

Helena Gomez-Macpherson

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

973
citations

516710

16
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	European small portable rainfall simulators: A comparison of rainfall characteristics. <i>Catena</i> , 2013, 110, 100-112.	5.0	170
2	The impact of conservation agriculture on smallholder agricultural yields: A scoping review of the evidence. <i>Agriculture, Ecosystems and Environment</i> , 2014, 187, 11-32.	5.3	159
3	Effect of sowing time on yield and agronomic characteristics of wheat in south-eastern Australia. <i>Australian Journal of Agricultural Research</i> , 1995, 46, 1381.	1.5	109
4	Implementation of chiselling and mouldboard ploughing in soil after 8 years of no-till management in SW, Spain: Effect on soil quality. <i>Soil and Tillage Research</i> , 2011, 112, 107-113.	5.6	72
5	A portable integrated rainfall and overland flow simulator. <i>Soil Use and Management</i> , 2008, 24, 163-170.	4.9	56
6	Estimating Evaporation from Bare or Nearly Bare Soil. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2000, 126, 399-403.	1.0	42
7	Effect of soil management and traffic on soil erosion in irrigated annual crops. <i>Soil and Tillage Research</i> , 2011, 115-116, 62-70.	5.6	38
8	Benchmarking for performance assessment of small and large irrigation schemes along the Senegal Valley in Mauritania. <i>Agricultural Water Management</i> , 2013, 121, 19-26.	5.6	36
9	Irrigation performance before and after rehabilitation of a representative, small irrigation scheme besides the Senegal River, Mauritania. <i>Agricultural Water Management</i> , 2010, 97, 901-909.	5.6	30
10	Impact of small-holder irrigation on the agricultural production, food supply and economic prosperity of a representative village beside the Senegal River, Mauritania. <i>Agricultural Systems</i> , 2008, 96, 1-15.	6.1	27
11	No-tillage permanent bed planting and controlled traffic in a maize-cotton irrigated system under Mediterranean conditions: Effects on soil compaction, crop performance and carbon sequestration. <i>European Journal of Agronomy</i> , 2014, 61, 24-34.	4.1	27
12	Permanent bed planting in irrigated Mediterranean conditions: Short-term effects on soil quality, crop yield and water use efficiency. <i>Field Crops Research</i> , 2012, 130, 120-127.	5.1	25
13	Why has small-scale irrigation not responded to expectations with traditional subsistence farmers along the Senegal River in Mauritania?. <i>Agricultural Systems</i> , 2012, 110, 152-161.	6.1	24
14	Soil management and traffic effects on infiltration of irrigation water applied using sprinklers. <i>Irrigation Science</i> , 2011, 29, 403-412.	2.8	20
15	Study of sediment movement in an irrigated maize-cotton system combining rainfall simulations, sediment tracers and soil erosion models. <i>Journal of Hydrology</i> , 2015, 524, 227-242.	5.4	18
16	Growth of Near-isogenic Wheat Lines Differing in Developmental Plants in a Simulated Canopy. <i>Annals of Botany</i> , 1998, 82, 323-330.	2.9	17
17	Dynamics of soil organic carbon in an innovative irrigated permanent bed system on sloping land in southern Spain. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 284-292.	5.3	16
18	What do farmers mean when they say they practice conservation agriculture? A comprehensive case study from southern Spain. <i>Agriculture, Ecosystems and Environment</i> , 2015, 213, 164-177.	5.3	16

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19	Effect of early sowing on development in wheat isolines differing in vernalisation and photoperiod requirements. <i>Field Crops Research</i> , 1997, 54, 91-107.	5.1	13
20	Contribution of sorghum to productivity of small-holder irrigation schemes: On-farm research in the Senegal River Valley, Mauritania. <i>Agricultural Systems</i> , 2013, 115, 72-82.	6.1	11
21	Effects of conservation tillage, controlled traffic and regulated deficit irrigation on soil CO ₂ emissions in a maize-based system in Mediterranean conditions. <i>Science of the Total Environment</i> , 2022, 813, 152454.	8.0	9
22	Short- and mid-term tillage-induced soil CO ₂ efflux on irrigated permanent- and conventional-bed planting systems with controlled traffic in southern Spain. <i>Soil Research</i> , 2013, 51, 447.	1.1	8
23	Hydrological Signatures Based on Event Runoff Coefficients in Rural Catchments of the Iberian Peninsula. <i>Soil Science</i> , 2017, 182, 159-171.	0.9	8
24	ON-FARM WHEAT TRIALS IN BANGLADESH: A STUDY TO REDUCE PERCEIVED CONSTRAINTS TO YIELD IN TRADITIONAL WHEAT AREAS AND SOUTHERN LANDS THAT REMAIN FALLOW DURING THE DRY SEASON. <i>Experimental Agriculture</i> , 2007, 43, 21-40.	0.9	7
25	Growth of Near-isogenic Wheat Lines Differing in Developmentâ€”Spaced Plants. <i>Annals of Botany</i> , 1998, 82, 315-322.	2.9	6
26	Effect of permanent bed planting combined with controlled traffic on soil chemical and biochemical properties in irrigated semi-arid Mediterranean conditions. <i>Catena</i> , 2013, 107, 103-109.	5.0	5
27	Catchment scale hydrology of an irrigated cropping system under soil conservation practices. <i>Hydrological Processes</i> , 2016, 30, 4593-4608.	2.6	4
28	<i>Soil Conservation</i> . , 2016, , 241-254.		0