List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6676533/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The Status under EU Law of Organisms Developed through Novel Genomic Techniques. European Journal of Risk Regulation, 2023, 14, 93-112.	0.8	22
2	Adaptive business arrangements and the creation of social capital: Towards smallâ€scale fisheries resilience in different European geographical areas. Sociologia Ruralis, 2022, 62, 44-67.	1.8	4
3	Morphological characterization reveals new insights into giant cell development of Meloidogyne graminicola on rice. Planta, 2022, 255, 70.	1.6	2
4	First Evidence of Feeding-Induced RNAi in Banana Weevil via Exogenous Application of dsRNA. Insects, 2022, 13, 40.	1.0	4
5	The Bioeconomy in economic literature: looking back, looking ahead. Bio-based and Applied Economics, 2022, 10, 169-184.	0.4	4
6	EUTR implementation in the Italian wood-energy sector: Role and impact of (ongoing) digitalisation. Forest Policy and Economics, 2022, 141, 102758.	1.5	3
7	Do differential payments for agri-environment schemes affect the environmental benefits? A case study in the North-Eastern Italy. Land Use Policy, 2021, 107, 104862.	2.5	25
8	<i>Rotylenchus wimbii</i> n. sp. (Nematoda: Hoplolaimidae) associated with finger millet in Kenya. Journal of Nematology, 2021, 53, 1-14.	0.4	3
9	Agricultural cooperatives contributing to the alleviation of rural poverty. The case of Konjic (Bosnia) Tj ETQq1 1 ().784314 r 2.1	gBT /Overloc
10	Toward genetic modification of plant-parasitic nematodes: delivery of macromolecules to adults and expression of exogenous mRNA in second stage juveniles. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	9
11	Plasmodesmata play pivotal role in sucrose supply to <i>Meloidogyne graminicola</i> â€caused giant cells in rice. Molecular Plant Pathology, 2021, 22, 539-550.	2.0	11
12	Implications of a food system approach for policy agenda-setting design. Global Food Security, 2021, 28, 100451.	4.0	22
13	Innovative Contract Solutions for the Provision of Agri-Environmental Climatic Public Goods: A Literature Review. Sustainability, 2021, 13, 6936.	1.6	12
14	Digital transformation of agriculture and rural areas: A socio-cyber-physical system framework to support responsibilisation. Journal of Rural Studies, 2021, 85, 79-90.	2.1	131
15	Pathogens pulling the strings: Effectors manipulating salicylic acid and phenylpropanoid biosynthesis in plants. Molecular Plant Pathology, 2021, 22, 1436-1448.	2.0	28
16	Recent applications of biotechnological approaches to elucidate the biology of plant–nematode interactions. Current Opinion in Biotechnology, 2021, 70, 122-130.	3.3	12
17	Digitalization and migration: the role of social media and migrant networks in migration decisions. An exploratory study in Nigeria. Digital Policy, Regulation and Governance, 2021, 23, 5-20.	1.0	10
18	Nitrogen pollution policy beyond the farm. Nature Food, 2020, 1, 27-32.	6.2	111

2

#	Article	IF	CITATIONS
19	International migration, remittance and food security during food crises: the case study of Nigeria. Food Security, 2020, 12, 207-220.	2.4	26
20	How does international migration impact on rural areas in developing countries? A systematic review. Journal of Rural Studies, 2020, 80, 273-290.	2.1	6
21	The Impact of Changes in Regulatory and Market Environment on Sustainability of Wine Producers: A Structural Equation Model. Wine Economics and Policy, 2020, 9, 51-61.	1.3	3
22	Chorismate mutase and isochorismatase, two potential effectors of the migratory nematode <i>Hirschmanniella oryzae</i> , increase host susceptibility by manipulating secondary metabolite content of rice. Molecular Plant Pathology, 2020, 21, 1634-1646.	2.0	12
23	Pathogenicity of the root-lesion nematode, Pratylenchus zeae, on rice genotypes under different hydro-ecologies in Tanzania. Nematology, 2020, 22, 221-233.	0.2	3
24	Small Farming and Food and Nutrition Security. Research in Rural Sociology and Development, 2020, , 19-38.	0.3	0
25	Comparison of the penetration, development and reproduction of Meloidogyne javanica and M. graminicola on partially resistant Oryza sativa cultivars from East Africa. Nematology, 2020, 22, 381-399.	0.2	3
26	The Vulnerability of Food Systems. Research in Rural Sociology and Development, 2020, , 69-105.	0.3	1
27	Small Farms' Behaviour: Conditions, Strategies and Performances. Research in Rural Sociology and Development, 2020, , 125-169.	0.3	1
28	Exploring institutional arrangements for local fish product labelling in Tuscany (Italy): a convention theory perspective. Agricultural and Food Economics, 2020, 8, .	1.3	7
29	Development of a novel and rapid phenotype-based screening method to assess rice seedling growth. Plant Methods, 2020, 16, 139.	1.9	4
30	Unpacking Food Systems. Research in Rural Sociology and Development, 2020, , 39-67.	0.3	0
31	Demand-Side Food Policies for Public and Planetary Health. Sustainability, 2020, 12, 5924.	1.6	22
32	Analysis of Asian Rice (<i>Oryza sativa</i>) Genotypes Reveals a New Source of Resistance to the Root-Knot Nematode <i>Meloidogyne javanica</i> and the Root-Lesion Nematode <i>Pratylenchus zeae</i> . Phytopathology, 2020, 110, 1572-1577.	1.1	4
33	Rootâ€knot nematodes induce gall formation by recruiting developmental pathways of postâ€embryonic organogenesis and regeneration to promote transient pluripotency. New Phytologist, 2020, 227, 200-215.	3.5	41
34	How can policy processes remove barriers to sustainable food systems in Europe? Contributing to a policy framework for agri-food transitions. Food Policy, 2020, 96, 101871.	2.8	57
35	Improving Policy Evidence Base for Agricultural Sustainability and Food Security: A Content Analysis of Life Cycle Assessment Research. Sustainability, 2020, 12, 1033.	1.6	21
36	New Evaluation of Small Farms: Implication for an Analysis of Food Security. Agriculture (Switzerland), 2020, 10, 74.	1.4	8

#	Article	IF	CITATIONS
37	Ascorbate oxidation activates systemic defence against root-knot nematode Meloidogyne graminicola in rice. Journal of Experimental Botany, 2020, 71, 4271-4284.	2.4	26
38	Salicylic Acid Biosynthesis in Plants. Frontiers in Plant Science, 2020, 11, 338.	1.7	285
39	Research meetings must be more sustainable. Nature Food, 2020, 1, 187-189.	6.2	7
40	Food Trade and Global Value Chain. , 2019, , 82-87.		0
41	Farmers' Willingness to Adopt Late Blight-Resistant Genetically Modified Potatoes. Agronomy, 2019, 9, 280.	1.3	15
42	Systemic defense activation by COS-OGA in rice against root-knot nematodes depends on stimulation of the phenylpropanoid pathway. Plant Physiology and Biochemistry, 2019, 142, 202-210.	2.8	45
43	Explaining regional dynamics of marketing strategies: The experience of the Tuscan wine producers. Journal of Rural Studies, 2019, 72, 136-152.	2.1	20
44	The horizontal gene transfer of Agrobacterium T-DNAs into the series Batatas (Genus Ipomoea) genome is not confined to hexaploid sweetpotato. Scientific Reports, 2019, 9, 12584.	1.6	18
45	Understanding the Spatial Agglomeration of Participation in Agri-Environmental Schemes: The Case of the Tuscany Region. Sustainability, 2019, 11, 2753.	1.6	13
46	Strigolactones enhance rootâ€knot nematode (<i>Meloidogyne graminicola</i>) infection in rice by antagonizing the jasmonate pathway. New Phytologist, 2019, 224, 454-465.	3.5	47
47	QTL-seq reveals a major root-knot nematode resistance locus on chromosome 11 in rice (Oryza sativa) Tj ETQq1	1 0.78431 0.6	4 rgBT /Over
48	Nuclease activity decreases the RNAi response in the sweetpotato weevil Cylas puncticollis. Insect Biochemistry and Molecular Biology, 2019, 110, 80-89.	1.2	60
49	A structural equation model to assess the impact of agricultural research expenditure on multiple dimensions. Quality and Quantity, 2019, 53, 2063-2080.	2.0	1
50	Farmers' Preferences for Cotton Cultivation Characteristics: A Discrete Choice Experiment in Burkina Faso. Agronomy, 2019, 9, 841.	1.3	2
51	Jasmonate-Induced Defense Mechanisms in the Belowground Antagonistic Interaction Between Pythium arrhenomanes and Meloidogyne graminicola in Rice. Frontiers in Plant Science, 2019, 10, 1515.	1.7	15
52	Adaptation strategies of small-scale fisheries within changing market and regulatory conditions in the EU. Marine Policy, 2019, 100, 316-323.	1.5	36
53	Phytoparasitic Nematode Control of Plant Hormone Pathways. Plant Physiology, 2019, 179, 1212-1226.	2.3	94
54	A Reflection of the Use of the Life Cycle Assessment Tool for Agri-Food Sustainability. Sustainability, 2019, 11, 71.	1.6	28

#	Article	IF	CITATIONS
55	A <i>Meloidogyne graminicola</i> Câ€type lectin, Mg01965, is secreted into the host apoplast to suppress plant defence and promote parasitism. Molecular Plant Pathology, 2019, 20, 346-355.	2.0	31
56	Wine Market Segmentation Considering New Consumption Trend: Focusing on Korea Wine Festival Participants. Korean Agricultural Economics Association, 2019, 60, 153-175.	0.5	4
57	Scientific Innovation for The Sustainable Development of African Agriculture. Afrika Focus, 2019, 32, 117-133.	0.1	2
58	Gibberellin antagonizes jasmonateâ€induced defense against <i>Meloidogyne graminicola</i> in rice. New Phytologist, 2018, 218, 646-660.	3.5	71
59	Standardized genetic diversityâ€life history correlates for improved genetic resource management of Neotropical trees. Diversity and Distributions, 2018, 24, 730-741.	1.9	21
60	Farmers' knowledge and opinions towards bollgard II® implementation in cotton production in western Burkina Faso. New Biotechnology, 2018, 42, 33-41.	2.4	15
61	Structural factors of labour allocation for farm diversification activities. Land Use Policy, 2018, 71, 204-212.	2.5	24
62	Variables Affecting Secondary School Students' Willingness to Eat Genetically Modified Food Crops. Research in Science Education, 2018, 48, 597-618.	1.4	9
63	Mechanisms of resistance in the rice cultivar Manikpukha to the rice stem nematode <i>Ditylenchus angustus</i> . Molecular Plant Pathology, 2018, 19, 1391-1402.	2.0	22
64	Linking Sustainability with Geographical Proximity in Food Supply Chains. An Indicator Selection Framework. Agriculture (Switzerland), 2018, 8, 130.	1.4	9
65	Trace analysis of multi-class phytohormones in Oryza sativa using different scan modes in high-resolution Orbitrap mass spectrometry: method validation, concentration levels, and screening in multiple accessions. Analytical and Bioanalytical Chemistry, 2018, 410, 4527-4539.	1.9	28
66	Farmers' valuation of transgenic biofortified sorghum for nutritional improvement in Burkina Faso: A latent class approach. Food Policy, 2018, 79, 132-140.	2.8	9
67	The Globodera pallida SPRYSEC Effector GpSPRY-414-2 That Suppresses Plant Defenses Targets a Regulatory Component of the Dynamic Microtubule Network. Frontiers in Plant Science, 2018, 9, 1019.	1.7	31
68	Gibberellin reduces the susceptibility of rice, Oryza sativa, toÂtheÂmigratory nematode Hirschmanniella oryzae. Nematology, 2018, 20, 703-709.	0.2	5
69	The <i>Meloidogyne graminicola</i> effector Mg16820 is secreted in the apoplast and cytoplasm to suppress plant host defense responses. Molecular Plant Pathology, 2018, 19, 2416-2430.	2.0	52
70	Typology and distribution of small farms in Europe: Towards a better picture. Land Use Policy, 2018, 75, 784-798.	2.5	110
71	On farm non-agricultural activities: geographical determinants of diversification and intensification strategy. Letters in Spatial and Resource Sciences, 2017, 10, 17-29.	1.2	21
72	RNAi-based gene silencing through dsRNA injection or ingestion against the African sweet potato weevil <i>Cylas puncticollis</i> (Coleoptera: Brentidae). Pest Management Science, 2017, 73, 44-52.	1.7	81

#	Article	IF	CITATIONS
73	Below-Ground Attack by the Root Knot Nematode <i>Meloidogyne graminicola</i> Predisposes Rice to Blast Disease. Molecular Plant-Microbe Interactions, 2017, 30, 255-266.	1.4	28
74	Knowledge networks and their role in shaping the relations within the Agricultural Knowledge and Innovation System in the agroenergy sector. The case of biogas in Tuscany (Italy). Journal of Rural Studies, 2017, 56, 100-113.	2.1	29
75	Transcriptomic and histological responses of African rice (Oryza glaberrima) to Meloidogyne graminicola provide new insights into root-knot nematode resistance in monocots. Annals of Botany, 2017, 119, 885-899.	1.4	54
76	Shaping food systems towards improved nutrition: a case study on Tuscan Bread Protected Designation of Origin. International Food and Agribusiness Management Review, 2017, 20, 533-552.	0.8	16
77	Horizontal Gene Transfer Contributes to Plant Evolution: The Case of Agrobacterium T-DNAs. Frontiers in Plant Science, 2017, 8, 2015.	1.7	44
78	Why Organic Farming Should Embrace Co-Existence with Cisgenic Late Blight–Resistant Potato. Sustainability, 2017, 9, 172.	1.6	16
79	The Distribution of Lectins across the Phylum Nematoda: A Genome-Wide Search. International Journal of Molecular Sciences, 2017, 18, 91.	1.8	34
80	Biogas and EU's 2020 targets: Evidence from a regional case study in Italy. Energy Policy, 2017, 109, 510-519.	4.2	26
81	Handling Diversity of Visions and Priorities in Food Chain Sustainability Assessment. Sustainability, 2016, 8, 305.	1.6	16
82	Spatial analysis of the participation in agri-environment measures for organic farming. Renewable Agriculture and Food Systems, 2016, 31, 375-386.	0.8	22
83	RNA interference: a promising biopesticide strategy against the African Sweetpotato Weevil Cylas brunneus. Scientific Reports, 2016, 6, 38836.	1.6	40
84	Early development of the root-knot nematode Meloidogyne incognita. BMC Developmental Biology, 2016, 16, 10.	2.1	19
85	Redirection of auxin flow inArabidopsis thalianaroots after infection by root-knot nematodes. Journal of Experimental Botany, 2016, 67, 4559-4570.	2.4	69
86	Thiamineâ€induced priming against rootâ€knot nematode infection in rice involves lignification and hydrogen peroxide generation. Molecular Plant Pathology, 2016, 17, 614-624.	2.0	54
87	A genome-wide association study of a global rice panel reveals resistance inOryza sativato root-knot nematodes. Journal of Experimental Botany, 2016, 67, 1191-1200.	2.4	63
88	Analysis of fungal endophytes associated with rice roots from irrigated and upland ecosystems in Kenya. Plant and Soil, 2016, 405, 371-380.	1.8	23
89	Design of a modular Autonomous Underwater Vehicle for archaeological investigations. , 2015, , .		19

 $_{90}$ Transcriptome Analysis and Systemic RNAi Response in the African Sweetpotato Weevil (Cylas) Tj ETQq0 0 0 rgBT $_{1.1}^{10}$ Cycrlock 10 Tf 50 62

FABIO BARTOLINI

#	Article	IF	CITATIONS
91	Only a small subset of the SPRY domain gene family in Globodera pallida is likely to encode effectors, two of which suppress host defences induced by the potato resistance gene Gpa2. Nematology, 2015, 17, 409-424.	0.2	46
92	Biochar-amended potting medium reduces the susceptibility of rice to root-knot nematode infections. BMC Plant Biology, 2015, 15, 267.	1.6	92
93	The role of thionins in rice defence against root pathogens. Molecular Plant Pathology, 2015, 16, 870-881.	2.0	33
94	β-Aminobutyric Acid–Induced Resistance Against Root-Knot Nematodes in Rice Is Based on Increased Basal Defense. Molecular Plant-Microbe Interactions, 2015, 28, 519-533.	1.4	75
95	Impacts of the CAP 2014–2020 on the Agroenergy Sector in Tuscany, Italy. Energies, 2015, 8, 1058-1079.	1.6	13
96	The role of policy priorities and targeting in the spatial location of participation in Agri-Environmental Schemes in Emilia-Romagna (Italy). Land Use Policy, 2015, 47, 78-89.	2.5	30
97	The genome of cultivated sweet potato contains <i>Agrobacterium</i> T-DNAs with expressed genes: An example of a naturally transgenic food crop. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5844-5849.	3.3	236
98	Removing Bt eggplant from the face of Indian regulators. Nature Biotechnology, 2015, 33, 904-907.	9.4	5
99	Sustainability assessment of food supply chains: an application to local and global bread in Italy. Agricultural and Food Economics, 2015, 3, .	1.3	64
100	An anti-capsize strategy for industrial vehicles: Preliminary testing on a scaled AGV. , 2014, , .		1
101	Fusing acoustic ranges and inertial measurements in AUV navigation: The Typhoon AUV at CommsNet13 sea trial. , 2014, , .		7
102	Understanding linkages between common agricultural policy and High Nature Value (HNV) farmland provision: an empirical analysis in Tuscany Region. Agricultural and Food Economics, 2014, 2, .	1.3	11
103	DTREEv2, a computer-based support system for the risk assessment of genetically modified plants. New Biotechnology, 2014, 31, 166-171.	2.4	1
104	Present status of bacterial blight in cotton genotypes evaluated at Busia and Siaya counties of Western Kenya. European Journal of Plant Pathology, 2014, 139, 863-874.	0.8	4
105	Sensitivity towards DMI fungicides and haplotypic diversity of their CYP51 target in the Mycosphaerella graminicola population of Flanders. Journal of Plant Diseases and Protection, 2014, 121, 156-163.	1.6	6
106	The common agricultural policy and the determinants of changes in EU farm size. Land Use Policy, 2013, 31, 126-135.	2.5	84
107	Transcriptional silencing of RNAi constructs against nematodeÂgenes in Arabidopsis. Nematology, 2013, 15, 519-528.	0.2	12
108	Local Agri-food Systems in a Global World: Market, Social and Environmental Challenges. European Review of Agricultural Economics, 2013, 40, 408-411.	1.5	2

#	Article	IF	CITATIONS
109	Spatial Patterns of Change in Agriculture and the Role of the Common Agricultural Policy. Outlook on Agriculture, 2013, 42, 25-32.	1.8	5
110	Optimal design of cross-compliance under asymmetric information. Food Economics: the Official Journal of the Nordic Association of Agricultural Scientists (NJF), 2012, 9, 87-94.	0.2	1
111	Abscisic acid interacts antagonistically with classical defense pathways in rice–migratory nematode interaction. New Phytologist, 2012, 196, 901-913.	3.5	120
112	Transcriptional reprogramming by root knot and migratory nematode infection in rice. New Phytologist, 2012, 196, 887-900.	3.5	157
113	Modelling the Linkages between Crossâ€Compliance and Agriâ€Environmental Schemes Under Asymmetric Information. Journal of Agricultural Economics, 2012, 63, 310-330.	1.6	29
114	A numerical model of a HIL scaled roller rig for simulation of wheel–rail degraded adhesion condition. Vehicle System Dynamics, 2012, 50, 775-804.	2.2	12
115	An analysis of policy scenario effects on the adoption of energy production on the farm: A case study in Emilia–Romagna (Italy). Energy Policy, 2012, 51, 454-464.	4.2	29
116	Design and optimization of a semi-active suspension system for railway applications. Journal of Modern Transportation, 2011, 19, 223-232.	2.5	17
117	How nematodes manipulate plant development pathways for infection. Current Opinion in Plant Biology, 2011, 14, 415-421.	3.5	260
118	Groundwater balance and conservation under different water pricing and agricultural policy scenarios: A case study of the Hamadan-Bahar plain. Ecological Economics, 2011, 70, 863-872.	2.9	45
119	What do agri-environmental measures actually promote? An investigation on AES objectives for the EU 2000-2006 rural development program. Spanish Journal of Agricultural Research, 2011, 9, 7.	0.3	7
120	Design of control system to prevent forklift capsize. International Journal of Vehicle Systems Modelling and Testing, 2010, 5, 35.	0.1	9
121	Analysis of ITS of the rDNA to infer phylogenetic relationships among Vietnamese Citrus accessions. Genetic Resources and Crop Evolution, 2010, 57, 183-192.	0.8	16
122	Recent developments in multi-criteria evaluation of regulations. Quality Assurance and Safety of Crops and Foods, 2010, 2, 182-196.	1.8	13
123	Water management and irrigated agriculture in Italy: multicriteria analysis of alternative policy scenarios. Water Policy, 2010, 12, 135-147.	0.7	17
124	Designing contracts for irrigation water under asymmetric information: Are simple pricing mechanisms enough?. Agricultural Water Management, 2010, 97, 1326-1332.	2.4	28
125	Evaluation of economic impact of climatic change on agro-forestry systems. Italian Journal of Agronomy, 2009, 4, 33.	0.4	0
126	Combining linear programming and principal–agent models: An example from environmental regulation in agriculture. Environmental Modelling and Software, 2009, 24, 703-710.	1.9	18

#	Article	IF	CITATIONS
127	<i>Ex post</i> environmental evaluation of agri-environment schemes using experts' judgements and multicriteria analysis. Journal of Environmental Planning and Management, 2009, 52, 717-737.	2.4	54
128	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. Agricultural Systems, 2007, 93, 90-114.	3.2	134
129	RNAi from plants to nematodes. Trends in Biotechnology, 2007, 25, 89-92.	4.9	118
130	Implementing the Water Framework Directive: Contract Design and the Cost of Measures to Reduce Nitrogen Pollution from Agriculture. Environmental Management, 2007, 40, 567-577.	1.2	24
131	Isolation and characterization of microsatellite loci in the highland papaya Vasconcellea�×heilbornii V. Badillo (Caricaceae). Molecular Ecology Notes, 2005, 5, 590-592.	1.7	4
132	An abscisic-acid- and salt-stress-responsive rice cDNA from a novel plant gene family. Planta, 1997, 202, 443-454.	1.6	90
133	Induction of cdc2a and cyc1At expression in Arabidopsis thaliana during early phases of nematode-induced feeding cell formation. Plant Journal, 1996, 10, 1037-1043.	2.8	125
134	Ex-Post Analyses of Agri-Environment Schemes. , 0, , 23-38.		1
135	Sustainability Performance of Local vs Global Food Supply Chains: The Case of Bread Chains in Italy. , 0, , .		2
136	Understanding Integration Experience and Wellbeing of Economic-Asylum Seekers in Italy: the Case of Nigerian Immigrants. Journal of International Migration and Integration, 0, , 1.	0.8	2