Tiago B Ramos

List of Publications by Year
in descending order

52 papers	1,542 citations	394421 19 h-index	315739 38 g-index
67 all docs	67 docs citations	67 times ranked	1413 citing authors

#	Article	IF	Citations
1	Estimating and partitioning maize evapotranspiration as affected by salinity using weighing lysimeters and the SIMDualKc model. Agricultural Water Management, 2022, 261, 107362.	5.6	15
2	Water Use and Soil Water Balance of Mediterranean Vineyards under Rainfed and Drip Irrigation Management: Evapotranspiration Partition and Soil Management Modelling for Resource Conservation. Water (Switzerland), 2022, 14, 554.	2.7	19
3	Modeling Streamflow at the Iberian Peninsula Scale Using MOHID-Land: Challenges from a Coarse Scale Approach. Water (Switzerland), 2022, 14, 1013.	2.7	2
4	Searching for Sustainable-Irrigation Issues of Clementine Orchards in the Syrian Akkar Plain: Effects of Irrigation Method and Canopy Size on Crop Coefficients, Transpiration, and Water Use with SIMDualKc Model. Water (Switzerland), 2022, 14, 2052.	2.7	4
5	Pedotransfer functions for estimating soil water retention properties of northern China agricultural soils: Development and needs*. Irrigation and Drainage, 2021, 70, 593-608.	1.7	4
6	Exploring the Use of Vegetation Indices for Validating Crop Transpiration Fluxes Computed with the MOHID-Land Model. Application to Vineyard. Agronomy, 2021, 11, 1228.	3.0	2
7	Potential Post-Fire Impacts on a Water Supply Reservoir: An Integrated Watershed-Reservoir Approach. Frontiers in Environmental Science, 2021, 9, .	3.3	16
8	Crop water requirements and crop coefficients for jute mallow (Corchorus olitorius L.) using the SIMDualKc model and assessing irrigation strategies for the Syrian Akkar region. Agricultural Water Management, 2021, 255, 107038.	5.6	8
9	Evaluation of the trophic status in a Mediterranean reservoir under climate change: An integrated modelling approach. Journal of Water and Climate Change, 2021, 12, 817-832.	2.9	4
10	Assessing the adequacy of SWAT model to simulate postfire effects on the watershed hydrological regime and water quality. Land Degradation and Development, 2020, 31, 619-631.	3.9	27
11	Coping with salinity in irrigated agriculture: Crop evapotranspiration and water management issues. Agricultural Water Management, 2020, 227, 105832.	5.6	185
12	Modeling Zucchini squash irrigation requirements in the Syrian Akkar region using the FAO56 dual-Kc approach. Agricultural Water Management, 2020, 229, 105927.	5.6	5
13	IrrigaSys: A web-based irrigation decision support system based on open source data and technology. Computers and Electronics in Agriculture, 2020, 178, 105822.	7.7	31
14	Soil salinity assessment using vegetation indices derived from Sentinel-2 multispectral data. application to LezÃria Grande, Portugal. Agricultural Water Management, 2020, 241, 106387.	5.6	35
15	Sensitivity Analysis of the MOHID-Land Hydrological Model: A Case Study of the Ulla River Basin. Water (Switzerland), 2020, 12, 3258.	2.7	6
16	Influence of reservoir management on Guadiana streamflow regime. Journal of Hydrology: Regional Studies, 2019, 25, 100628.	2.4	15
17	Assessing Water and Nutrient Long-Term Dynamics and Loads in the EnxoÃ© Temporary River Basin (Southeast Portugal). Water (Switzerland), 2019, 11, 354.	2.7	9
18	Using a Hydrologic Model to Assess the Performance of Regional Climate Models in a Semi-Arid Watershed in Brazil. Water (Switzerland), 2019, 11, 170.	2.7	21

#	Article	IF	Citations
19	Soil salinization in very high-density olive orchards grown in southern Portugal: Current risks and possible trends. Agricultural Water Management, 2019, 217, 265-281.	5.6	33
20	An Integrated Modelling Approach to Study Future Water Demand Vulnerability in the Montargil Reservoir Basin, Portugal. Sustainability, 2019, 11, 206.	3.2	4
21	Modelação da rega deficitária em vinha com o MOHID-Land. , 2019, , .		1
22	O sistema IrrigaSys de apoio à gestão da rega no vale do Sorraia. , 2019, , .		0
23	Integrated modelling for water quality management in a eutrophic reservoir in south-eastern Portugal. Environmental Earth Sciences, 2018, 77, 1.	2.7	21
24	Water Quantity and Quality under Future Climate and Societal Scenarios: A Basin-Wide Approach Applied to the Sorraia River, Portugal. Water (Switzerland), 2018, 10, 1186.	2.7	12
25	Assessing the Impact of LAI Data Assimilation on Simulations of the Soil Water Balance and Maize Development Using MOHID-Land. Water (Switzerland), 2018, 10, 1367.	2.7	12
26	An Integrated Analysis of the Eutrophication Process in the Enxoé Reservoir within the DPSIR Framework. Water (Switzerland), 2018, 10, 1576.	2.7	9
27	Sub-optimal model-based deficit irrigation scheduling with realistic weather forecasts. Irrigation Science, 2018, 36, 349-362.	2.8	13
28	Using a Hierarchical Approach to Calibrate SWAT and Predict the Semi-Arid Hydrologic Regime of Northeastern Brazil. Water (Switzerland), 2018, 10, 1137.	2.7	19
29	Modeling Soil Water Dynamics and Pasture Growth in the Montado Ecosystem Using MOHID Land. Water (Switzerland), 2018, 10, 489.	2.7	16
30	Modelling soil water and maize growth dynamics influenced by shallow groundwater conditions in the Sorraia Valley region, Portugal. Agricultural Water Management, 2017, 185, 27-42.	5.6	46
31	Modeling and assessing the function and sustainability of natural patches in salt-affected agro-ecosystems: Application to tamarisk (Tamarix chinensis Lour.) in Hetao, upper Yellow River basin. Journal of Hydrology, 2017, 552, 490-504.	5.4	32
32	Modeling flood dynamics in a temporary river draining to an eutrophic reservoir in southeast Portugal. Environmental Earth Sciences, 2017, 76, 1.	2.7	12
33	The INFOSOLO database as a first step towards the development of a soil information system in Portugal. Catena, 2017, 158, 390-412.	5.0	30
34	The dual Kc approach to assess maize and sweet sorghum transpiration and soil evaporation under saline conditions: Application of the SIMDualKc model. Agricultural Water Management, 2016, 177, 77-94.	5.6	32
35	Numerical Simulation of Soil Water Dynamics Under Stationary Sprinkler Irrigation With Mohid‐Land. Irrigation and Drainage, 2016, 65, 98-111.	1.7	16
36	Groundwater Recharge and Capillary Rise in Irrigated Areas of the Upper Yellow River Basin Assessed by an Agro‐Hydrological Model. Irrigation and Drainage, 2015, 64, 587-599.	1.7	40

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37	Modelling soil water dynamics of full and deficit drip irrigated maize cultivated under a rain shelter. Biosystems Engineering, 2015, 132, 1-18.	4.3	47
38	Sediment and nutrient dynamics during storm events in the Enxoé temporary river, southern Portugal. Catena, 2015, 127, 177-190.	5.0	54
39	Temporal variability of soil organic carbon transport in the Enxoé agricultural watershed. Environmental Earth Sciences, 2015, 73, 6663-6676.	2.7	7
40	A salinização do solo em Portugal. Causas, extensão e soluções. Revista De Ciências Agrárias, 2015, 38, 574-586.	0.2	7
41	The Use of Multicomponent Solute Transport Models in Environmental Analyses. , 2014, , 377-402.		2
42	Development of ternary diagrams for estimating water retention properties using geostatistical approaches. Geoderma, 2014, 230-231, 229-242.	5.1	19
43	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.	1.7	7
44	Spatial modelling of soil hydraulic properties integrating different supports. Journal of Hydrology, 2014, 511, 1-9.	5.4	11
45	Assessing the effects of water table depth on water use, soil salinity and wheat yield: Searching for a target depth for irrigated areas in the upper Yellow River basin. Agricultural Water Management, 2013, 125, 46-60.	5.6	140
46	Development of class pedotransfer functions for integrating water retention properties into Portuguese soil maps. Soil Research, 2013, 51, 262.	1.1	20
47	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.	5.6	162
48	Effect of Combined Use of Brackish Water and Nitrogen Fertilizer on Biomass and Sugar Yield of Sweet Sorghum. Pedosphere, 2012, 22, 785-794.	4.0	12
49	Field evaluation of a multicomponent solute transport model in soils irrigated with saline waters. Journal of Hydrology, 2011, 407, 129-144.	5.4	145
50	Effect of sodium and nitrogen on yield function of irrigated maize in southern Portugal. Agricultural Water Management, 2009, 96, 585-594.	5.6	12
51	Multicomponent solute transport in soil lysimeters irrigated with waters of different quality. Water Resources Research, 2006, 42, .	4.2	74
52	Estimation of Soil Hydraulic Properties from Numerical Inversion of Tension Disk Infiltrometer Data. Vadose Zone Journal, 2006, 5, 684-696.	2.2	65