

Marco Bindi

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

11,347
citations

36203

51
h-index

31759

101
g-index

166
all docs

166
docs citations

166
times ranked

11631
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of an algorithm for automated phenotyping through plant 3D-modeling: A practical application on the early detection of water stress. <i>Computers and Electronics in Agriculture</i> , 2022, 197, 106937.	3.7	19
2	Priority for climate adaptation measures in European crop production systems. <i>European Journal of Agronomy</i> , 2022, 138, 126516.	1.9	23
3	A Novel Hyperspectral Method to Detect Moldy Core in Apple Fruits. <i>Sensors</i> , 2022, 22, 4479.	2.1	9
4	Use of Sentinel-2 Derived Vegetation Indices for Estimating fPAR in Olive Groves. <i>Agronomy</i> , 2022, 12, 1540.	1.3	7
5	Coupling proximal sensing, seasonal forecasts and crop modelling to optimize nitrogen variable rate application in durum wheat. <i>Precision Agriculture</i> , 2021, 22, 75-98.	3.1	19
6	Assessing climate change impacts on crops by adopting a set of crop performance indicators. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2021, 6, 1.	0.6	9
7	Yield Response of an Ensemble of Potato Crop Models to Elevated CO ₂ in Continental Europe. <i>European Journal of Agronomy</i> , 2021, 126, 126265.	1.9	6
8	Climate change impacts on the Alpine, Continental and Mediterranean grassland systems of Italy: A review. <i>Italian Journal of Agronomy</i> , 2021, 16, .	0.4	8
9	Methodology to assess the changing risk of yield failure due to heat and drought stress under climate change. <i>Environmental Research Letters</i> , 2021, 16, 104033.	2.2	6
10	Evaluating the Potential of Legumes to Mitigate N ₂ O Emissions From Permanent Grassland Using Process-Based Models. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006561.	1.9	15
11	Understanding effects of genotype × environment × sowing window interactions for durum wheat in the Mediterranean basin. <i>Field Crops Research</i> , 2020, 259, 107969.	2.3	18
12	Expected Changes to Alpine Pastures in Extent and Composition under Future Climate Conditions. <i>Agronomy</i> , 2020, 10, 926.	1.3	21
13	Potential Impact of Climate Change on the Forest Coverage and the Spatial Distribution of 19 Key Forest Tree Species in Italy under RCP4.5 IPCC Trajectory for 2050s. <i>Forests</i> , 2020, 11, 934.	0.9	16
14	Performances Evaluation of a Low-Cost Platform for High-Resolution Plant Phenotyping. <i>Sensors</i> , 2020, 20, 3150.	2.1	14
15	Uncertainties in simulating N uptake, net N mineralization, soil mineral N and N leaching in European crop rotations using process-based models. <i>Field Crops Research</i> , 2020, 255, 107863.	2.3	23
16	Phenological Model Intercomparison for Estimating Grapevine Budbreak Date (<i>Vitis vinifera</i> L.) in Europe. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3800.	1.3	20
17	Carbon sequestration capacity and productivity responses of Mediterranean olive groves under future climates and management options. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 467-491.	1.0	18
18	Combination of ground and remote sensing data to assess carbon stock changes in the main urban park of Florence. <i>Urban Forestry and Urban Greening</i> , 2019, 43, 126377.	2.3	7

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19	The human imperative of stabilizing global climate change at 1.5°C. <i>Science</i> , 2019, 365, .	6.0	498
20	Species distribution modelling to support forest management. A literature review. <i>Ecological Modelling</i> , 2019, 411, 108817.	1.2	116
21	Reply to Snowdon et al. and Piepho: Genetic response diversity to provide yield stability of cultivar groups deserves attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10627-10629.	3.3	7
22	Management and spatial resolution effects on yield and water balance at regional scale in crop models. <i>Agricultural and Forest Meteorology</i> , 2019, 275, 184-195.	1.9	22
23	Impacts of climate change on the gross primary production of Italian forests. <i>Annals of Forest Science</i> , 2019, 76, 1.	0.8	15
24	A simple model simulating development and growth of an olive grove. <i>European Journal of Agronomy</i> , 2019, 105, 129-145.	1.9	32
25	Modelling biological N fixation and grass-legume dynamics with process-based biogeochemical models of varying complexity. <i>European Journal of Agronomy</i> , 2019, 106, 58-66.	1.9	12
26	Decline in climate resilience of European wheat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 123-128.	3.3	144
27	Effects of input data aggregation on simulated crop yields in temperate and Mediterranean climates. <i>European Journal of Agronomy</i> , 2019, 103, 32-46.	1.9	16
28	Global wheat production with 1.5 and 2.0°C above pre-industrial warming. <i>Global Change Biology</i> , 2019, 25, 1428-1444.	4.2	107
29	Climate change impact and adaptation for wheat protein. <i>Global Change Biology</i> , 2019, 25, 155-173.	4.2	312
30	Implications of crop model ensemble size and composition for estimates of adaptation effects and agreement of recommendations. <i>Agricultural and Forest Meteorology</i> , 2019, 264, 351-362.	1.9	35
31	Modelling sugar and acid content in Sangiovese grapes under future climates: an Italian case study. <i>Climate Research</i> , 2019, 78, 211-224.	0.4	19
32	Reviewing climatic traits for the main forest tree species in Italy. <i>IForest</i> , 2019, 12, 173-180.	0.5	14
33	Adaptation response surfaces for managing wheat under perturbed climate and CO ₂ in a Mediterranean environment. <i>Agricultural Systems</i> , 2018, 159, 260-274.	3.2	68
34	Classifying multi-model wheat yield impact response surfaces showing sensitivity to temperature and precipitation change. <i>Agricultural Systems</i> , 2018, 159, 209-224.	3.2	47
35	Late spring frost impacts on future grapevine distribution in Europe. <i>Field Crops Research</i> , 2018, 222, 197-208.	2.3	65
36	Contribution of crop model structure, parameters and climate projections to uncertainty in climate change impact assessments. <i>Global Change Biology</i> , 2018, 24, 1291-1307.	4.2	149

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37	Sensitivity of European wheat to extreme weather. <i>Field Crops Research</i> , 2018, 222, 209-217.	2.3	101
38	Physical robustness of canopy temperature models for crop heat stress simulation across environments and production conditions. <i>Field Crops Research</i> , 2018, 216, 75-88.	2.3	36
39	Diverging importance of drought stress for maize and winter wheat in Europe. <i>Nature Communications</i> , 2018, 9, 4249.	5.8	230
40	The response of process-based agro-ecosystem models to within-field variability in site conditions. <i>Field Crops Research</i> , 2018, 228, 1-19.	2.3	25
41	A model library to simulate grapevine growth and development: software implementation, sensitivity analysis and field level application. <i>European Journal of Agronomy</i> , 2018, 99, 92-105.	1.9	18
42	Simulation of Soil Organic Carbon Effects on Long-Term Winter Wheat (<i>Triticum aestivum</i>) Production Under Varying Fertilizer Inputs. <i>Frontiers in Plant Science</i> , 2018, 9, 1158.	1.7	21
43	Multi-model uncertainty analysis in predicting grain N for crop rotations in Europe. <i>European Journal of Agronomy</i> , 2017, 84, 152-165.	1.9	35
44	Effectiveness of passive measures against climate change: Case studies in Central Italy. <i>Building Simulation</i> , 2017, 10, 459-479.	3.0	35
45	Review and analysis of strengths and weaknesses of agro-ecosystem models for simulating C and N fluxes. <i>Science of the Total Environment</i> , 2017, 598, 445-470.	3.9	157
46	Contribution of Crop Models to Adaptation in Wheat. <i>Trends in Plant Science</i> , 2017, 22, 472-490.	4.3	201
47	The implication of input data aggregation on up-scaling soil organic carbon changes. <i>Environmental Modelling and Software</i> , 2017, 96, 361-377.	1.9	28
48	Can conservation tillage mitigate climate change impacts in Mediterranean cereal systems? A soil organic carbon assessment using long term experiments. <i>European Journal of Agronomy</i> , 2017, 90, 96-107.	1.9	31
49	Designing future barley ideotypes using a crop model ensemble. <i>European Journal of Agronomy</i> , 2017, 82, 144-162.	1.9	84
50	Adopting soil organic carbon management practices in soils of varying quality: Implications and perspectives in Europe. <i>Soil and Tillage Research</i> , 2017, 165, 95-106.	2.6	57
51	A potato model intercomparison across varying climates and productivity levels. <i>Global Change Biology</i> , 2017, 23, 1258-1281.	4.2	90
52	Impact of Spatial Soil and Climate Input Data Aggregation on Regional Yield Simulations. <i>PLoS ONE</i> , 2016, 11, e0151782.	1.1	78
53	Spatial data integration for the environmental characterization of pasture macrotypes in the Italian Alps. <i>Grass and Forage Science</i> , 2016, 71, 219-234.	1.2	6
54	Rainfall regimes control C-exchange of Mediterranean olive orchard. <i>Agriculture, Ecosystems and Environment</i> , 2016, 233, 147-157.	2.5	13

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55	Climate change impacts and adaptation options in the Mediterranean basin. <i>Regional Environmental Change</i> , 2016, 16, 1859-1861.	1.4	18
56	Vineyards and Vineyard Management Related to Ecosystem Services: Experiences from a Wide Range of Ecological Regions in the Context of Global Climate Change. <i>Journal of Wine Economics</i> , 2016, 11, 66-68.	0.4	3
57	Use of digital images to disclose canopy architecture in olive tree. <i>Scientia Horticulturae</i> , 2016, 209, 1-13.	1.7	24
58	Comparing the performance of 11 crop simulation models in predicting yield response to nitrogen fertilization. <i>Journal of Agricultural Science</i> , 2016, 154, 1218-1240.	0.6	70
59	Correction of a 1 km daily rainfall dataset for modelling forest ecosystem processes in Italy. <i>Meteorological Applications</i> , 2016, 23, 294-303.	0.9	18
60	A model-based assessment of adaptation options for Chianti wine production in Tuscany (Italy) under climate change. <i>Regional Environmental Change</i> , 2016, 16, 85-96.	1.4	24
61	Heat stress and crop yields in the Mediterranean basin: impact on expected insurance payouts. <i>Regional Environmental Change</i> , 2016, 16, 1877-1890.	1.4	11
62	Evaluating the precision of eight spatial sampling schemes in estimating regional means of simulated yield for two crops. <i>Environmental Modelling and Software</i> , 2016, 80, 100-112.	1.9	26
63	Interoperability of agronomic long term experiment databases and crop model intercomparison: the Italian experience. <i>European Journal of Agronomy</i> , 2016, 77, 209-222.	1.9	6
64	Climate Change and Grapevines: A Simulation Study for the Mediterranean Basin. <i>Journal of Wine Economics</i> , 2016, 11, 88-104.	0.4	30
65	Turning points in climate change adaptation. <i>Ecology and Society</i> , 2015, 20, .	1.0	15
66	Pastoral suitability driven by future climate change along the Apennines. <i>Italian Journal of Agronomy</i> , 2015, 10, 109.	0.4	10
67	Crop modelling for integrated assessment of risk to food production from climate change. <i>Environmental Modelling and Software</i> , 2015, 72, 287-303.	1.9	230
68	Modelling olive trees and grapevines in a changing climate. <i>Environmental Modelling and Software</i> , 2015, 72, 387-401.	1.9	87
69	Analysis and classification of data sets for calibration and validation of agro-ecosystem models. <i>Environmental Modelling and Software</i> , 2015, 72, 402-417.	1.9	112
70	Crop rotation modelling – A European model intercomparison. <i>European Journal of Agronomy</i> , 2015, 70, 98-111.	1.9	125
71	The AgMIP Coordinated Climate-Crop Modeling Project (C3MP): Methods and Protocols. <i>ICP Series on Climate Change Impacts, Adaptation, and Mitigation</i> , 2015, , 191-220.	0.4	10
72	Uncertainties in Scaling-Up Crop Models for Large-Area Climate Change Impact Assessments. <i>ICP Series on Climate Change Impacts, Adaptation, and Mitigation</i> , 2015, , 261-277.	0.4	11

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73	Conservation Agriculture and Climate Change. , 2015, , 579-620.		20
74	Grain filling duration and glutenin polymerization under variable nitrogen supply and environmental conditions for durum wheat. Field Crops Research, 2015, 171, 23-31.	2.3	23
75	Effect of weather data aggregation on regional crop simulation for different crops, production conditions, and response variables. Climate Research, 2015, 65, 141-157.	0.4	43
76	Temperature and precipitation effects on wheat yield across a European transect: a crop model ensemble analysis using impact response surfaces. Climate Research, 2015, 65, 87-105.	0.4	122
77	Monthly-to-seasonal predictions of durum wheat yield over the Mediterranean Basin. Climate Research, 2015, 65, 7-21.	0.4	25
78	Modelling climate change impacts on crop production for food security. Climate Research, 2015, 65, 3-5.	0.4	10
79	Influence of Interannual Meteorological Variability on Yeast Content and Composition in Sangiovese Grapes. American Journal of Enology and Viticulture, 2014, 65, 375-380.	0.9	10
80	Designing a high-yielding maize ideotype for a changing climate in Lombardy plain (northern Italy). Science of the Total Environment, 2014, 499, 497-509.	3.9	24
81	Chapter 11. Using mitigation and adaptation strategies to optimize crop yield and greenhouse gas emissions. , 2014, , 203-236.		0
82	Stakeholders. Advances in Global Change Research, 2013, , 23-37.	1.6	2
83	Physical and Socio-economic Indicators. Advances in Global Change Research, 2013, , 39-60.	1.6	0
84	Climate Impact Assessments. Advances in Global Change Research, 2013, , 61-104.	1.6	0
85	Integration of the Climate Impact Assessments with Future Projections. Advances in Global Change Research, 2013, , 105-162.	1.6	2
86	Synthesis and the Assessment of Adaptation Measures. Advances in Global Change Research, 2013, , 163-201.	1.6	0
87	Projected shifts of wine regions in response to climate change. Climatic Change, 2013, 119, 825-839.	1.7	199
88	Simulation of olive grove gross primary production by the combination of ground and multi-sensor satellite data. International Journal of Applied Earth Observation and Geoinformation, 2013, 23, 29-36.	1.4	13
89	Detection of variations in precipitation at different time scales of twentieth century at three locations of Italy. Weather and Climate Extremes, 2013, 2, 7-15.	1.6	13
90	Climate Change Impacts on Typical Mediterranean Crops and Evaluation of Adaptation Strategies to Cope With. Advances in Global Change Research, 2013, , 49-70.	1.6	12

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91	Olive trees as bioindicators of climate evolution in the Mediterranean basin. <i>Global Ecology and Biogeography</i> , 2013, 22, 818-833.	2.7	59
92	Sensitivities of crop models to extreme weather conditions during flowering period demonstrated for maize and winter wheat in Austria. <i>Journal of Agricultural Science</i> , 2013, 151, 813-835.	0.6	82
93	Comparison of fire danger indices in the Mediterranean for present day conditions. <i>IForest</i> , 2012, 5, 197-203.	0.5	12
94	Agronomic adaptation strategies under climate change for winter durum wheat and tomato in southern Italy: irrigation and nitrogen fertilization. <i>Regional Environmental Change</i> , 2012, 12, 407-419.	1.4	70
95	Air temperature-related human health outcomes: Current impact and estimations of future risks in Central Italy. <i>Science of the Total Environment</i> , 2012, 441, 28-40.	3.9	44
96	Simulation of spring barley yield in different climatic zones of Northern and Central Europe: A comparison of nine crop models. <i>Field Crops Research</i> , 2012, 133, 23-36.	2.3	269
97	Estimation of wheat production by the integration of MODIS and ground data. <i>International Journal of Remote Sensing</i> , 2011, 32, 1105-1123.	1.3	9
98	Probabilistic assessments of climate change impacts on durum wheat in the Mediterranean region. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 1293-1302.	1.5	50
99	Energy and Water Use Related to the Cultivation of Energy Crops: a Case Study in the Tuscany Region. <i>Ecology and Society</i> , 2011, 16, .	1.0	15
100	Simulation of winter wheat yield and its variability in different climates of Europe: A comparison of eight crop growth models. <i>European Journal of Agronomy</i> , 2011, 35, 103-114.	1.9	408
101	Climate change impact assessment: the role of climate extremes in crop yield simulation. <i>Climatic Change</i> , 2011, 104, 679-701.	1.7	210
102	Framework for high-resolution climate change impact assessment on grapevines at a regional scale. <i>Regional Environmental Change</i> , 2011, 11, 553-567.	1.4	67
103	The responses of agriculture in Europe to climate change. <i>Regional Environmental Change</i> , 2011, 11, 151-158.	1.4	233
104	Climate change impact on the hydrological balance of the Itaipu Basin. <i>Meteorological Applications</i> , 2011, 18, 163-170.	0.9	5
105	Impact and adaptation opportunities for European agriculture in response to climatic change and variability. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010, 15, 657-679.	1.0	97
106	Assessing risk and adaptation options to fires and windstorms in European forestry. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010, 15, 681-701.	1.0	87
107	Sustainability of dairy farming system in Tuscany in a changing climate. <i>European Journal of Agronomy</i> , 2010, 32, 80-90.	1.9	15
108	Validating an integrated strategy to model net land carbon exchange against aircraft flux measurements. <i>Remote Sensing of Environment</i> , 2010, 114, 1108-1116.	4.6	9

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109	Energy crops for biofuel production: Analysis of the potential in Tuscany. <i>Biomass and Bioenergy</i> , 2010, 34, 1041-1052.	2.9	19
110	Simulation of Mediterranean forest carbon pools under expected environmental scenarios. <i>Canadian Journal of Forest Research</i> , 2010, 40, 850-860.	0.8	17
111	Sowing date and nitrogen fertilisation effects on dry matter and nitrogen dynamics for durum wheat: An experimental and simulation study. <i>Field Crops Research</i> , 2010, 117, 245-257.	2.3	97
112	Modelling the forest carbon budget of a Mediterranean region through the integration of ground and satellite data. <i>Ecological Modelling</i> , 2009, 220, 330-342.	1.2	51
113	European winegrowers' perceptions of climate change impact and options for adaptation. <i>Regional Environmental Change</i> , 2009, 9, 61-73.	1.4	120
114	Climatic changes and associated impacts in the Mediterranean resulting from a 2°C global warming. <i>Global and Planetary Change</i> , 2009, 68, 209-224.	1.6	408
115	Plant Biometeorology and Adaptation. , 2009, , 107-129.		5
116	Yield modelling of Mediterranean crops: A probabilistic approach. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009, 6, 022013.	0.2	0
117	Estimating net forest carbon fluxes by the integration of ground and remote sensing data. <i>European Journal of Remote Sensing</i> , 2009, , 97-108.	0.2	1
118	Reproduction of olive tree habitat suitability for global change impact assessment. <i>Ecological Modelling</i> , 2008, 218, 95-109.	1.2	36
119	The meteorological conditions associated with extreme fire risk in Italy and Greece: relevance to climate model studies. <i>International Journal of Wildland Fire</i> , 2008, 17, 155.	1.0	54
120	Integration of ground and satellite data to simulate forest carbon budget on regional scale. <i>Proceedings of SPIE</i> , 2007, , .	0.8	0
121	Application of BIOME-BGC to simulate Mediterranean forest processes. <i>Ecological Modelling</i> , 2007, 206, 179-190.	1.2	103
122	A simple model of regional wheat yield based on NDVI data. <i>European Journal of Agronomy</i> , 2007, 26, 266-274.	1.9	184
123	Modelling the impact of climate extremes: an overview of the MICE project. <i>Climatic Change</i> , 2007, 81, 163-177.	1.7	58
124	Growth and Quality Responses of Potato to Elevated [CO ₂]. <i>Ecological Studies</i> , 2006, , 105-119.	0.4	3
125	Potential impact of climate change on fire risk in the Mediterranean area. <i>Climate Research</i> , 2006, 31, 85-95.	0.4	403
126	Comparison of temperatures simulated by GCMs, RCMs and statistical downscaling: potential application in studies of future crop development. <i>Climate Research</i> , 2006, 30, 149-160.	0.4	31

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127	The Effect of Downy and Powdery Mildew on Grapevine (<i>Vitis vinifera</i> L.) Leaf Gas Exchange. <i>Journal of Phytopathology</i> , 2005, 153, 350-357.	0.5	51
128	Impacts of Present and Future Climate Variability on Agriculture and Forestry in the Temperate Regions: Europe. <i>Climatic Change</i> , 2005, 70, 117-135.	1.7	247
129	Detection of Variations in Air Temperature at Different Time Scales During the Period 1889â€“1998 at Firenze, Italy. <i>Climatic Change</i> , 2005, 72, 123-150.	1.7	23
130	Physiological and Yield Responses of Grapevine (<i>Vitis vinifera</i> L.) Exposed to Elevated CO ₂ Concentrations in a Free Air CO ₂ Enrichment (FACE). <i>Journal of Crop Improvement</i> , 2005, 13, 345-359.	0.9	8
131	Modelling carbon budget of Mediterranean forests using ground and remote sensing measurements. <i>Agricultural and Forest Meteorology</i> , 2005, 135, 22-34.	1.9	97
132	Impacts of Present and Future Climate Variability on Agriculture and Forestry in the Temperate Regions: Europe. , 2005, , 117-135.		17
133	Analysis of Solanaceae Species Harvest-organ Growth by Linear Increase in Harvest Index and Harvest-organ Growth Rate. <i>Journal of the American Society for Horticultural Science</i> , 2005, 130, 799-805.	0.5	8
134	Multi-year simulation of Mediterranean forest transpiration by the integration of NOAA-AVHRR and ancillary data. <i>International Journal of Remote Sensing</i> , 2004, 25, 3929-3941.	1.3	12
135	Water use of irrigated potato (<i>Solanum tuberosum</i> L.) grown under free air carbon dioxide enrichment in central Italy. <i>Agriculture, Ecosystems and Environment</i> , 2003, 97, 65-80.	2.5	45
136	Derivation of LAI Estimates from NDVI and Conventional Data for the Simulaton of Forest Water Fluxes. <i>Forestry Sciences</i> , 2003, , 353-359.	0.4	0
137	Responses of Agricultural Crops to Free-Air CO ₂ Enrichment. <i>Advances in Agronomy</i> , 2002, , 293-368.	2.4	779
138	Calibration and application of FOREST-BGC in a Mediterranean area by the use of conventional and remote sensing data. <i>Ecological Modelling</i> , 2002, 154, 251-262.	1.2	42
139	Consequences of climate change for European agricultural productivity, land use and policy. <i>European Journal of Agronomy</i> , 2002, 16, 239-262.	1.9	1,106
140	Effect of climatic conditions on tuber yield (<i>Solanum tuberosum</i> L.) in the European â€˜CHIPâ€™™ experiments. <i>European Journal of Agronomy</i> , 2002, 17, 243-255.	1.9	35
141	CO ₂ and ozone effects on canopy development of potato crops across Europe. <i>European Journal of Agronomy</i> , 2002, 17, 257-272.	1.9	30
142	Growth and marketable-yield responses of potato to increased CO ₂ and ozone. <i>European Journal of Agronomy</i> , 2002, 17, 273-289.	1.9	61
143	Chlorophyll concentration of potatoes grown under elevated carbon dioxide and/or ozone concentrations. <i>European Journal of Agronomy</i> , 2002, 17, 319-335.	1.9	54
144	Effects of elevated carbon dioxide and ozone on potato tuber quality in the European multiple-site experiment â€˜CHIP-projectâ€™™. <i>European Journal of Agronomy</i> , 2002, 17, 369-381.	1.9	62

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145	Modelling cropping systems highlights of the symposium and preface to the special issues. <i>European Journal of Agronomy</i> , 2002, 18, 1-11.	1.9	44
146	Scaling Methods in Regional Integrated Assessments: From Points Upward and from Global Models Downwards. <i>Integrated Assessment: an International Journal</i> , 2002, 3, 167-187.	0.8	0
147	Free Air CO ₂ Enrichment (FACE) of grapevine (<i>Vitis vinifera</i> L.): I. Development and testing of the system for CO ₂ enrichment. <i>European Journal of Agronomy</i> , 2001, 14, 135-143.	1.9	26
148	Free Air CO ₂ Enrichment (FACE) of grapevine (<i>Vitis vinifera</i> L.): II. Growth and quality of grape and wine in response to elevated CO ₂ concentrations. <i>European Journal of Agronomy</i> , 2001, 14, 145-155.	1.9	150
149	Four-channel tocography in uneventful pregnancies: a prospective study in primigravidas and multigravidas. <i>Journal of the Society for Gynecologic Investigation</i> , 2001, 8, 48-53.	1.9	3
150	The preterm prediction study: maternal serum relaxin, sonographic cervical length, and spontaneous preterm birth in twins. <i>Journal of the Society for Gynecologic Investigation</i> , 2001, 8, 39-42.	1.9	28
151	Extension of crop model outputs over the land surface by the application of statistical and neural network techniques to topographical and satellite data. <i>Climate Research</i> , 2001, 16, 237-246.	0.4	9
152	PARTITIONING OF GRAPEVINE BIOMASS IN THINNED SHOOTS. <i>Acta Horticulturae</i> , 2000, , 311-316.	0.1	0
153	Analysis of Seed Growth by Linear Increase in Harvest Index. <i>Crop Science</i> , 1999, 39, 486-493.	0.8	30
154	Free Air CO ₂ Enrichment of potato (<i>Solanum tuberosum</i> L.): development, growth and yield. <i>Global Change Biology</i> , 1998, 4, 163-172.	4.2	153
155	Free Air CO ₂ Enrichment of potato (<i>Solanum tuberosum</i> , L.): design and performance of the CO ₂ fumigation system. <i>Global Change Biology</i> , 1997, 3, 417-427.	4.2	48
156	THE EFFECT OF ELEVATED CO ₂ CONCENTRATION ON GRAPEVINE GROWTH UNDER FIELD CONDITIONS. <i>Acta Horticulturae</i> , 1996, , 325-330.	0.1	9
157	The effect of free air carbon dioxide enrichment (FACE) and soil nitrogen availability on the photosynthetic capacity of wheat. <i>Photosynthesis Research</i> , 1996, 47, 281-290.	1.6	58
158	Modelling the impact of future climate scenarios on yield and yield variability of grapevine. <i>Climate Research</i> , 1996, 7, 213-224.	0.4	159
159	Characterization of primary productivity levels of Niger by means of NOAA NDVI variations. <i>Geocarto International</i> , 1995, 10, 31-41.	1.7	12
160	Comparison of models to simulate leaf appearance in wheat. <i>European Journal of Agronomy</i> , 1995, 4, 15-25.	1.9	12
161	Different methods for separating diffuse and direct components of solar radiation and their application in crop growth models. <i>Climate Research</i> , 1992, 2, 47-54.	0.4	20
162	Influence of meteorological factors on primary production of Sahelian regions estimated by remote-sensing techniques. <i>EPPO Bulletin</i> , 1991, 21, 643-649.	0.6	0

#	ARTICLE	IF	CITATIONS
163	Estimating daily global radiation from air temperature and rainfall measurements. <i>Climate Research</i> , 1991, 1, 117-124.	0.4	39
164	Climate Change and Tourism in Tuscany, Italy: What If Heat Becomes Unbearable?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2