

Tiago B Ramos

List of Publications by Year in descending order

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52
papers

1,542
citations

394286

19
h-index

315616

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. <i>Agricultural Water Management</i> , 2022, 261, 107362.	2.4	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. <i>Water (Switzerland)</i> , 2022, 14, 554.	1.2	19
3	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
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. <i>Water (Switzerland)</i> , 2022, 14, 2052.	1.2	4
5	Pedotransfer functions for estimating soil water retention properties of northern China agricultural soils: Development and needs*. <i>Irrigation and Drainage</i> , 2021, 70, 593-608.	0.8	4
6	Exploring the Use of Vegetation Indices for Validating Crop Transpiration Fluxes Computed with the MOHID-Land Model. Application to Vineyard. <i>Agronomy</i> , 2021, 11, 1228.	1.3	2
7	Potential Post-Fire Impacts on a Water Supply Reservoir: An Integrated Watershed-Reservoir Approach. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	16
8	Crop water requirements and crop coefficients for jute mallow (<i>Corchorus olitorius</i> L.) using the SIMDualKc model and assessing irrigation strategies for the Syrian Akkar region. <i>Agricultural Water Management</i> , 2021, 255, 107038.	2.4	8
9	Evaluation of the trophic status in a Mediterranean reservoir under climate change: An integrated modelling approach. <i>Journal of Water and Climate Change</i> , 2021, 12, 817-832.	1.2	4
10	Assessing the adequacy of SWAT model to simulate postfire effects on the watershed hydrological regime and water quality. <i>Land Degradation and Development</i> , 2020, 31, 619-631.	1.8	27
11	Coping with salinity in irrigated agriculture: Crop evapotranspiration and water management issues. <i>Agricultural Water Management</i> , 2020, 227, 105832.	2.4	185
12	Modeling Zucchini squash irrigation requirements in the Syrian Akkar region using the FAO56 dual-Kc approach. <i>Agricultural Water Management</i> , 2020, 229, 105927.	2.4	5
13	IrrigaSys: A web-based irrigation decision support system based on open source data and technology. <i>Computers and Electronics in Agriculture</i> , 2020, 178, 105822.	3.7	31
14	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
15	Sensitivity Analysis of the MOHID-Land Hydrological Model: A Case Study of the Ulla River Basin. <i>Water (Switzerland)</i> , 2020, 12, 3258.	1.2	6
16	Influence of reservoir management on Guadiana streamflow regime. <i>Journal of Hydrology: Regional Studies</i> , 2019, 25, 100628.	1.0	15
17	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
18	Using a Hydrologic Model to Assess the Performance of Regional Climate Models in a Semi-Arid Watershed in Brazil. <i>Water (Switzerland)</i> , 2019, 11, 170.	1.2	21

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19	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
20	An Integrated Modelling Approach to Study Future Water Demand Vulnerability in the Montargil Reservoir Basin, Portugal. <i>Sustainability</i> , 2019, 11, 206.	1.6	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. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	21
24	Water Quantity and Quality under Future Climate and Societal Scenarios: A Basin-Wide Approach Applied to the Sorraia River, Portugal. <i>Water (Switzerland)</i> , 2018, 10, 1186.	1.2	12
25	Assessing the Impact of LAI Data Assimilation on Simulations of the Soil Water Balance and Maize Development Using MOHID-Land. <i>Water (Switzerland)</i> , 2018, 10, 1367.	1.2	12
26	An Integrated Analysis of the Eutrophication Process in the Enxofeira Reservoir within the DPSIR Framework. <i>Water (Switzerland)</i> , 2018, 10, 1576.	1.2	9
27	Sub-optimal model-based deficit irrigation scheduling with realistic weather forecasts. <i>Irrigation Science</i> , 2018, 36, 349-362.	1.3	13
28	Using a Hierarchical Approach to Calibrate SWAT and Predict the Semi-Arid Hydrologic Regime of Northeastern Brazil. <i>Water (Switzerland)</i> , 2018, 10, 1137.	1.2	19
29	Modeling Soil Water Dynamics and Pasture Growth in the Montado Ecosystem Using MOHID Land. <i>Water (Switzerland)</i> , 2018, 10, 489.	1.2	16
30	Modelling soil water and maize growth dynamics influenced by shallow groundwater conditions in the Sorraia Valley region, Portugal. <i>Agricultural Water Management</i> , 2017, 185, 27-42.	2.4	46
31	Modeling and assessing the function and sustainability of natural patches in salt-affected agro-ecosystems: Application to tamarisk (<i>Tamarix chinensis</i> Lour.) in Hetao, upper Yellow River basin. <i>Journal of Hydrology</i> , 2017, 552, 490-504.	2.3	32
32	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
33	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
34	The dual Kc approach to assess maize and sweet sorghum transpiration and soil evaporation under saline conditions: Application of the SIMDualKc model. <i>Agricultural Water Management</i> , 2016, 177, 77-94.	2.4	32
35	Numerical Simulation of Soil Water Dynamics Under Stationary Sprinkler Irrigation With MohidLand. <i>Irrigation and Drainage</i> , 2016, 65, 98-111.	0.8	16
36	Groundwater Recharge and Capillary Rise in Irrigated Areas of the Upper Yellow River Basin Assessed by an Agro-Hydrological Model. <i>Irrigation and Drainage</i> , 2015, 64, 587-599.	0.8	40

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37	Modelling soil water dynamics of full and deficit drip irrigated maize cultivated under a rain shelter. <i>Biosystems Engineering</i> , 2015, 132, 1-18.	1.9	47
38	Sediment and nutrient dynamics during storm events in the Enxó temporary river, southern Portugal. <i>Catena</i> , 2015, 127, 177-190.	2.2	54
39	Temporal variability of soil organic carbon transport in the Enxó agricultural watershed. <i>Environmental Earth Sciences</i> , 2015, 73, 6663-6676.	1.3	7
40	A salinização do solo em Portugal. Causas, extensão e soluções. <i>Revista De Ciências Agrárias</i> , 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. <i>Geoderma</i> , 2014, 230-231, 229-242.	2.3	19
43	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
44	Spatial modelling of soil hydraulic properties integrating different supports. <i>Journal of Hydrology</i> , 2014, 511, 1-9.	2.3	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. <i>Agricultural Water Management</i> , 2013, 125, 46-60.	2.4	140
46	Development of class pedotransfer functions for integrating water retention properties into Portuguese soil maps. <i>Soil Research</i> , 2013, 51, 262.	0.6	20
47	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
48	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
49	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
50	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
51	Multicomponent solute transport in soil lysimeters irrigated with waters of different quality. <i>Water Resources Research</i> , 2006, 42, .	1.7	74
52	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