

MC Gonçães

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,037
citations

535685

17
h-index

511568

30
g-index

30
all docs

30
docs citations

30
times ranked

1351
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Development of class pedotransfer functions for integrating water retention properties into Portuguese soil maps. <i>Soil Research</i> , 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. <i>Agricultural Water Management</i> , 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. <i>Communications in Soil Science and Plant Analysis</i> , 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. <i>Pedosphere</i> , 2012, 22, 785-794.	2.1	12
23	Field evaluation of a multicomponent solute transport model in soils irrigated with saline waters. <i>Journal of Hydrology</i> , 2011, 407, 129-144.	2.3	145
24	Effect of sodium and nitrogen on yield function of irrigated maize in southern Portugal. <i>Agricultural Water Management</i> , 2009, 96, 585-594.	2.4	12
25	Multicomponent solute transport in soil lysimeters irrigated with waters of different quality. <i>Water Resources Research</i> , 2006, 42, .	1.7	74
26	Estimation of Soil Hydraulic Properties from Numerical Inversion of Tension Disk Infiltration Data. <i>Vadose Zone Journal</i> , 2006, 5, 684-696.	1.3	65
27	Effect of Electrolyte Concentration on Sodium Adsorption: Application of Competitive Extended Freundlich Isotherms. <i>Arid Land Research and Management</i> , 2005, 19, 161-172.	0.6	4
28	Andosols of Terceira, Azores: measurement and significance of soil hydraulic properties. <i>Catena</i> , 2004, 56, 145-154.	2.2	30
29	Pedotransfer functions for solute transport parameters of Portuguese soils. <i>European Journal of Soil Science</i> , 2001, 52, 563-574.	1.8	28
30	Pedo-transfer functions for estimating unsaturated hydraulic properties of Portuguese soils. <i>European Journal of Soil Science</i> , 1997, 48, 387-400.	1.8	21