

Hatem Belhouchette

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.

40
papers

772
citations

16
h-index

27
g-index

43
ext. papers

924
ext. citations

4
avg, IF

3.96
L-index

#	Paper	IF	Citations
40	A Bio-Economic Model for Improving Irrigated Durum Wheat Performance and Regional Profits under Mediterranean Conditions. <i>Agriculture (Switzerland)</i> , 2022 , 12, 618	3	
39	Assessing the resilience of farming systems on the Saï plain, Morocco. <i>Regional Environmental Change</i> , 2021 , 21, 1	4.3	5
38	An Operational Framework for Mapping Irrigated Areas at Plot Scale Using Sentinel-1 and Sentinel-2 Data. <i>Remote Sensing</i> , 2021 , 13, 2584	5	4
37	Productivité et efficacité des systèmes agroforestiers à base d'oliviers au Maroc : cas de Moulay Driss Zerhoun. <i>Cahiers Agricultures</i> , 2021 , 30, 2	0.9	1
36	Irrigation Events Detection over Intensively Irrigated Grassland Plots Using Sentinel-1 Data. <i>Remote Sensing</i> , 2020 , 12, 4058	5	6
35	Near Real-Time Irrigation Detection at Plot Scale Using Sentinel-1 Data. <i>Remote Sensing</i> , 2020 , 12, 1456	5	15
34	Performance of wheat-based cropping systems and economic risk of low relative productivity assessment in a sub-dry Mediterranean environment. <i>European Journal of Agronomy</i> , 2020 , 113, 125968	5	6
33	Trade-Offs between Sustainability Indicators in Response to the Production Choices of Different Farm Household Types in Drylands. <i>Agronomy</i> , 2020 , 10, 998	3.6	4
32	Implementing organic farming in vineyards. <i>Agroecology and Sustainable Food Systems</i> , 2020 , 44, 164-187	2	4
31	Mapping Paddy Rice Using Sentinel-1 SAR Time Series in Camargue, France. <i>Remote Sensing</i> , 2019 , 11, 887	5	62
30	On farm analysis of the effect of the preceding crop on N uptake and grain yield of durum wheat (<i>Triticum durum</i> Desf.) in Mediterranean conditions. <i>Archives of Agronomy and Soil Science</i> , 2019 , 65, 596-611	2	5
29	Mapping Irrigated Areas Using Sentinel-1 Time Series in Catalonia, Spain. <i>Remote Sensing</i> , 2019 , 11, 1836	5	38
28	Sentinel-1 Data for Winter Wheat Phenology Monitoring and Mapping. <i>Remote Sensing</i> , 2019 , 11, 2228	5	41
27	AN OPTIMAL PRICE FOR SUSTAINABLE IRRIGATED AGRICULTURE IN CENTRAL-EASTERN TUNISIA. <i>New Medit</i> , 2019 , 18, 3-14	0.8	2
26	Hierarchical Patch Dynamics Perspective in Farming System Design. <i>Agronomy</i> , 2019 , 9, 604	3.6	2
25	A Comparison of Two Soil Moisture Products S2MP and Copernicus-SSM Over Southern France. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 3366-3375	4.7	17
24	Impact assessment of climate change on farming systems in the South Mediterranean area: a Tunisian case study. <i>Regional Environmental Change</i> , 2018 , 18, 637-650	4.3	7

23	A Novel Approach for Mapping Wheat Areas Using High Resolution Sentinel-2 Images. <i>Sensors</i> , 2018 , 18,	3.8	31
22	Agricultural Activity concept for simulating strategic agricultural production decisions: Case study of weed resistance to herbicide treatments in South-West France. <i>Computers and Electronics in Agriculture</i> , 2018 , 155, 167-179	6.5	5
21	Agricultural household effects of fertilizer price changes for smallholder farmers in central Malawi. <i>Agricultural Systems</i> , 2017 , 154, 168-178	6.1	27
20	Assessing consumption-production-resources nexus decisions for rice-focused agricultural households in Sierra Leone. <i>Land Use Policy</i> , 2017 , 67, 597-607	5.6	8
19	Using expert knowledge data to validate crop models on local situation data. <i>Archives of Agronomy and Soil Science</i> , 2016 , 62, 217-234	2	1
18	Assessing the diversity of smallholder rice farms production strategies in Sierra Leone. <i>Njas - Wageningen Journal of Life Sciences</i> , 2016 , 76, 7-19	7	13
17	Evaluation of the OILCROP-SUN model for sunflower hybrids under different agro-meteorological conditions of Punjab Pakistan. <i>Field Crops Research</i> , 2016 , 188, 17-30	5.5	33
16	Correlation studies on nitrogen for sunflower crop across the agroclimatic variability. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 3658-70	5.1	32
15	Modelling Climate Change Impacts and Adaptation Strategies for Sunflower in Pakistan. <i>Outlook on Agriculture</i> , 2016 , 45, 39-45	2.9	30
14	SILAGE MAIZE GROWTH SIMULATION USING PILOTE AND CROPSYST MODEL. <i>Irrigation and Drainage</i> , 2013 , 62, 84-96	1.1	1
13	Protocol to support model selection and evaluation in a modular crop modelling framework: An application for simulating crop response to nitrogen supply. <i>Computers and Electronics in Agriculture</i> , 2012 , 86, 43-54	6.5	13
12	Sustainability of irrigated farming systems in a Tunisian region: A recursive stochastic programming analysis. <i>Computers and Electronics in Agriculture</i> , 2012 , 86, 100-110	6.5	20
11	Assessing the impact of the Nitrate Directive on farming systems using a bio-economic modelling chain. <i>Agricultural Systems</i> , 2011 , 104, 135-145	6.1	44
10	Using a cropping system model at regional scale: Low-data approaches for crop management information and model calibration. <i>Agriculture, Ecosystems and Environment</i> , 2011 , 142, 85-94	5.7	62
9	Dynamic Optimisation Problems: Different Resolution Methods Regarding Agriculture and Natural Resource Economics 2011 , 29-57		2
8	A Component-Based Framework for Simulating Agricultural Production and Externalities 2010 , 63-108		16
7	A generic bio-economic farm model for environmental and economic assessment of agricultural systems. <i>Environmental Management</i> , 2010 , 46, 862-77	3.1	47
6	Evaluating Integrated Assessment Tools for Policy Support 2010 , 237-256		1

5	Defining assessment projects and scenarios for policy support: Use of ontology in Integrated Assessment and Modelling. <i>Environmental Modelling and Software</i> , 2009 , 24, 1491-1500	5.2	35
4	Methodology to translate policy assessment problems into scenarios: the example of the SEAMLESS integrated framework. <i>Environmental Science and Policy</i> , 2009 , 12, 619-630	6.2	40
3	A methodology for enhanced flexibility of integrated assessment in agriculture. <i>Environmental Science and Policy</i> , 2009 , 12, 546-561	6.2	80
2	Integrating Spatial Soil Organization Data with a Regional Agricultural Management Simulation Model: A Case Study in Northern Tunisia. <i>Transactions of the ASABE</i> , 2008 , 51, 1099-1109	0.9	5
1	Participative modelling to help collective decision-making in water allocation and nitrogen pollution: application to the case of the Aveyron-Lere Basin. <i>International Journal of Agricultural Resources, Governance and Ecology</i> , 2006 , 5, 247	0.2	6