

# Luis Santos Pereira

## List of Publications by Year in descending order

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Version: 2024-02-01

223  
papers

13,460  
citations

18465

62  
h-index

27389

106  
g-index

234  
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234  
docs citations

234  
times ranked

9096  
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	Crop and landscape water requirements. , 2022, , .		0
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	Standard single and basal crop coefficients for field crops. Updates and advances to the FAO56 crop water requirements method. <i>Agricultural Water Management</i> , 2021, 243, 106466.	2.4	35
6	Standard single and basal crop coefficients for vegetable crops, an update of FAO56 crop water requirements approach. <i>Agricultural Water Management</i> , 2021, 243, 106196.	2.4	32
7	Daily grass reference evapotranspiration with Meteosat Second Generation shortwave radiation and reference ET products. <i>Agricultural Water Management</i> , 2021, 248, 106543.	2.4	19
8	Updated single and dual crop coefficients for tree and vine fruit crops. <i>Agricultural Water Management</i> , 2021, 250, 106645.	2.4	51
9	Prediction of crop coefficients from fraction of ground cover and height: Practical application to vegetable, field and fruit crops with focus on parameterization. <i>Agricultural Water Management</i> , 2021, 252, 106663.	2.4	21
10	Transpiration and Water Use of an Irrigated Traditional Olive Grove with Sap-Flow Observations and the FAO56 Dual Crop Coefficient Approach. <i>Water (Switzerland)</i> , 2021, 13, 2466.	1.2	12
11	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
12	Coping with salinity in irrigated agriculture: Crop evapotranspiration and water management issues. <i>Agricultural Water Management</i> , 2020, 227, 105832.	2.4	185
13	Soil water balance models for determining crop water and irrigation requirements and irrigation scheduling focusing on the FAO56 method and the dual Kc approach. <i>Agricultural Water Management</i> , 2020, 241, 106357.	2.4	100
14	Prediction of crop coefficients from fraction of ground cover and height. Background and validation using ground and remote sensing data. <i>Agricultural Water Management</i> , 2020, 241, 106197.	2.4	62
15	A review of strategies, methods and technologies to reduce non-beneficial consumptive water use on farms considering the FAO56 methods. <i>Agricultural Water Management</i> , 2020, 239, 106267.	2.4	46
16	Reference grass evapotranspiration with reduced data sets: Parameterization of the FAO Penman-Monteith temperature approach and the Hargeaves-Samani equation using local climatic variables. <i>Agricultural Water Management</i> , 2020, 240, 106210.	2.4	49
17	Innovation Issues in Water, Agriculture and Food. <i>Water (Switzerland)</i> , 2019, 11, 1230.	1.2	14
18	Computing FAO56 reference grass evapotranspiration PM-ET <sub>o</sub> from temperature with focus on solar radiation. <i>Agricultural Water Management</i> , 2019, 215, 86-102.	2.4	31

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19	Crop Coefficients and Transpiration of a Super Intensive Arbequina Olive Orchard using the Dual Kc Approach and the Kcb Computation with the Fraction of Ground Cover and Height. <i>Water (Switzerland)</i> , 2019, 11, 383.	1.2	26
20	Irrigation Water-Saving Technologies to Adapt to Global Changes in the Yellow River Basin, China: A Hetao Case Study. <i>Climate Change Management</i> , 2018, , 521-537.	0.6	0
21	Assessing potato transpiration, yield and water productivity under various water regimes and planting dates using the FAO dual K c approach. <i>Agricultural Water Management</i> , 2018, 195, 11-24.	2.4	41
22	Spatial and Time Variability of Drought Based on SPI and RDI with Various Time Scales. <i>Water Resources Management</i> , 2018, 32, 1087-1100.	1.9	41
23	Comparing SPI and RDI Applied at Local Scale as Influenced by Climate. <i>Water Resources Management</i> , 2018, 32, 1071-1085.	1.9	35
24	Daily reference crop evapotranspiration with reduced data sets in the humid environments of Azores islands using estimates of actual vapor pressure, solar radiation, and wind speed. <i>Theoretical and Applied Climatology</i> , 2018, 134, 1115-1133.	1.3	21
25	Daily reference crop evapotranspiration in the humid environments of Azores islands using reduced data sets: accuracy of FAO-PM temperature and Hargreaves-Samani methods. <i>Theoretical and Applied Climatology</i> , 2018, 134, 595-611.	1.3	27
26	Evapotranspiration of the Brazilian Pampa Biome: Seasonality and Influential Factors. <i>Water (Switzerland)</i> , 2018, 10, 1864.	1.2	38
27	Accuracy of daily estimation of grass reference evapotranspiration using ERA-Interim reanalysis products with assessment of alternative bias correction schemes. <i>Agricultural Water Management</i> , 2018, 210, 340-353.	2.4	46
28	Basin Irrigation Design with Multi-Criteria Analysis Focusing on Water Saving and Economic Returns: Application to Wheat in Hetao, Yellow River Basin. <i>Water (Switzerland)</i> , 2018, 10, 67.	1.2	17
29	Evapotranspiration Partition and Crop Coefficients of Tifton 85 Bermudagrass as Affected by the Frequency of Cuttings. Application of the FAO56 Dual Kc Model. <i>Water (Switzerland)</i> , 2018, 10, 558.	1.2	17
30	Assessing yield, water productivity and farm economic returns of malt barley as influenced by the sowing dates and supplemental irrigation. <i>Agricultural Water Management</i> , 2017, 179, 132-143.	2.4	25
31	Hyperspectral-based predictive modelling of grapevine water status in the Portuguese Douro wine region. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 58, 177-190.	1.4	33
32	Using the FAO dual crop coefficient approach to model water use and productivity of processing pea ( <i>Pisum sativum</i> L.) as influenced by irrigation strategies. <i>Agricultural Water Management</i> , 2017, 189, 5-18.	2.4	26
33	Water, Agriculture and Food: Challenges and Issues. <i>Water Resources Management</i> , 2017, 31, 2985-2999.	1.9	98
34	Assessing reference evapotranspiration estimation from reanalysis weather products. An application to the Iberian Peninsula. <i>International Journal of Climatology</i> , 2017, 37, 2378-2397.	1.5	42
35	Comparing Sprinkler and Surface Irrigation for Wheat Using Multi-Criteria Analysis: Water Saving vs. Economic Returns. <i>Water (Switzerland)</i> , 2017, 9, 50.	1.2	19
36	Water Use and Yield of Soybean under Various Irrigation Regimes and Severe Water Stress. Application of AquaCrop and SIMDualKc Models. <i>Water (Switzerland)</i> , 2017, 9, 393.	1.2	28

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37	SPI Drought Class Predictions Driven by the North Atlantic Oscillation Index Using Log-Linear Modeling. <i>Water (Switzerland)</i> , 2016, 8, 43.	1.2	18
38	Predicting Maize Transpiration, Water Use and Productivity for Developing Improved Supplemental Irrigation Schedules in Western Uruguay to Cope with Climate Variability. <i>Water (Switzerland)</i> , 2016, 8, 309.	1.2	20
39	Daily Reference Evapotranspiration for Hyper-Arid to Moist Sub-Humid Climates in Inner Mongolia, China: I. Assessing Temperature Methods and Spatial Variability. <i>Water Resources Management</i> , 2016, 30, 3769-3791.	1.9	37
40	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
41	Ecohydrology of groundwater-dependent grasslands of the semi-arid Horqin sandy land of inner Mongolia focusing on evapotranspiration partition. <i>Ecohydrology</i> , 2016, 9, 1052-1067.	1.1	15
42	Influence of Precipitation Changes on the SPI and Related Drought Severity. An Analysis Using Long-Term Data Series. <i>Water Resources Management</i> , 2016, 30, 5737-5757.	1.9	28
43	Daily Reference Evapotranspiration for Hyper-Arid to Moist Sub-Humid Climates in Inner Mongolia, China: II. Trends of ETo and Weather Variables and Related Spatial Patterns. <i>Water Resources Management</i> , 2016, 30, 3793-3814.	1.9	13
44	Modeling water use, transpiration and soil evaporation of spring wheat-maize and spring wheat-sunflower relay intercropping using the dual crop coefficient approach. <i>Agricultural Water Management</i> , 2016, 165, 211-229.	2.4	72
45	Estimation of Actual Crop Coefficients Using Remotely Sensed Vegetation Indices and Soil Water Balance Modelled Data. <i>Remote Sensing</i> , 2015, 7, 2373-2400.	1.8	61
46	Predicting Grapevine Water Status Based on Hyperspectral Reflectance Vegetation Indices. <i>Remote Sensing</i> , 2015, 7, 16460-16479.	1.8	51
47	Assessing drought cycles in SPI time series using a Fourier analysis. <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 571-585.	1.5	32
48	Water use by a groundwater dependent maize in a semi-arid region of Inner Mongolia: Evapotranspiration partitioning and capillary rise. <i>Agricultural Water Management</i> , 2015, 152, 222-232.	2.4	45
49	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
50	Performance assessment of the FAO AquaCrop model for soil water, soil evaporation, biomass and yield of soybeans in North China Plain. <i>Agricultural Water Management</i> , 2015, 152, 57-71.	2.4	73
51	Water Resources Management in an Interdisciplinary and Changing Context. <i>Water Resources Management</i> , 2015, 29, 211-216.	1.9	6
52	Field assessment of basin irrigation performance and water saving in Hetao, Yellow River basin: Issues to support irrigation systems modernisation. <i>Biosystems Engineering</i> , 2015, 136, 102-116.	1.9	37
53	Modeling malt barley water use and evapotranspiration partitioning in two contrasting rainfall years. Assessing AquaCrop and SIMDualKc models. <i>Agricultural Water Management</i> , 2015, 159, 239-254.	2.4	81
54	Assessing and modelling water use and the partition of evapotranspiration of irrigated hop ( <i>Humulus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T Products, 2015, 77, 204-217.	2.5	30

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55	Ground-Based GPS Measurements of Precipitable Water Vapor and Their Usefulness for Hydrological Applications. <i>Water Resources Management</i> , 2015, 29, 471-486.	1.9	15
56	Modelling transpiration, soil evaporation and yield prediction of soybean in North China Plain. <i>Agricultural Water Management</i> , 2015, 147, 43-53.	2.4	89
57	Climate change and Mediterranean agriculture: Impacts on winter wheat and tomato crop evapotranspiration, irrigation requirements and yield. <i>Agricultural Water Management</i> , 2015, 147, 103-115.	2.4	194
58	SPI Modes of Drought Spatial and Temporal Variability in Portugal: Comparing Observations, PT02 and GPCP Gridded Datasets. <i>Water Resources Management</i> , 2015, 29, 487-504.	1.9	27
59	Crop evapotranspiration estimation with FAO56: Past and future. <i>Agricultural Water Management</i> , 2015, 147, 4-20.	2.4	489
60	Remote sensing estimation of actual evapotranspiration and crop coefficients for a multiple land use arid landscape of southern Iran with limited available data. <i>Journal of Hydroinformatics</i> , 2014, 16, 1441-1460.	1.1	19
61	Water Use: Recycling and Desalination for Agriculture. , 2014, , 407-424.		13
62	Development of ternary diagrams for estimating water retention properties using geostatistical approaches. <i>Geoderma</i> , 2014, 230-231, 229-242.	2.3	19
63	Spatial patterns and temporal trends of precipitation in Iran. <i>Theoretical and Applied Climatology</i> , 2014, 115, 531-540.	1.3	62
64	Partitioning evapotranspiration, yield prediction and economic returns of maize under various irrigation management strategies. <i>Agricultural Water Management</i> , 2014, 135, 27-39.	2.4	109
65	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
66	Spatial patterns and temporal trends of daily precipitation indices in Iran. <i>Climatic Change</i> , 2014, 124, 239-253.	1.7	35
67	Drip vs. surface irrigation: A comparison focussing on water saving and economic returns using multicriteria analysis applied to cotton. <i>Biosystems Engineering</i> , 2014, 122, 74-90.	1.9	52
68	Evapotranspiration and crop coefficients for a super intensive olive orchard. An application of SIMDualKc and METRIC models using ground and satellite observations. <i>Journal of Hydrology</i> , 2014, 519, 2067-2080.	2.3	98
69	Impacts of climate change on olive crop evapotranspiration and irrigation requirements in the Mediterranean region. <i>Agricultural Water Management</i> , 2014, 144, 54-68.	2.4	154
70	Satellite-based evapotranspiration of a super-intensive olive orchard: Application of METRIC algorithms. <i>Biosystems Engineering</i> , 2014, 128, 69-81.	1.9	48
71	Vulnerability of Bulgarian agriculture to drought and climate variability with focus on rainfed maize systems. <i>Natural Hazards</i> , 2014, 74, 865-886.	1.6	28
72	Assessing the performance of the FAO AquaCrop model to estimate maize yields and water use under full and deficit irrigation with focus on model parameterization. <i>Agricultural Water Management</i> , 2014, 144, 81-97.	2.4	99

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73	Generating fuzzy rules by learning from olive tree transpiration measurement – An algorithm to automatize Granier sap flow data analysis. <i>Computers and Electronics in Agriculture</i> , 2014, 101, 1-10.	3.7	7
74	Modelling economic impacts of deficit irrigated maize in Brazil with consideration of different rainfall regimes. <i>Biosystems Engineering</i> , 2013, 116, 97-110.	1.9	7
75	Regional Drought Modes in Iran Using the SPI: The Effect of Time Scale and Spatial Resolution. <i>Water Resources Management</i> , 2013, 27, 1661-1674.	1.9	50
76	The dual crop coefficient approach to estimate and partitioning evapotranspiration of the winter wheat–summer maize crop sequence in North China Plain. <i>Irrigation Science</i> , 2013, 31, 1303-1316.	1.3	118
77	Effects of water deficits on growth, yield and water productivity of drip-irrigated onion ( <i>Allium cepa</i> ) Tj ETQq1 1 0.784314 rgBI /Overlo 1.3 57	1.3	57
78	Responses of drip irrigated tomato ( <i>Solanum lycopersicum</i> L.) yield, quality and water productivity to various soil matric potential thresholds in an arid region of Northwest China. <i>Agricultural Water Management</i> , 2013, 129, 181-193.	2.4	87
79	Spatial variability analysis of reference evapotranspiration in Iran utilizing fine resolution gridded datasets. <i>Agricultural Water Management</i> , 2013, 126, 104-118.	2.4	44
80	Multi-band remote sensing based retrieval model and 3D analysis of water depth in Hulun Lake, China. <i>Mathematical and Computer Modelling</i> , 2013, 58, 771-781.	2.0	10
81	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
82	Reference evapotranspiration estimate with limited weather data across a range of Mediterranean climates. <i>Journal of Hydrology</i> , 2013, 481, 166-176.	2.3	142
83	Using remote sensing energy balance and evapotranspiration to characterize montane landscape vegetation with focus on grass and pasture lands. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 21, 159-172.	1.4	41
84	Assessing homogeneous regions relative to drought class transitions using an ANOVA-like inference. Application to Alentejo, Portugal. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 183-193.	1.9	8
85	Estimation of ETo with Hargreaves–Samani and FAO-PM temperature methods for a wide range of climates in Iran. <i>Agricultural Water Management</i> , 2013, 121, 1-18.	2.4	156
86	Dual crop coefficients for maize in southern Brazil: Model testing for sprinkler and drip irrigation and mulched soil. <i>Biosystems Engineering</i> , 2013, 115, 291-310.	1.9	60
87	Comparing sprinkler and drip irrigation systems for full and deficit irrigated maize using multicriteria analysis and simulation modelling: Ranking for water saving vs. farm economic returns. <i>Agricultural Water Management</i> , 2013, 126, 85-96.	2.4	63
88	Dual crop coefficient modelling applied to the winter wheat–summer maize crop sequence in North China Plain: Basal crop coefficients and soil evaporation component. <i>Agricultural Water Management</i> , 2013, 117, 93-105.	2.4	106
89	Development of class pedotransfer functions for integrating water retention properties into Portuguese soil maps. <i>Soil Research</i> , 2013, 51, 262.	0.6	20
90	Crop Water Requirements. , 2013, , .		8

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91	Validation and Application of Model ISAREG in a Typical Semi-arid Sand-Meadow Area of Horqin Sandy Land. <i>IFIP Advances in Information and Communication Technology</i> , 2013, , 421-429.	0.5	2
92	Climate trends and behaviour of drought indices based on precipitation and evapotranspiration in Portugal. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 1481-1491.	1.5	206
93	Are drought occurrence and severity aggravating? A study on SPI drought class transitions using log-linear models and ANOVA-like inference. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3011-3028.	1.9	28
94	Dynamics of mountain semi-natural grassland meadows inferred from SPOT-VEGETATION and field spectroradiometer data. <i>International Journal of Remote Sensing</i> , 2012, 33, 4334-4355.	1.3	17
95	Clustering of log-linear models using LRT $\langle i \rangle p \langle i \rangle$ -values to assess homogeneous regions relative to drought class transitions. <i>Journal of Statistical Computation and Simulation</i> , 2012, 82, 293-308.	0.7	0
96	ESTIMATING TRANSPIRATION AND SOIL EVAPORATION OF VINEYARDS FROM THE FRACTION OF GROUND COVER AND CROP HEIGHT - APPLICATION TO 'ALBARIÃO' VINEYARDS OF GALICIA. <i>Acta Horticulturae</i> , 2012, , 227-234.	0.1	6
97	ESTIMATION OF THE PAPAYA CROP COEFFICIENTS FOR IMPROVING IRRIGATION WATER MANAGEMENT IN SOUTH OF HAVANA. <i>Acta Horticulturae</i> , 2012, , 179-186.	0.1	3
98	Improved indicators of water use performance and productivity for sustainable water conservation and saving. <i>Agricultural Water Management</i> , 2012, 108, 39-51.	2.4	327
99	Implementing the dual crop coefficient approach in interactive software. 1. Background and computational strategy. <i>Agricultural Water Management</i> , 2012, 103, 8-24.	2.4	147
100	Implementing the dual crop coefficient approach in interactive software: 2. Model testing. <i>Agricultural Water Management</i> , 2012, 103, 62-77.	2.4	93
101	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
102	Using the dual-Kc approach to model evapotranspiration of Albariño vineyards (Vitis vinifera L. cv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	64
103	DEPIVOT: A model for center-pivot design and evaluation. <i>Computers and Electronics in Agriculture</i> , 2012, 87, 159-170.	3.7	29
104	Water saving vs. farm economics in cotton surface irrigation: An application of multicriteria analysis. <i>Agricultural Water Management</i> , 2012, 115, 223-231.	2.4	26
105	Spatial and temporal variability of precipitation and drought in Portugal. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 1493-1501.	1.5	82
106	Relationship between daily atmospheric circulation types and winter dry/wet spells in western Iran. <i>International Journal of Climatology</i> , 2012, 32, 1056-1068.	1.5	22
107	The dual crop coefficient approach using a density factor to simulate the evapotranspiration of a peach orchard: SIMDualKc model versus eddy covariance measurements. <i>Irrigation Science</i> , 2012, 30, 115-126.	1.3	79
108	Remote sensing based indicators of changes in a mountain rural landscape of Northeast Portugal. <i>Applied Geography</i> , 2011, 31, 871-880.	1.7	73

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109	Modelling for maize irrigation scheduling using long term experimental data from Plovdiv region, Bulgaria. <i>Agricultural Water Management</i> , 2011, 98, 675-683.	2.4	33
110	Evapotranspiration information reporting: I. Factors governing measurement accuracy. <i>Agricultural Water Management</i> , 2011, 98, 899-920.	2.4	706
111	Evapotranspiration information reporting: II. Recommended documentation. <i>Agricultural Water Management</i> , 2011, 98, 921-929.	2.4	114
112	Nitrogen dynamics in volcanic soils under permanent pasture. <i>Geoderma</i> , 2011, 160, 384-393.	2.3	5
113	An evaluation of changes in a mountainous rural landscape of Northeast Portugal using remotely sensed data. <i>Landscape and Urban Planning</i> , 2011, 101, 253-261.	3.4	31
114	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
115	THE DUAL CROP COEFFICIENT APPROACH: TESTING THE SIMDUALKC MODEL WITH PEACH ORCHARD EVAPOTRANSPIRATION EDDY COVARIANCE MEASUREMENTS. <i>Acta Horticulturae</i> , 2011, , 181-188.	0.1	2
116	DETERMINATION OF CROP COEFFICIENTS FOR HORTICULTURAL CROPS IN CUBA THROUGH FIELD EXPERIMENTS AND WATER BALANCE SIMULATION. <i>Acta Horticulturae</i> , 2011, , 475-482.	0.1	3
117	An Application of GPCC and NCEP/NCAR Datasets for Drought Variability Analysis in Iran. <i>Water Resources Management</i> , 2011, 25, 1075-1086.	1.9	67
118	Using MODFLOW and GIS to Assess Changes in Groundwater Dynamics in Response to Water Saving Measures in Irrigation Districts of the Upper Yellow River Basin. <i>Water Resources Management</i> , 2011, 25, 2035-2059.	1.9	118
119	Impacts of spatial variability of basins microtopography on irrigation performance. <i>Irrigation Science</i> , 2011, 29, 359-368.	1.3	14
120	Furrow irrigation design with multicriteria analysis. <i>Biosystems Engineering</i> , 2011, 109, 266-275.	1.9	23
121	Stochastic modeling of basins microtopography: analysis of spatial variability and model testing. <i>Irrigation Science</i> , 2010, 28, 157-172.	1.3	21
122	Flexible delivery schedules to improve farm irrigation and reduce pressure on groundwater: a case study in southern Italy. <i>Irrigation Science</i> , 2010, 28, 257-270.	1.3	18
123	Relating energy performance and water productivity of sprinkler irrigated maize, wheat and sunflower under limited water availability. <i>Biosystems Engineering</i> , 2010, 106, 195-204.	1.9	21
124	Recommended Documentation of Evapotranspiration Measurements and Associated Weather Data and a Review of Requirements for Accuracy. , 2010, , .		1
125	Space-time variability of hydrological drought and wetness in Iran using NCEP/NCAR and GPCC datasets. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 1919-1930.	1.9	31
126	Evaluating MODIS vegetation indices using ground based measurements in mountain semi-natural meadows of Northeast Portugal. , 2010, , .		5



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127	Assessing the groundwater dynamics and impacts of water saving in the Hetao Irrigation District, Yellow River basin. <i>Agricultural Water Management</i> , 2010, 98, 301-313.	2.4	164
128	Simulation of the soil water balance of wheat using daily weather forecast messages to estimate the reference evapotranspiration. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 1045-1059.	1.9	47
129	A Web-based Decision Support System for Surface Irrigation Design. <i>Software Development</i> , , 2009, , .		0
130	Coping with Water Scarcity. , 2009, , .		96
131	Water Conservation and Saving: Concepts and Performance. , 2009, , 221-242.		0
132	Conceptual Thinking in Coping with Water Scarcity. , 2009, , 77-98.		1
133	Water Conservation and Saving Measures and Practices. , 2009, , 243-328.		0
134	Spatial Patterns and Temporal Variability of Drought in Western Iran. <i>Water Resources Management</i> , 2009, 23, 439-455.	1.9	241
135	Estimating crop coefficients from fraction of ground cover and height. <i>Irrigation Science</i> , 2009, 28, 17-34.	1.3	326
136	Assessing economic impacts of deficit irrigation as related to water productivity and water costs. <i>Biosystems Engineering</i> , 2009, 103, 536-551.	1.9	108
137	MIRRIG: A decision support system for design and evaluation of microirrigation systems. <i>Agricultural Water Management</i> , 2009, 96, 691-701.	2.4	29
138	Multicriteria analysis for design of microirrigation systems. Application and sensitivity analysis. <i>Agricultural Water Management</i> , 2009, 96, 702-710.	2.4	12
139	Irrigation scheduling strategies for cotton to cope with water scarcity in the Fergana Valley, Central Asia. <i>Agricultural Water Management</i> , 2009, 96, 723-735.	2.4	86
140	Decision Support System for Surface Irrigation Design. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2009, 135, 343-356.	0.6	35
141	Estimating Crop Coefficients from Fraction of Ground Cover and Height. , 2009, , .		0
142	Water Scarcity Concepts. , 2009, , 7-24.		3
143	Droughts and Desertification. , 2009, , 47-75.		0
144	Physical Characteristics and Processes Leading to Water Scarcity. , 2009, , 25-46.		0

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145	Groundwater Use and Recharge. , 2009, , 133-174.		1
146	SurfaceWater Use and Harvesting. , 2009, , 99-132.		0
147	Social, Economic, Cultural, Legal and Institutional Constraints and Issues. , 2009, , 329-342.		1
148	Stochastic Prediction of Drought Class Transitions. Water Resources Management, 2008, 22, 1277-1296.	1.9	51
149	Cotton irrigation scheduling in central Asia: model calibration and validation with consideration of groundwater contribution. Irrigation and Drainage, 2008, 57, 516-532.	0.8	43
150	Irrigation scheduling for furrow-irrigated maize under climate uncertainties in the Thrace plain, Bulgaria. Biosystems Engineering, 2008, 99, 587-597.	1.9	12
151	SPI-based drought category prediction using loglinear models. Journal of Hydrology, 2008, 354, 116-130.	2.3	132
152	Performance analysis of pressurized irrigation systems operating on-demand using flow-driven simulation models. Agricultural Water Management, 2008, 95, 154-162.	2.4	36
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