del agua: Una estimaci en aplicaci de la Directiva Marco del Agua al Guadalquivir. *Economia Agraria Y Recursos Naturales*, **2009**, 9, 65	0.9	10
28	Water Productivity under Drought Conditions Estimated Using SEEA-Water. *Water (Switzerland)*, **2016**, 8, 138	3	10
27	Drivers of Irrigation Water Productivity and Basin Closure Process: Analysis of the Guadalquivir River Basin (Spain). *Water Resources Management*, **2019**, 33, 1439-1450	3.7	9
26	Valoraci del agua de riego por el m odo de precios quasi-hed icos: Aplicaci al Guadalquivir. *Economia Agraria Y Recursos Naturales*, **2007**, 7, 127	0.9	9
25	Influence of the Common Agricultural Policy on the farmers intended decision on water use. *Spanish Journal of Agricultural Research*, **2011**, 9, 1021	1.1	8
24	Analysis of Barriers and Opportunities for Reclaimed Wastewater Use for Agriculture in Europe. *Water (Switzerland)*, **2020**, 12, 2308	3	8

23	Price Volatility and Water Demand in Agriculture: A Case Study of the Guadalquivir River Basin (Spain) **2014**, 319-348		7
22	A Comparison of Target MOTAD Efficient Sets and the Choice of Target. *Canadian Journal of Agricultural Economics*, **1990**, 38, 149-158	10.8	6
21	Evolución de la productividad del agua en la Cuenca del Guadalquivir 1989-2005. *Economia Agraria Y Recursos Naturales*, **2010**, 10, 59	0.9	6
20	The Economics of Irrigation in Almond Orchards. Application to Southern Spain. *Agronomy*, **2020**, 10, 796	3.6	5
19	Revisiting the Impact of Order Effects on Sensitivity to Scope: A Contingent Valuation of a Common-Pool Resource. *Journal of Agricultural Economics*, **2015**, 66, 705-726	3.7	5
18	A multicriteria model for irrigated agricultural planning under economic and technical risk. *Agricultural Systems*, **1994**, 44, 105-117	6.1	5
17	Marketing goals vs. business profitability: An interactive multiple criteria decision-making approach. *Agribusiness*, **1991**, 7, 537-549	2.3	5
16	A Simplified Hydro-Economic Model of Guadalquivir River Basin for Analysis of Water-Pricing Scenarios. *Water (Switzerland)*, **2020**, 12, 1879	3	5
15	Conciliation of competing uses and stakeholder rights to groundwater: an evaluation of Fuencaliente Aquifer (Spain). *International Journal of Water Resources Development*, **2019**, 35, 830-846	3	4
14	A Simple Agro-Economic Model for Optimal Farm Nitrogen Application under Yield Uncertainty. *Agronomy*, **2021**, 11, 1107	3.6	4
13	MCDM Farm System Analysis for Public Management of Irrigated Agriculture **2007**, 93-114		4
12	Farmers subjective elicited water response function for intensive olives and compromise programming method for irrigation supply decision. *Economia Agraria Y Recursos Naturales*, **2015**, 15, 51-68	0.9	3
11	The Economics of Fruit and Vegetable Production Irrigated with Reclaimed Water Incorporating the Hidden Costs of Life Cycle Environmental Impacts. *Resources*, **2021**, 10, 90	3.7	2
10	The Objectives and Priorities for the Azorean Dairy Farmers Decisions **2015**, 137-156		1
9	The Closure of the Guadalquivir River Basin: A DPSIR Framework Approach **2014**, 48-67		1
8	Nota sobre valor, coste y renta del agua de riego. *Economia Agraria Y Recursos Naturales*, **2015**, 15, 149-154	0.9	1
7	An Application of Data Envelopment Analysis (DEA) in Azores Dairy Farms **2013**, 73-81		0
6	The Drivers-Pressures-State-Impact-Response Model to Structure Cause-Effect Relationships between Agriculture and Aquatic Ecosystems. *Sustainability*, **2021**, 13, 9365	3.6	0

5	Socioeconomic impact of 2005-2008 drought in Andalusian agriculture.. *Science of the Total Environment*, **2022**, 154148	10.2	0
4	Understanding Equity and Equality in Sustainable Irrigation Water Management **2014**, 3-25		
3	Beneficios y costes ambientales en la Directiva Marco del Agua: conceptos y estimaci. *Estudios Geograficos*, **2008**, LXIX, 609-635	0.4	
2	Valuation of Guadalquivir River Basin Water Resources (Southern Spain) Using SEEA-Water. *Advances in Chemical Pollution, Environmental Management and Protection*, **2018**, 3, 97-114	1.5	
1	Exploring the economic impact of carbonic fertilisation in greenhouses in western Almer (Spain). *Spanish Journal of Agricultural Research*, **2022**, 20, e0102	1.1	