

# Davide Viaggi

## 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.

83 papers	2,211 citations	21 h-index	46 g-index
94 ext. papers	2,470 ext. citations	3.9 avg, IF	5.61 L-index

#	Paper	IF	Citations
83	Agricultural waste management and valorisation in the context of the circular Bioeconomy: exploring the potential of biomass value webs. <i>Current Opinion in Environmental Science and Health</i> , <b>2022</b> , 100356	8.1	0
82	Bioeconomy and Circular Economy: Implications for Economic Evaluation in the Post-COVID Era. <i>Circular Economy and Sustainability</i> , <b>2021</b> , 1-13		0
81	Modelling transformational adaptation to climate change among crop farming systems in Romagna, Italy. <i>Agricultural Systems</i> , <b>2021</b> , 188, 103024	6.1	9
80	How Clusters Create Shared Value in Rural Areas: An Examination of Six Case Studies. <i>Sustainability</i> , <b>2021</b> , 13, 4578	3.6	3
79	The role of biotechnology in the transition from plastics to bioplastics: an opportunity to reconnect global growth with sustainability. <i>FEBS Open Bio</i> , <b>2021</b> , 11, 967-983	2.7	12
78	Cooperative Management of Ecosystem Services: Coalition Formation, Landscape Structure and Policies. <i>Environmental and Resource Economics</i> , <b>2021</b> , 79, 323-356	4.4	1
77	In search of factors determining the participation of farmers in agri-environmental schemes [Does only money matter in Poland?]. <i>Land Use Policy</i> , <b>2021</b> , 101, 105190	5.6	10
76	A Statistical Matching approach to reproduce the heterogeneity of willingness to pay in benefit transfer. <i>Socio-Economic Planning Sciences</i> , <b>2021</b> , 74, 100935	3.7	1
75	Farmland abandonment, public goods and the CAP in a marginal area of Italy. <i>Land Use Policy</i> , <b>2021</b> , 107, 104365	5.6	12
74	Education for innovation and entrepreneurship in the food system: the Erasmus+ BoostEdu approach and results. <i>Current Opinion in Food Science</i> , <b>2021</b> , 42, 157-166	9.8	0
73	Digital Irrigated Agriculture: Towards a Framework for Comprehensive Analysis of Decision Processes under Uncertainty. <i>Future Internet</i> , <b>2020</b> , 12, 181	3.3	1
72	Coordination in the agri-food sector: The role of social capital and remoteness in the emergence of Italian network contracts. <i>Journal of Rural Studies</i> , <b>2020</b> , 77, 93-104	4.2	6
71	Exploring Collaboration and Consumer Behavior in Food Community Networks and Constraints Preventing Active Participation: The Case of Turkey. <i>Sustainability</i> , <b>2020</b> , 12, 3292	3.6	1
70	Understanding Bioeconomy Systems: Integrating Economic, Organisational and Policy Concepts <b>2020</b> , 3-19		2
69	Evaluating the Potential Contribution of Multi-Attribute Auctions to Achieve Agri-Environmental Targets and Efficient Payment Design. <i>Ecological Economics</i> , <b>2020</b> , 176, 106756	5.6	4
68	The Design of Pricing Policies for the Management of Water Resources in Agriculture Under Adverse Selection. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2174	3	3
67	Irrigation reservoirs as blue clubs: Governance and policy intervention. <i>Water Resources and Economics</i> , <b>2020</b> , 29, 100142	2	

66	The value of information for the management of water resources in agriculture: Assessing the economic viability of new methods to schedule irrigation. <i>Agricultural Water Management</i> , <b>2020</b> , 227, 105848	5.9	11
65	Interpreting Farmers' Perceptions of Risks and Benefits Concerning Wastewater Reuse for Irrigation: A Case Study in Emilia-Romagna (Italy). <i>Water (Switzerland)</i> , <b>2019</b> , 11, 108	3	16
64	Agri-environmental Policies and Public Goods: An Assessment of Coalition Incentives and Minimum Participation Rules. <i>Environmental and Resource Economics</i> , <b>2019</b> , 72, 1023-1040	4.4	9
63	Quantifying the Impact of Scientific Research on Agriculture. <i>EuroChoices</i> , <b>2018</b> , 17, 19-24	2	1
62	Agricultural landscapes, ecosystem services and regional competitiveness: Assessing drivers and mechanisms in nine European case study areas. <i>Land Use Policy</i> , <b>2018</b> , 76, 735-745	5.6	38
61	Review of Multicriteria Methodologies and Tools for the Evaluation of the Provision of Ecosystem Services. <i>Multiple Criteria Decision Making</i> , <b>2018</b> , 43-68	1.4	1
60	Using the Ecosystem Services Framework for Policy Impact Analysis: An Application to the Assessment of the Common Agricultural Policy 2014-2020 in the Province of Ferrara (Italy). <i>Sustainability</i> , <b>2018</b> , 10, 890	3.6	
59	Socio-ecological systems and the distributional effect of collective conditionality constraints in rural policies: a case study in Emilia-Romagna. <i>International Journal of the Commons</i> , <b>2018</b> , 12, 460-484	2.2	2
58	AES Impact Evaluation With Integrated Farm Data: Combining Statistical Matching and Propensity Score Matching. <i>Sustainability</i> , <b>2018</b> , 10, 4320	3.6	5
57	The Role of ICT in Improving Sequential Decisions for Water Management in Agriculture. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1141	3	7
56	The Use of the Analytic Network Process for the Analysis of Public Goods Supply from Agricultural Systems: Advances and Challenges Ahead. <i>Multiple Criteria Decision Making</i> , <b>2018</b> , 99-132	1.4	
55	Abandonment or survival? Understanding the future of <i>Castanea sativa</i> stands in function of local attitude (Northern Apennine, Italy). <i>Land Use Policy</i> , <b>2017</b> , 61, 564-574	5.6	9
54	Analysing behavioural differences of farm households: An example of income diversification strategies based on European farm survey data. <i>Land Use Policy</i> , <b>2017</b> , 62, 172-184	5.6	66
53	A conceptual model to integrate the regional context in landscape policy, management and contribution to rural development: Literature review and European case study evidence. <i>Geoforum</i> , <b>2017</b> , 82, 1-12	2.9	41
52	Assessing Collective Measures in Rural Policy: The Effect of Minimum Participation Rules on the Distribution of Benefits from Irrigation Infrastructure. <i>Sustainability</i> , <b>2017</b> , 9, 1	3.6	815
51	Water Authorities' Pricing Strategies to Recover Supply Costs in the Absence of Water Metering for Irrigated Agriculture. <i>Sustainability</i> , <b>2017</b> , 9, 2210	3.6	7
50	Assessing the Potential Economic Viability of Precision Irrigation: A Theoretical Analysis and Pilot Empirical Evaluation. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 990	3	8
49	Pricing Unmetered Irrigation Water under Asymmetric Information and Full Cost Recovery. <i>Water (Switzerland)</i> , <b>2016</b> , 8, 596	3	7

48	EDITOR'S CHOICE: How much would it cost to monitor farmland biodiversity in Europe?. <i>Journal of Applied Ecology</i> , <b>2016</b> , 53, 140-149	5.8	14
47	The role of policy priorities and targeting in the spatial location of participation in Agri-Environmental Schemes in Emilia-Romagna (Italy). <i>Land Use Policy</i> , <b>2015</b> , 47, 78-89	5.6	27
46	Assessing the role of economic actors in the production of private and public goods in three EU agricultural landscapes. <i>Journal of Environmental Planning and Management</i> , <b>2015</b> , 58, 2113-2136	2.8	11
45	A Bayesian network highlighting the linkages between landscape structure and the local economy: the case of agritourism in lowland areas of Northern Italy. <i>Journal of Environmental Planning and Management</i> , <b>2015</b> , 58, 2137-2158	2.8	6
44	Improving value transfer through socio-economic adjustments in a multicountry choice experiment of water conservation alternatives. <i>Australian Journal of Agricultural and Resource Economics</i> , <b>2015</b> , 59, 458-478	2.4	28
43	Adapting to climate change: the social perception of voluntary water transfers in the Italian context. <i>International Journal of Sustainable Agricultural Management and Informatics</i> , <b>2015</b> , 1, 26	0.3	5
42	Applying a System Dynamics Approach for Modeling Groundwater Dynamics to Depletion under Different Economical and Climate Change Scenarios. <i>Water (Switzerland)</i> , <b>2015</b> , 7, 5258-5271	3	24
41	Assessing the impact of RDP agri-environment measures on the use of nitrogen-based mineral fertilizers through spatial econometrics: The case study of Emilia-Romagna (Italy). <i>Ecological Indicators</i> , <b>2015</b> , 59, 27-40	5.8	15
40	Agricultural policies and the emergence of voluntary landscape enhancement efforts: an exploratory analysis of rural tourism using an agent-based model. <i>Journal of Environmental Planning and Management</i> , <b>2015</b> , 58, 2159-2175	2.8	8
39	Do agri-environmental schemes contribute to high nature value farmland? A case study in Emilia-Romagna (Italy). <i>Ecological Indicators</i> , <b>2015</b> , 59, 62-69	5.8	9
38	European agricultural landscapes, common agricultural policy and ecosystem services: a review. <i>Agronomy for Sustainable Development</i> , <b>2014</b> , 34, 309-325	6.8	193
37	Estimating the cost of different strategies for measuring farmland biodiversity: Evidence from a Europe-wide field evaluation. <i>Ecological Indicators</i> , <b>2014</b> , 45, 434-443	5.8	17
36	SMEs' Preference for Innovation Networks: A Choice Experimental Approach. <i>Creativity and Innovation Management</i> , <b>2014</b> , 23, 415-435	2.7	14
35	Water harvesting reservoirs with internal water reallocation: a case study in Emilia Romagna, Italy <b>2014</b> , 63, 489-496		3
34	Water Management and Institutional Adaptation Strategies in the Irrigation Sector: Two Experiences in Emilia-Romagna <b>2014</b> , 26-47		
33	Modelling and interpreting the impact of policy and price scenarios on farm-household sustainability: Farming systems vs. result-driven clustering. <i>Environmental Modelling and Software</i> , <b>2013</b> , 43, 96-108	5.2	8
32	New advances in the integrated management of food processing by-products in Europe: sustainable exploitation of fruit and cereal processing by-products with the production of new food products (NAMASTE EU). <i>New Biotechnology</i> , <b>2013</b> , 30, 647-55	6.4	39
31	The common agricultural policy and the determinants of changes in EU farm size. <i>Land Use Policy</i> , <b>2013</b> , 31, 126-135	5.6	60

30	The effects of the Common Agricultural Policy on exit strategies and land re-allocation. <i>Land Use Policy</i> , <b>2013</b> , 31, 114-125	5.6	33
29	The role of the EU Common Agricultural Policy: Assessing multiple effects in alternative policy scenarios. <i>Land Use Policy</i> , <b>2013</b> , 31, 99-101	5.6	16
28	Spatial Patterns of Change in Agriculture and the Role of the Common Agricultural Policy. <i>Outlook on Agriculture</i> , <b>2013</b> , 42, 25-32	2.9	5
27	Pricing Policies in Managing Water Resources in Agriculture: An Application of Contract Theory to Unmetered Water. <i>Water (Switzerland)</i> , <b>2013</b> , 5, 1502-1516	3	13
26	An Assessment of Disproportionate Costs in WFD: The Experience of Emilia-Romagna. <i>Water (Switzerland)</i> , <b>2013</b> , 5, 1967-1995	3	14
25	The Common Agricultural Policy after 2013. <i>Intereconomics</i> , <b>2012</b> , 47, 316-342	1.4	15
24	Modelling the Linkages between Cross-Compliance and Agri-Environmental Schemes Under Asymmetric Information. <i>Journal of Agricultural Economics</i> , <b>2012</b> , 63, 310-330	3.7	27
23	An analysis of policy scenario effects on the adoption of energy production on the farm: A case study in Emilia-Romagna (Italy). <i>Energy Policy</i> , <b>2012</b> , 51, 454-464	7.2	25
22	Optimal design of cross-compliance under asymmetric information. <i>Food Economics: the Official Journal of the Nordic Association of Agricultural Scientists (NJF)</i> , <b>2012</b> , 9, 87-94		1
21	Assessing the costs of measuring biodiversity: Methodological and empirical issues. <i>Food Economics: the Official Journal of the Nordic Association of Agricultural Scientists (NJF)</i> , <b>2012</b> , 9, 2-9		2
20	Understanding the determinants of investment reactions to decoupling of the Common Agricultural Policy. <i>Land Use Policy</i> , <b>2011</b> , 28, 495-505	5.6	19
19	Farm-household investment behaviour and the CAP decoupling: Methodological issues in assessing policy impacts. <i>Journal of Policy Modeling</i> , <b>2011</b> , 33, 127-145	2.4	31
18	Groundwater balance and conservation under different water pricing and agricultural policy scenarios: A case study of the Hamadan-Bahar plain. <i>Ecological Economics</i> , <b>2011</b> , 70, 863-872	5.6	37
17	Designing contracts for irrigation water under asymmetric information: Are simple pricing mechanisms enough?. <i>Agricultural Water Management</i> , <b>2010</b> , 97, 1326-1332	5.9	23
16	The impact of EU common agricultural policy decoupling on farm households: Income vs. investment effects. <i>Intereconomics</i> , <b>2010</b> , 45, 188-192	1.4	6
15	Recent developments in multi-criteria evaluation of regulations. <i>Quality Assurance and Safety of Crops and Foods</i> , <b>2010</b> , 2, 182-196	1.5	9
14	An integer programming dynamic farm-household model to evaluate the impact of agricultural policy reforms on farm investment behaviour. <i>European Journal of Operational Research</i> , <b>2010</b> , 207, 1130-1139	5.6	18
13	Combining linear programming and principal-agent models: An example from environmental regulation in agriculture. <i>Environmental Modelling and Software</i> , <b>2009</b> , 24, 703-710	5.2	13

12	Ex post environmental evaluation of agri-environment schemes using experts' judgements and multicriteria analysis. <i>Journal of Environmental Planning and Management</i> , <b>2009</b> , 52, 717-737	2.8	47
11	Estimating demand for irrigation water in European Mediterranean countries through MCDM models. <i>Water Policy</i> , <b>2009</b> , 11, 348-361	1.6	13
10	Evaluation of economic impact of climatic change on agro-forestry systems. <i>Italian Journal of Agronomy</i> , <b>2009</b> , 4, 33	1.4	
9	Implementing the water framework directive: contract design and the cost of measures to reduce nitrogen pollution from agriculture. <i>Environmental Management</i> , <b>2007</b> , 40, 567-77	3.1	22
8	The impact of water and agriculture policy scenarios on irrigated farming systems in Italy: An analysis based on farm level multi-attribute linear programming models. <i>Agricultural Systems</i> , <b>2007</b> , 93, 90-114	6.1	120
7	The value of water for the landscape and the rural environment. <i>Italian Journal of Agronomy</i> , <b>2006</b> , 1, 569	1.4	
6	The potential impact of markets for irrigation water in Italy and Spain: a comparison of two study areas*. <i>Australian Journal of Agricultural and Resource Economics</i> , <b>2006</b> , 50, 361-380	2.4	44
5	Evaluation of markets for irrigation water in the internal river basins of Catalonia, Spain. <i>Spanish Journal of Agricultural Research</i> , <b>2006</b> , 4, 3	1.1	8
4	The sustainability of irrigated agricultural systems under the Water Framework Directive: first results. <i>Environmental Modelling and Software</i> , <b>2005</b> , 20, 165-175	5.2	38
3	Ex-Post Analyses of Agri-Environment Schemes		23-38 1
2	Building long-term vision for rural areas through multi-actor platforms: a preliminary study in the Emilia-Romagna region. <i>Open Research Europe</i> , 1, 41		
1	Building long-term vision for rural areas through multi-actor platforms: a preliminary study in the Emilia-Romagna region. <i>Open Research Europe</i> , 1, 41		