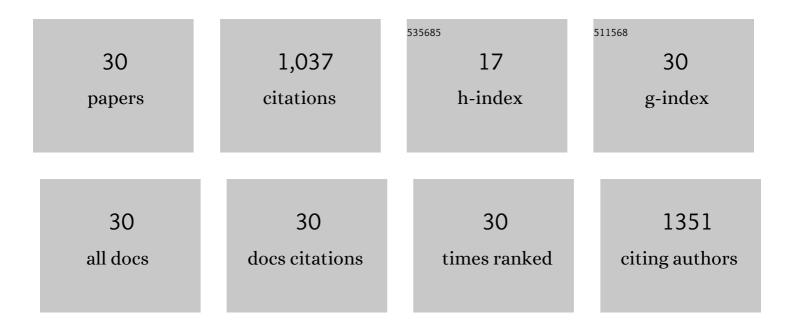
MCGonÃ§alves

List of Publications by Year in descending order

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ΜCCONÃ8ALVES

#	Article	IF	CITATIONS
1	Modeling Streamflow at the Iberian Peninsula Scale Using MOHID-Land: Challenges from a Coarse Scale Approach. Water (Switzerland), 2022, 14, 1013.	1.2	2
2	Prediction of soil salinity and sodicity using electromagnetic conductivity imaging. Geoderma, 2020, 361, 114086.	2.3	42
3	Soil salinity assessment using vegetation indices derived from Sentinel-2 multispectral data. application to LezÃria Grande, Portugal. Agricultural Water Management, 2020, 241, 106387.	2.4	35
4	Pedotransfer Function for the Brunswick Soil Hydraulic Property Model and Comparison to the van Genuchtenâ€Mualem Model. Water Resources Research, 2020, 56, e2019WR026820.	1.7	18
5	Assessing soil salinity dynamics using time-lapse electromagnetic conductivity imaging. Soil, 2020, 6, 499-511.	2.2	13
6	Assessing Water and Nutrient Long-Term Dynamics and Loads in the Enxoé Temporary River Basin (Southeast Portugal). Water (Switzerland), 2019, 11, 354.	1.2	9
7	Soil salinization in very high-density olive orchards grown in southern Portugal: Current risks and possible trends. Agricultural Water Management, 2019, 217, 265-281.	2.4	33
8	Mapping soil salinity using electromagnetic conductivity imaging—A comparison of regional and locationâ€specific calibrations. Land Degradation and Development, 2019, 30, 1393-1406.	1.8	28
9	Integrated modelling for water quality management in a eutrophic reservoir in south-eastern Portugal. Environmental Earth Sciences, 2018, 77, 1.	1.3	21
10	An Integrated Analysis of the Eutrophication Process in the Enxoé Reservoir within the DPSIR Framework. Water (Switzerland), 2018, 10, 1576.	1.2	9
11	Soil legacy data rescue via GlobalSoilMap and other international and national initiatives. GeoResJ, 2017, 14, 1-19.	1.4	102
12	Modeling flood dynamics in a temporary river draining to an eutrophic reservoir in southeast Portugal. Environmental Earth Sciences, 2017, 76, 1.	1.3	12
13	The INFOSOLO database as a first step towards the development of a soil information system in Portugal. Catena, 2017, 158, 390-412.	2.2	30
14	Sediment and nutrient dynamics during storm events in the Enxoé temporary river, southern Portugal. Catena, 2015, 127, 177-190.	2.2	54
15	Temporal variability of soil organic carbon transport in the Enxoé agricultural watershed. Environmental Earth Sciences, 2015, 73, 6663-6676.	1.3	7
16	Development of ternary diagrams for estimating water retention properties using geostatistical approaches. Geoderma, 2014, 230-231, 229-242.	2.3	19
17	ESTIMATING SOIL HYDRAULIC PROPERTIES FROM LIMITED DATA TO IMPROVE IRRIGATION MANAGEMENT IN AGRICULTURAL SOILS OF SANTIAGO ISLAND, CAPE VERDE. Irrigation and Drainage, 2014, 63, 405-415.	0.8	7
18	Spatial modelling of soil hydraulic properties integrating different supports. Journal of Hydrology, 2014, 511, 1-9.	2.3	11

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#	Article	IF	CITATIONS
19	Development of class pedotransfer functions for integrating water retention properties into Portuguese soil maps. Soil Research, 2013, 51, 262.	0.6	20
20	Two-dimensional modeling of water and nitrogen fate from sweet sorghum irrigated with fresh and blended saline waters. Agricultural Water Management, 2012, 111, 87-104.	2.4	162
21	Mineral Leaf Composition of Sweet Sorghum in Relation to Biomass and Sugar Yields under Different Nitrogen and Salinity Conditions. Communications in Soil Science and Plant Analysis, 2012, 43, 2376-2388.	0.6	12
22	Effect of Combined Use of Brackish Water and Nitrogen Fertilizer on Biomass and Sugar Yield of Sweet Sorghum. Pedosphere, 2012, 22, 785-794.	2.1	12
23	Field evaluation of a multicomponent solute transport model in soils irrigated with saline waters. Journal of Hydrology, 2011, 407, 129-144.	2.3	145
24	Effect of sodium and nitrogen on yield function of irrigated maize in southern Portugal. Agricultural Water Management, 2009, 96, 585-594.	2.4	12
25	Multicomponent solute transport in soil lysimeters irrigated with waters of different quality. Water Resources Research, 2006, 42, .	1.7	74
26	Estimation of Soil Hydraulic Properties from Numerical Inversion of Tension Disk Infiltrometer Data. Vadose Zone Journal, 2006, 5, 684-696.	1.3	65
27	Effect of Electrolyte Concentration on Sodium Adsorption: Application of Competitive Extended Freundlich Isotherms. Arid Land Research and Management, 2005, 19, 161-172.	0.6	4
28	Andosols of Terceira, Azores: measurement and significance of soil hydraulic properties. Catena, 2004, 56, 145-154.	2.2	30
29	Pedotransfer functions for solute transport parameters of Portuguese soils. European Journal of Soil Science, 2001, 52, 563-574.	1.8	28
30	Pedo-transfer functions for estimating unsaturated hydraulic properties of Portuguese soils. European Journal of Soil Science, 1997, 48, 387-400.	1.8	21