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A recommendation on standardized surface resistance for hourly calculation of reference ETo by the FAO56 Penman-Monteith method

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395	Agrometeorology and water needs of crops. <b>2006</b> , 1, 587		
394	Estimating reference evapotranspiration with the FAO Penman Monteith equation using daily weather forecast messages. <b>2007</b> , 145, 22-35		208
393	Measuring versus estimating net radiation and soil heat flux: Impact on Penman <b>M</b> onteith reference ET estimates in semiarid regions. <i>Agricultural Water Management</i> , <b>2007</b> , 89, 275-286	5.9	91
392	Surface Energy Fluxes and Evapotranspiration of a Mango Orchard Grown in a Semiarid Environment. <b>2007</b> , 99, 1391-1396		14
391	Evaporation and energy balance of a wet grassland at Tadham Moor on the Somerset Levels. <b>2008</b> , 22, 2346-2357		11
390	Improvement of FAO-56 method for olive orchards through sequential assimilation of thermal infrared-based estimates of ET. <i>Agricultural Water Management</i> , <b>2008</b> , 95, 309-321	5.9	61
389	Water balance of centre pivot irrigated pasture in northern Victoria, Australia. <i>Agricultural Water Management</i> , <b>2008</b> , 95, 566-574	5.9	8
388	Crop coefficients for winter wheat in a sub-humid climate regime. <i>Agricultural Water Management</i> , <b>2008</b> , 95, 918-924	5.9	20
387	Water use assessment in muskmelon by the PenmanMonteith Bne-steplapproach. <i>Agricultural Water Management</i> , <b>2008</b> , 95, 1153-1160	5.9	18
386	Comparison of Standardized Reference Evapotranspiration Equations in Southern Spain. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2008</b> , 134, 1-12	1.1	59
385	Quality Assessment of Weather Data and Micrometeological Flux-Impacts on Evapotranspiration Calculation. <b>2008</b> , 64, 191-204		31
384	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> , <b>2009</b> , 13, 1045-1059	5.5	39
383	A Bayesian approach to estimate sensible and latent heat over vegetated land surface. <i>Hydrology</i> and Earth System Sciences, <b>2009</b> , 13, 749-758	5.5	13
382	Citrus orchard evapotranspiration: Comparison between eddy covariance measurements and the FAO-56 approach estimates. <b>2009</b> , 143, 201-208		32
381	Indirect and direct recharges in a tropical forested watershed: Mule Hole, India. <i>Journal of Hydrology</i> , <b>2009</b> , 364, 272-284	6	44
380	A comparison of ASCE and FAO-56 reference evapotranspiration for a 15-min time step in humid climate conditions. <i>Journal of Hydrology</i> , <b>2009</b> , 375, 326-333	6	16
379	Artificial neural network models for estimating regional reference evapotranspiration based on climate factors. <b>2009</b> , 23, 442-450		36

## (2011-2009)

378	A simple method using climatic variables to estimate canopy temperature, sensible and latent heat fluxes in a winter wheat field on the North China Plain. <b>2009</b> , 23, 665-674		5
377	Observations of surface radon in Central Italy. <b>2009</b> , 58, 431-436		13
376	Estimating crop coefficients from fraction of ground cover and height. <i>Irrigation Science</i> , <b>2009</b> , 28, 17-	343.1	249
375	A discussion on and alternative to the PenmanMonteith equation. <i>Agricultural Water Management</i> , <b>2009</b> , 96, 711-721	5.9	31
374	Estimating Crop Coefficients from Fraction of Ground Cover and Height. 2009,		
373	Measurement and estimation of plastic greenhouse reference evapotranspiration in a Mediterranean climate. <i>Irrigation Science</i> , <b>2010</b> , 28, 497-509	3.1	107
372	Evapotranspira® e coeficiente de cultivo do algodoeiro BRS-200 Marrom, irrigado. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2010</b> , 14, 625-632	0.9	25
371	A comparison of ASCAT and modelled soil moisture over South Africa, using TOPKAPI in land surface mode. <i>Hydrology and Earth System Sciences</i> , <b>2010</b> , 14, 613-626	5.5	40
370	Estimating Crop Water Use of Cotton in the Texas High Plains. <b>2010</b> , 102, 1641-1651		22
369	Estimating reference crop evapotranspiration using HGA-LSSVM. <b>2010</b> ,		
368	Assessment of reference evapotranspiration methods in semi-arid regions: Can weather forecast data be used as alternate of ground meteorological parameters?. <b>2010</b> , 74, 1587-1596		62
367	Modelling the chemical weathering fluxes at the watershed scale in the Tropics (Mule Hole, South India): Relative contribution of the smectite/kaolinite assemblage versus primary minerals. <b>2010</b> , 277, 42-60		50
366	An alternative to define canopy surface temperature bounds. <i>Agricultural Water Management</i> , <b>2010</b> , 97, 224-230	5.9	6
365	Effects of rising atmospheric CO2 on crop evapotranspiration in a Mediterranean area. <i>Agricultural Water Management</i> , <b>2010</b> , 97, 1287-1292	5.9	33
364	Effects of irrigation strategies and soils on field-grown potatoes: Gas exchange and xylem [ABA]. <i>Agricultural Water Management</i> , <b>2010</b> , 97, 1486-1494	5.9	55
363	Enhancing the Simplified Surface Energy Balance (SSEB) approach for estimating landscape ET: Validation with the METRIC model. <i>Agricultural Water Management</i> , <b>2011</b> , 98, 606-618	5.9	77
362	Evapotranspiration information reporting: I. Factors governing measurement accuracy. <i>Agricultural Water Management</i> , <b>2011</b> , 98, 899-920	5.9	539
361	Quantifying Nitrate Leaching in Irrigated Wheat with Different Nitrogen Fertilization Strategies in an Alfisol. <b>2011</b> , 71, 148-156		9

360	Generating reference evapotranspiration surfaces from the Hargreaves equation at watershed scale. <i>Hydrology and Earth System Sciences</i> , <b>2011</b> , 15, 2495-2508	5.5	39
359	A calibration procedure for load cells to improve accuracy of mini-lysimeters in monitoring evapotranspiration. <i>Journal of Hydrology</i> , <b>2011</b> , 406, 113-118	6	12
358	Evapotranspiration adjustments for deficit-irrigated corn using canopy temperature: A concept. <b>2011</b> , 60, 682-693		16
357	Air temperature estimation with MSG-SEVIRI data: Calibration and validation of the TVX algorithm for the Iberian Peninsula. <b>2011</b> , 115, 107-116		92
356	Global estimates of evapotranspiration for climate studies using multi-sensor remote sensing data: Evaluation of three process-based approaches. <b>2011</b> , 115, 801-823		318
355	Evaluation of some equations for estimating evapotranspiration in the south of Iran. <b>2011</b> , 57, 741-752		10
354	Trends in climatic variables and future reference evapotranspiration in Duero Valley (Spain). <b>2011</b> , 17, 1795-1805		44
353	Evapotranspiration and soil water relationships in a range of disturbed and undisturbed ecosystems in the semi-arid Inner Mongolia, China. <b>2011</b> , 4, 49-60		63
352	Modeling daily reference evapotranspiration (ET0) in the north of Algeria using generalized regression neural networks (GRNN) and radial basis function neural networks (RBFNN): a comparative study. <b>2012</b> , 118, 163-178		65
351	Evapotranspiration and crop coefficient for sprinkler-irrigated cotton crop in Apodi Plateau semiarid lands of Brazil. <i>Agricultural Water Management</i> , <b>2012</b> , 107, 86-93	5.9	31
350	Short-term and diurnal patterns of salt secretion by Tamarix ramosissima and their relationships with climatic factors. <b>2012</b> , 83, 62-68		13
349	Surface energy balance and actual evapotranspiration of the transboundary Indus Basin estimated from satellite measurements and the ETLook model. <b>2012</b> , 48,		103
348	Two-source energy balance model estimates of evapotranspiration using component and composite surface temperatures. <b>2012</b> , 50, 134-151		118
347	Operational determination of daily actual evapotranspiration of irrigated tomato crops under Mediterranean conditions by one-step and two-step models: Multiannual and local evaluations. <i>Agricultural Water Management</i> , <b>2012</b> , 115, 285-296	5.9	13
346	Diagnostic analysis of distributed input and parameter datasets in Mediterranean basin streamflow modeling. <i>Journal of Hydrology</i> , <b>2012</b> , 472-473, 262-276	6	21
345	Influence of soil water content and atmospheric conditions on leaf water potential in cv. Ifouriga Nacional Ideep-rooted vineyards. <i>Irrigation Science</i> , <b>2012</b> , 30, 407-417	3.1	13
344	Effects of canopy size and water stress over the crop coefficient of a Tempranillo vineyard in south-western Spain. <i>Irrigation Science</i> , <b>2012</b> , 30, 419-432	3.1	51
343	Estimating Water Requirements of an Irrigated Mediterranean Vineyard Using a Satellite-Based Approach. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2012</b> , 138, 896-904	1.1	14

### (2013-2012)

342	Evaluation of wheat and maize evapotranspiration determination by direct use of the Penman Monteith equation in a semi-arid region. <b>2012</b> , 58, 1283-1302		14
341	Fate and Transport of Thirteen Pharmaceutical and Personal Care Products in a Controlled Irrigated Turfgrass System. <b>2012</b> , 104, 1244-1254		10
340	A Comparative Study on Hourly Real Evapotranspiration and Potential Evapotranspiration during Different Vegetation Growth Stages in the Zoige Wetland. <b>2012</b> , 13, 1585-1594		8
339	Evapotranspiration of a high-density poplar stand in comparison with a reference grass cover in the CzechMoravian Highlands. <b>2013</b> , 181, 43-60		34
338	Simulation of peak-demand hydrographs in pressurized irrigation delivery systems using a deterministic tochastic combined model. Part I: model development. <i>Irrigation Science</i> , <b>2013</b> , 31, 209-2	24.1	3
337	An Improved Estimation of the Angstrom <b>P</b> rescott Radiation Coefficients for the FAO56 Penman <b>M</b> onteith Evapotranspiration Method. <b>2013</b> , 27, 2839-2854		20
336	Water requirements of urban landscape plants: A comparison of three factor-based approaches. <b>2013</b> , 57, 276-284		40
335	Spatial variability analysis of reference evapotranspiration in Iran utilizing fine resolution gridded datasets. <i>Agricultural Water Management</i> , <b>2013</b> , 126, 104-118	5.9	37
334	Temporal upscaling of instantaneous evapotranspiration: An intercomparison of four methods using eddy covariance measurements and MODIS data. <b>2013</b> , 138, 102-118		50
333	Assessment of an empirical spatial prediction model of vine water status for irrigation management in a grapevine field. <i>Agricultural Water Management</i> , <b>2013</b> , 124, 58-68	5.9	17
332	Climate and plant cover co-determine the elevational reduction in evapotranspiration in the Swiss Alps. <i>Journal of Hydrology</i> , <b>2013</b> , 500, 75-83	6	18
331	Reference evapotranspiration estimate with limited weather data across a range of Mediterranean climates. <i>Journal of Hydrology</i> , <b>2013</b> , 481, 166-176	6	113
330	Estimation of ETo with HargreavesBamani and FAO-PM temperature methods for a wide range of climates in Iran. <i>Agricultural Water Management</i> , <b>2013</b> , 121, 1-18	5.9	114
329	Estimation of crop coefficients of dry-seeded irrigated riceWheat rotation on raised beds by field water balance method in the Indo-Gangetic plains, India. <i>Agricultural Water Management</i> , <b>2013</b> , 123, 20-31	5.9	23
328	Comparative analysis of 31 reference evapotranspiration methods under humid conditions. <i>Irrigation Science</i> , <b>2013</b> , 31, 107-117	3.1	192
327	Determination of Evapotranspiration and Annual Biomass Productivity of a Cactus Pear [ Opuntia ficus-indica L. (Mill.)] Orchard in a Semiarid Environment. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 680-690	1.1	25
326	Quantification of the water balance and hydrogeological processes of groundwaterlake interactions in the Pampa Plain, Argentina. <b>2013</b> , 68, 2347-2357		29
325	An overview of drought events in the Carpathian Region in 19612010. <i>Advances in Science and Research</i> , <b>2013</b> , 10, 21-32		79

324	Assessment of Reference Evapotranspiration by the Hargreaves Method in the Bekaa Valley, Lebanon. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2013</b> , 139, 933-938	1.1	8
323	Effects of Climate Variability on Evaporation in Dongping Lake, China, during 2003\(\mathbb{Q}\)010. <b>2013</b> , 2013, 1-11		6
322	. 2013,		
321	Water-use dynamics of a peat swamp forest and a dune forest in Maputaland, South Africa.  Hydrology and Earth System Sciences, <b>2013</b> , 17, 2053-2067	5.5	9
320	Water and Salt Status of Bare Soil and Turfgrass Systems Irrigated with Recycled Water. <b>2013</b> , 105, 105	51-106	0 3
319	Simulating Water Resource Availability under Data Scarcity A Case Study for the Ferghana Valley (Central Asia). <i>Water (Switzerland)</i> , <b>2014</b> , 6, 3270-3299	3	5
318	Comparison of Latent Heat Flux Using Aerodynamic Methods and Using the Penman Monteith Method with Satellite-Based Surface Energy Balance. <i>Remote Sensing</i> , <b>2014</b> , 6, 8844-8877	5	22
317	Contrasting roles of interception and transpiration in the hydrological cycle Part 1: Temporal characteristics over land. <b>2014</b> , 5, 441-469		77
316	Web-based teaching, learning and research using accessible real-time data obtained from field-based agrometeorological measurement systems1 Based on the thesis by Savage (2014). View all notes. <b>2014</b> , 31, 13-23		5
315	Determining water and nitrogen balances for beneficial management practices using lysimeters at Wagna test site (Austria). <b>2014</b> , 499, 448-62		27
314	FAO-56 methodology for determining water requirement of irrigated crops: critical examination of the concepts, alternative proposals and validation in Mediterranean region. <b>2014</b> , 116, 515-536		30
313	Fate of selenium in a small urban watershed. <b>2014</b> , 186, 3181-97		2
312	Short-term forecasting of daily reference evapotranspiration using the HargreavesBamani model and temperature forecasts. <i>Agricultural Water Management</i> , <b>2014</b> , 136, 42-51	5.9	56
311	Climate change and Ecotone boundaries: Insights from a cellular automata ecohydrology model in a Mediterranean catchment with topography controlled vegetation patterns. <b>2014</b> , 73, 159-175		29
310	Calibration of HargreavesBamani equation for estimating reference evapotranspiration in semiarid and arid regions. <b>2014</b> , 60, 695-713		23
309	Evaluation of pan coefficient equations for estimating reference crop evapotranspiration in the arid region. <b>2014</b> , 60, 715-731		12
308	Sustainable management of limited water resources in a young orange orchard. <i>Agricultural Water Management</i> , <b>2014</b> , 132, 60-68	5.9	42
307	Quantitative assessment and prediction of drought under climate change impact in Birjand region, Iran. <b>2014</b> , 4, 245		

306	IMPROVEMENT OF CASC2D MODEL FOR RAINFALL-RUNOFF SIMULATIONS IN A FORESTED CATCHMENT. <b>2014</b> , 70, I_157-I_162		2
305	Estimating evapotranspiration and groundwater flow from water-table fluctuations for a general wetland scenario. <b>2014</b> , 7, 378-390		40
304	Evapotranspiration and Infiltration in Rain Garden Systems. 2015,		4
303	Variations of crop coefficient and its influencing factors in an arid advective cropland of northwest China. <b>2015</b> , 29, 239-249		24
302	Calculating Sunshine Hours and Reference Evapotranspiration in Arid Regions When Solar Radiation Data are Limited. <b>2015</b> , 64, 419-425		2
301	Growth of eucalyptus plants irrigated with saline water. <b>2015</b> , 10, 1091-1096		2
300	Extending periodic eddy covariance latent heat fluxes through tree sap-flow measurements to estimate long-term total evaporation in a peat swamp forest. <i>Hydrology and Earth System Sciences</i> , <b>2015</b> , 19, 2513-2534	5.5	6
299	The Bushland weighing lysimeters: A quarter century of crop ET investigations to advance sustainable irrigation. <b>2015</b> ,		1
298	Spatiotemporal Correlations between Water Footprint and Agricultural Inputs: A Case Study of Maize Production in Northeast China. <i>Water (Switzerland)</i> , <b>2015</b> , 7, 4026-4040	3	14
297	Actual evapotranspiration and precipitation measured by lysimeters: a comparison with eddy covariance and tipping bucket. <i>Hydrology and Earth System Sciences</i> , <b>2015</b> , 19, 2145-2161	5.5	99
296	Evapotranspiration Estimates over Non-Homogeneous Mediterranean Land Cover by a Calibrated Tritical Resistance Approach. <b>2015</b> , 6, 255-272		6
295	Recharge and groundwater use in the North China Plain for six irrigated crops for an eleven year period. <b>2015</b> , 10, e0115269		47
294	Soil physical attributes in chemigated banana plantation with wastewater. <b>2015</b> , 35, 998-1008		3
293	Fiber quality of upland cotton under different irrigation depths. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , <b>2015</b> , 19, 1057-1063	0.9	10
292	Reference evapotranspiration estimates based on minimum meteorological variable requirements of historical weather data. <b>2015</b> , 75, 366-374		7
291	Divergence of actual and reference evapotranspiration observations for irrigated sugarcane with windy tropical conditions. <i>Hydrology and Earth System Sciences</i> , <b>2015</b> , 19, 583-599	5.5	11
<b>2</b> 90	Modelling the Crop Water Requirement Using FAO-CROPWAT and Assessment of Water Resources for Sustainable Water Resource Management: A Case Study in Palakkad District of Humid Tropical Kerala, India. <b>2015</b> , 4, 1211-1219		47
289	Evaluation and calibration of Blaney@riddle equation for estimating reference evapotranspiration in semiarid and arid regions. 2015, 74, 4053-4063		10

288	Experimental study on the building evaporative cooling by using the Climatic Wind Tunnel. <b>2015</b> , 104, 360-368		21
287	Development of an inexact-variance hydrological modeling system for analyzing interactive effects of multiple uncertain parameters. <i>Journal of Hydrology</i> , <b>2015</b> , 528, 94-107	6	13
286	. <b>2015</b> , 8, 1478-1486		39
285	In situ measurements of tritium evapotranspiration ([H-ET) flux over grass and soil using the gradient and eddy covariance experimental methods and the FAO-56 model. <b>2015</b> , 148, 1-9		4
284	Water balances and evapotranspiration in water- and dry-seeded rice systems. <i>Irrigation Science</i> , <b>2015</b> , 33, 375-385	3.1	53
283	Changes in evapotranspiration and phenology as consequences of shrub removal in dry forests of central Argentina. <b>2015</b> , 8, 1304-1311		8
282	Comparison of hourly and daily reference crop evapotranspiration equations across seasons and climate zones in Australia. <i>Agricultural Water Management</i> , <b>2015</b> , 148, 84-96	5.9	21
281	Crop evapotranspiration estimation with FAO56: Past and future. <i>Agricultural Water Management</i> , <b>2015</b> , 147, 4-20	5.9	327
280	Advances in ET-based landscape irrigation management. <i>Agricultural Water Management</i> , <b>2015</b> , 147, 187-197	5.9	31
279	Growth of Khaya senegalensis plant under water deficit. <b>2016</b> , 11, 1623-1628		1
278	Partial Root-Zone Drying of Olive (Olea europaea var. 'Chetoui') Induces Reduced Yield under Field Conditions. <b>2016</b> , 11, e0157089		28
277	Spatial pattern characteristics of water footprint for maize production in Northeast China. <b>2016</b> , 96, 561-8		17
276	Impact of soil variability on evapotranspiration of wine grapes. Acta Horticulturae, 2016, 217-224	0.3	
275	Deficit irrigation for enhancing Ilaroccolbrange fruit quality. Acta Horticulturae, 2016, 179-186	0.3	2
274	Spatial variability of phenology in two irrigated grapevine cultivar growing under semi-arid conditions. <b>2016</b> , 17, 218-245		20
273	Daily Reference Evapotranspiration for Hyper-Arid to Moist Sub-Humid Climates in Inner Mongolia, China: I. Assessing Temperature Methods and Spatial Variability. <b>2016</b> , 30, 3769-3791		31
273 272			31

### (2017-2016)

270	Field-based experimental water footprint study of sunflower growth in a semi-arid region of China. <b>2016</b> , 96, 3266-73		17
269	Evapotranspiration estimation of Platycladus orientalis in Northern China based on various models. <b>2016</b> , 27, 871-878		7
268	Estimation of crop coefficient of irrigated transplanted puddled rice by field scale water balance in the semi-arid Indo-Gangetic Plains, India. <i>Agricultural Water Management</i> , <b>2016</b> , 176, 142-150	5.9	11
267	SIMETAW# - a Model for Agricultural Water Demand Planning. <b>2016</b> , 30, 541-557		15
266	Soil water balance correction due to light rainfall, dew and fog in Ebro river basin (Spain). <i>Agricultural Water Management</i> , <b>2016</b> , 170, 61-67	5.9	6
265	Water stress causes stomatal closure but does not reduce canopy evapotranspiration in almond. <i>Agricultural Water Management</i> , <b>2016</b> , 168, 11-22	5.9	28
264	Trends in major and minor meteorological variables and their influence on reference evapotranspiration for mid Himalayan region at east Sikkim, India. <b>2016</b> , 13, 302-315		23
263	A Thermodynamically Based Model for Actual Evapotranspiration of an Extensive Grass Field Close to FAO Reference, Suitable for Remote Sensing Application. <b>2016</b> , 17, 1373-1382		25
262	Particle swarm optimization-based radial basis function network for estimation of reference evapotranspiration. <b>2016</b> , 125, 555-563		29
261	Wavelet-multivariate relevance vector machine hybrid model for forecasting daily evapotranspiration. <b>2016</b> , 30, 103-117		12
260	Comparison of lysimeter based and calculated ASCE reference evapotranspiration in a subhumid climate. <b>2016</b> , 124, 315-324		5
259	Actual evapotranspiration for a reference crop within measured and future changing climate periods in the Mediterranean region. <b>2017</b> , 129, 923-938		7
258	Including hydrological self-regulating processes in peatland models: Effects on peatmoss drought projections. <b>2017</b> , 580, 1389-1400		18
257	Evapotranspiration in Rain Gardens Using Weighing Lysimeters. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2017</b> , 143, 04017004	1.1	28
256	Temporal upscaling of instantaneous evapotranspiration on clear-sky days using the constant reference evaporative fraction method with fixed or variable surface resistances at two cropland sites. <b>2017</b> , 122, 784-801		13
255	Estimation of grass reference evaporation and sensible heat flux using surface renewal and Monin-Obukhov similarity theory: A simple implementation of an iterative method. <i>Journal of Hydrology</i> , <b>2017</b> , 547, 742-754	6	7
254	Comparison of 16 models for reference crop evapotranspiration against weighing lysimeter measurement. <i>Agricultural Water Management</i> , <b>2017</b> , 184, 145-155	5.9	53
253	Can crop coefficients improve the economics of irrigated crops?. <i>Acta Horticulturae</i> , <b>2017</b> , 515-520	0.3	1

252	A simple and alternative approach based on reference evapotranspiration and leaf area index for estimating tree transpiration in semi-arid regions. <i>Agricultural Water Management</i> , <b>2017</b> , 188, 61-68	:.9	13
251	Self-made microlysimeters to measure soil evaporation: a test on aerobic rice in northern Italy. <b>2017</b> , 15, 669-680		5
250	Water, Agriculture and Food: Challenges and Issues. <b>2017</b> , 31, 2985-2999		60
249	Evaluation of Reference Evapotranspiration Methods in Arid, Semiarid, and Humid Regions. <b>2017</b> , 53, 791-808		18
248	The performance of three fog gauges under field conditions and its relationship with meteorological variables in an exposed site in Tenerife (Canary Islands). <b>2017</b> , 233, 80-91		9
247	Modeling rice evapotranspiration under water-saving irrigation by calibrating canopy resistance model parameters in the Penman-Monteith equation. <i>Agricultural Water Management</i> , <b>2017</b> , 182, 55-66	:.9	27
246	Effect of observation scale on remote sensing based estimates of evapotranspiration in a semi-arid row cropped orchard environment. <b>2017</b> , 18, 762-778		8
245	Estimation of transpiration fluxes from rainfed and irrigated sugarcane in South Africa using a canopy resistance and crop coefficient model. <i>Agricultural Water Management</i> , <b>2017</b> , 181, 94-107	:.9	7
244	The determinants of streamflow variability and variation in Three-River Source of China: climate change or ecological restoration?. <b>2017</b> , 76, 1		8
243	Measurement of Evapotranspiration in Turfgrass: A Comparison of Techniques. <b>2017</b> , 109, 2190-2198		1
242	Comparison of hourly and daily Penman-Monteith grass- and alfalfa-reference evapotranspiration equations and crop coefficients for maize under arid climatic conditions. <i>Agricultural Water Management</i> , <b>2017</b> , 192, 1-11	i.9	11
241	Partial root-zone drying irrigation in orange orchards: Effects on water use and crop production characteristics. <b>2017</b> , 82, 190-202		65
240	Assessing reference evapotranspiration at regional scale based on remote sensing, weather forecast and GIS tools. <b>2017</b> , 55, 32-42		16
239	Pan-European seasonal trends and recent changes of drought frequency and severity. <b>2017</b> , 148, 113-130	)	115
238	Calibration of a parsimonious distributed ecohydrological daily model in a data-scarce basin by exclusively using the spatio-temporal variation of NDVI. <i>Hydrology and Earth System Sciences</i> , <b>2017</b> , 21, 6235-6251	i.5	12
237	A Weekly Indicator of Surface Moisture Status from Satellite Data for Operational Monitoring of Crop Conditions. <b>2017</b> , 17,		4
236	Actual and Reference Evapotranspiration in a Cornfield in the Zhangye Oasis, Northwestern China. Water (Switzerland), <b>2017</b> , 9, 499		9
235	A Comparative Study of Potential Evapotranspiration Estimation by Eight Methods with FAO Penman Monteith Method in Southwestern China. Water (Switzerland), 2017, 9, 734		58

234	Amazon. <b>2017</b> , 89, 1985-2002	19
233	Renewable Energies and Irrigation. <b>2017</b> , 1-14	2
232	Climate Change Impacts on Water Use in Horticulture. <b>2017</b> , 3, 27	15
231	New Approaches to Irrigation Scheduling of Vegetables. <b>2017</b> , 3, 28	21
230	Stress Coefficients for Soil Water Balance Combined with Water Stress Indicators for Irrigation Scheduling of Woody Crops. <b>2017</b> , 3, 38	20
229	Impact of rice cultivation on evapotranspiration in small seasonal wetlands of north-central Namibia. <b>2017</b> , 11, 134-140	7
228	A biophysical approach using water deficit factor for daily estimations of evapotranspiration and CO<sub>2</sub> uptake in Mediterranean environments. <b>2017</b> , 14, 3909-3926	11
227	Vegetation Growth Models Improve Surface Layer Flux Simulations of a Temperate Grassland.  Vadose Zone Journal, <b>2017</b> , 16, 1-19	6
226	Evapotranspiration Estimate over an Almond Orchard Using Landsat Satellite Observations. <i>Remote Sensing</i> , <b>2017</b> , 9, 436	26
225	Environmental controls on seasonal ecosystem evapotranspiration/potential evapotranspiration ratio as determined by the global eddy flux measurements. <i>Hydrology and Earth System Sciences</i> , 5.5 <b>2017</b> , 21, 311-322	21
224	Effect of Cloud Cover on Temporal Upscaling of Instantaneous Evapotranspiration. 2018, 23, 05018002	4
223	Estimating the water use efficiency of spring barley using crop models. <b>2018</b> , 156, 628-644	9
222	Characteristics of the water footprint of rice production under different rainfall years in Jilin Province, China. <b>2018</b> , 98, 3001-3013	14
221	Temporal variations in transpiration of Vitellaria paradoxa in West African agroforestry parklands. <b>2018</b> , 92, 1673-1686	7
220	Comparison of sum-of-hourly and daily time step standardized ASCE Penman-Monteith reference evapotranspiration. <b>2018</b> , 134, 533-543	5
219	Use of small scale electrical resistivity tomography to identify soil-root interactions during deficit irrigation. <i>Journal of Hydrology</i> , <b>2018</b> , 556, 310-324	32
218	Low and variable atmospheric coupling in irrigated Almond (Prunus dulcis) canopies indicates a limited influence of stomata on orchard evapotranspiration. <i>Agricultural Water Management</i> , <b>2018</b> , 196, 57-65	7
217	Estimating Soil Water Retention Curve by Inverse Modelling from Combination of In Situ Dynamic Soil Water Content and Soil Potential Data. <b>2018</b> , 2, 55	6

216	Assessing the Impact of Reference Evapotranspiration Models on Decision Support Systems for Irrigation. <b>2018</b> , 4, 49		7
215	Assessing the Performance of Different Irrigation Methods by Satellite Indicators in Southern Italy. <b>2018</b> ,		
214	V2Karst V1.1: a parsimonious large-scale integrated vegetationEecharge model to simulate the impact of climate and land cover change in karst regions. <b>2018</b> , 11, 4933-4964		22
213	On modeling reference crop evapotranspiration under lack of reliable data over Iran. <i>Journal of Hydrology</i> , <b>2018</b> , 566, 705-718	6	21
212	INITIAL GROWTH OF Dipteryx alata PLANTS UNDER WATER DEFICIT. Revista Arvore, 2018, 42,	1	4
211	Comparison of MODIS and SWAT evapotranspiration over a complex terrain at different spatial scales. <i>Hydrology and Earth System Sciences</i> , <b>2018</b> , 22, 2775-2794	5.5	26
<b>2</b> 10	Observation and Estimation of Evapotranspiration from an Irrigated Green Roof in a Rain-Scarce Environment. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 262	3	15
209	Exploring scale-effects on water balance components and water use efficiency of toposequence rice fields in Northern Italy. <b>2018</b> , 49, 1711-1723		3
208	Determining dew and hoar frost formation for a low mountain range and alpine grassland site by weighable lysimeter. <i>Journal of Hydrology</i> , <b>2018</b> , 563, 372-381	6	31
207	Drought evolution and its impact on the crop yield in the North China Plain. <i>Journal of Hydrology</i> , <b>2018</b> , 564, 984-996	6	74
206	Quantifying turbulent energy fluxes and evapotranspiration in agricultural field conditions: A comparison of micrometeorological methods. <i>Agricultural Water Management</i> , <b>2018</b> , 209, 249-263	5.9	11
205	Framework for Standardizing Less Data-Intensive Methods of Reference Evapotranspiration Estimation. <b>2018</b> , 32, 4159-4175		4
204	Apprehensive Drought Characteristics over Iraq: Results of a Multidecadal Spatiotemporal Assessment. <b>2018</b> , 8, 58		33
203	Assessment of Irrigated Agriculture Vulnerability under Climate Change in Southern Italy. <i>Water</i> (Switzerland), <b>2018</b> , 10, 209	3	15
202	Spatially variable evapotranspiration over salt affected pistachio orchards analyzed with satellite remote sensing estimates. <b>2018</b> , 262, 178-191		11
<b>2</b> 01	Partitioning between evaporation and transpiration from Agrostis stolonifera L. during light and dark periods. <b>2018</b> , 260-261, 73-79		4
200	An analysis of spatiotemporal patterns in Chinese agricultural productivity between 2004 and 2014. <b>2019</b> , 105, 591-600		38
199	Mapping evapotranspiration variability over a complex oasis-desert ecosystem based on automated calibration of Landsat 7 ETM+ data in SEBAL. <b>2019</b> , 56, 1305-1332		13

198	Revisiting the crop coefficient deference evapotranspiration procedure for improving irrigation management. <b>2019</b> , 138, 1785-1793		13
197	Water-Use Characteristics and Physiological Response of Moso Bamboo to Flash Droughts. <b>2019</b> , 16,		8
196	Comparison of a stand-alone surface renewal method to weighing lysimetry and eddy covariance for determining vineyard evapotranspiration and vine water stress. <i>Irrigation Science</i> , <b>2019</b> , 37, 737-749	3.1	4
195	Physiological and Biochemical Responses of Orange Trees to Different Deficit Irrigation Regimes. <i>Plants</i> , <b>2019</b> , 8,	4.5	7
194	Crop coefficients of tropical forage crops, single cropped and overseeded with black oat and ryegrass. <b>2019</b> , 76, 448-458		4
193	Impact of sum-of-hourly and daily timesteps in the computations of reference evapotranspiration across the Brazilian territory. <i>Agricultural Water Management</i> , <b>2019</b> , 226, 105785	5.9	8
192	Evapotranspiration and crop coefficient patterns of an apple orchard in a sub-humid environment. <i>Agricultural Water Management</i> , <b>2019</b> , 226, 105756	5.9	15
191	Recovering Evapotranspiration Trends from Biased CMIP5 Simulations and Sensitivity to Changing Climate over North America. <b>2019</b> , 20, 1619-1633		6
190	Computing FAO56 reference grass evapotranspiration PM-ETo from temperature with focus on solar radiation. <i>Agricultural Water Management</i> , <b>2019</b> , 215, 86-102	5.9	21
189	High-resolution peat volume change in a northern peatland: Spatial variability, main drivers, and impact on ecohydrology. <b>2019</b> , 12, e2114		10
188	Exploring VIS/NIR reflectance indices for the estimation of water status in highbush blueberry plants grown under full and deficit irrigation. <b>2019</b> , 256, 108557		6
187	A New Method to Estimate Reference Crop Evapotranspiration from Geostationary Satellite Imagery: Practical Considerations. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 382	3	11
186	Evaluation of uncalibrated energy balance model (BAITSSS) for estimating evapotranspiration in a semiarid, advective climate. <b>2019</b> , 33, 2110-2130		8
185	Construction of a large-scale semi-field facility to study genotypic differences in deep root growth and resources acquisition. <b>2019</b> , 15, 26		19
184	Quantification and Prediction of Nighttime Evapotranspiration for Two Distinct Grassland Ecosystems. <b>2019</b> , 55, 2961-2975		20
183	Energy partitioning of greenhouse cucumber based on the application of Penman-Monteith and Bulk Transfer models. <i>Agricultural Water Management</i> , <b>2019</b> , 217, 201-211	5.9	15
182	Effect of the timing of water deficit on the must amino acid profile of Tempranillo grapes grown under the semiarid conditions of SW Spain. <b>2019</b> , 292, 24-31		9
181	Earth Observations-Based Evapotranspiration in Northeastern Thailand. <i>Remote Sensing</i> , <b>2019</b> , 11, 138	5	7

180	Relative soil moisture in China farmland. <b>2019</b> , 29, 334-350		5
179	A new global database of meteorological drought events from 1951 to 2016. <b>2019</b> , 22, 100593		98
178	Application of ET-NDVI-relationship approach and soil-water-balance modelling for the monitoring of irrigation performance of treed horticulture crops in a key fruit-growing district of Australia. <b>2019</b> , 40, 4724-4742		4
177	Empowering Agroecosystem Modeling with HTC Scientific Workflows: The Cycles Model Use Case. <b>2019</b> ,		
176	Maize Evapotranspiration Estimation Using Penman-Monteith Equation and Modeling the Bulk Canopy Resistance. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2650	3	0
175	Evaporation. <b>2019</b> , 189-227		
174	Impact of Air Temperature and Relative Humidity Measured over Rice and Grass Canopies on Penman-Monteith Reference Evapotranspiration Estimates. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2019</b> , 145, 06018008	1.1	2
173	Diagnosis of Change in Structural Characteristics of Streamflow Series Based on Selection of Complexity Measurement Methods: Fenhe River Basin, China. <b>2019</b> , 24, 05018028		4
172	Evaluation of Temperature-Based Methods for the Estimation of Reference Evapotranspiration in the Yucath Peninsula, Mexico. <b>2019</b> , 24, 05018029		19
171	Crop RS-Met: A biophysical evapotranspiration and root-zone soil water content model for crops based on proximal sensing and meteorological data. <i>Agricultural Water Management</i> , <b>2019</b> , 211, 210-219	5.9	11
170	Discrepancy in tree transpiration of Salix matsudana, Populus simonii under distinct soil, topography conditions in an ecological rehabilitation area on the Northern Loess Plateau. <b>2019</b> , 432, 675-685		4
169	Water Balance Modeling of Temporary Ponding in a Drained Prairie Pothole Wetland. <b>2019</b> , 24, 37-48		5
168	Recommendations for gap-filling eddy covariance latent heat flux measurements using marginal distribution sampling. <b>2020</b> , 139, 677-688		6
167	Cross-sectoral implications of the implementation of irrigation water use efficiency policies in Spain: A nexus footprint approach. <b>2020</b> , 109, 105795		8
166	Multiseasonal grapevine water consumption Drivers and forecasting. 2020, 280, 107796		14
165	Future Global Meteorological Drought Hot Spots: A Study Based on CORDEX Data. <b>2020</b> , 33, 3635-3661		113
164	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> , <b>2020</b> , 241, 106357	5.9	36
163	Integrating the InVEST and SDSM Model for Estimating Water Provision Services in Response to Future Climate Change in Monsoon Basins of South China. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 3199	3	3

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162	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> , <b>2020</b> , 241, 106197	5.9	25
161	New technologies and practical approaches to improve irrigation management of open field vegetable crops. <i>Agricultural Water Management</i> , <b>2020</b> , 242, 106404	5.9	18
160	A satellite-based ex post analysis of water management in a blueberry orchard. <b>2020</b> , 176, 105635		2
159	Evaluation of seasonal evapotranspiration of winter wheat in humid region of East China using large-weighted lysimeter and three models. <i>Journal of Hydrology</i> , <b>2020</b> , 590, 125388	6	8
158	Using Remote Sensing Data-Based Hydrological Model Calibrations for Predicting Runoff in Ungauged or Poorly Gauged Catchments. <b>2020</b> , 56, e2020WR028205		21
157	Modeling rice evapotranspiration under water-saving irrigation condition: Improved canopy-resistance-based. <i>Journal of Hydrology</i> , <b>2020</b> , 590, 125435	6	8
156	Evaluation of Estimation Methods for Monthly Reference Evapotranspiration in Arid Climates. <b>2020</b> , 10, 329-336		2
155	Assessing the physical and empirical reference evapotranspiration (ETo) models and time series analyses of the influencing weather variables on ETo in a semi-arid area. <b>2020</b> , 276, 111278		3
154	Impacts of Climatic and Agricultural Input Factors on the Water Footprint of Crop Production in Jilin Province, China. <i>Sustainability</i> , <b>2020</b> , 12, 6904	3.6	1
153	Crop growth and soil water fluxes at erosion-affected arable sites: Using weighing lysimeter data for model intercomparison. <i>Vadose Zone Journal</i> , <b>2020</b> , 19, e20058	2.7	7
152	Determination of Actual Evapotranspiration and Crop Coefficients of California Date Palms Using the Residual of Energy Balance Approach. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2253	3	11
151	Preliminary Investigation on Crop Growth, Physiology, and Yield of Rice under Partial Root-Zone Irrigation. <b>2020</b> , 2020, 1-11		
150	Estimation of Aerodynamic and Canopy Resistances in a Mediterranean Greenhouse Based on Instantaneous Leaf Temperature Measurements. <i>Agronomy</i> , <b>2020</b> , 10, 1985	3.6	5
149	Terroir Effect on the Phenolic Composition and Chromatic Characteristics of Mencā/Jaen Monovarietal Wines: Bierzo D.O. (Spain) and DB D.O. (Portugal). <b>2020</b> , 25,		3
148	Impact of Climate Change in the Banat Plain, Western Romania, on the Accessibility of Water for Crop Production in Agriculture. <b>2020</b> , 10, 437		1
147	Evaluation of 32 Simple Equations against the Penman Monteith Method to Estimate the Reference Evapotranspiration in the Hexi Corridor, Northwest China. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 27	723	9
146	Mitigating negative effects of long-term treated wastewater application via soil and irrigation manipulations: Sap flow and water relations of avocado trees (Persea americana Mill.). <i>Agricultural Water Management</i> , <b>2020</b> , 237, 106178	5.9	7
145	Comparison of Orange Orchard Evapotranspiration by Eddy Covariance, Sap Flow, and FAO-56 Methods under Different Irrigation Strategies. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2020</b> , 146, 05020002	1.1	10

144	Modelling reference evapotranspiration by combining neuro-fuzzy and evolutionary strategies. <b>2020</b> , 68, 1113-1126		38
143	Evaluating of eight evapotranspiration estimation methods in arid regions of Iran. <i>Agricultural Water Management</i> , <b>2020</b> , 239, 106243	5.9	9
142	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> , <b>2020</b> , 240, 106210	5.9	26
141	Measurement of Fluxes Over Land: Capabilities, Origins, and Remaining Challenges. <b>2020</b> , 177, 365-394		7
140	Comparison of Three Computational Approaches for Tree Crop Irrigation Decision Support. <b>2020</b> , 8, 717		3
139	Estimating Growing Season Evapotranspiration and Transpiration of Major Crops over a Large Irrigation District from HJ-1A/1B Data Using a Remote Sensing-Based Dual Source Evapotranspiration Model. <i>Remote Sensing</i> , <b>2020</b> , 12, 865	5	3
138	New approach to estimate daily reference evapotranspiration based on hourly temperature and relative humidity using machine learning and deep learning. <i>Agricultural Water Management</i> , <b>2020</b> , 234, 106113	5.9	47
137	Hydrogeology and Landform Morphology Affect Plant Communities in a Great Lakes Ridge-and-Swale Wetland Complex. <b>2020</b> , 40, 2209-2224		3
136	Analysis of alternative climate datasets and evapotranspiration methods for the Upper Mississippi River Basin using SWAT within HAWQS. <b>2020</b> , 720, 137562		18
135	Sugar Beet Agronomic Performance Evolution in NW Spain in Future Scenarios of Climate Change. <i>Agronomy</i> , <b>2020</b> , 10, 91	3.6	3
134	Uncertainty assessment of potential evapotranspiration in arid areas, as estimated by the Penman-Monteith method. <b>2020</b> , 12, 166-180		4
133	Drought trend, frequency and extremity across a wide range of climates over Iran. <b>2020</b> , 27, e1899		19
132	How significant is the effect of the surface characteristics on the Reference Evapotranspiration estimates?. <i>Agricultural Water Management</i> , <b>2020</b> , 237, 106181	5.9	6
131	Responses of soil water storage and crop water use efficiency to changing climatic conditions: a lysimeter-based space-for-time approach. <i>Hydrology and Earth System Sciences</i> , <b>2020</b> , 24, 1211-1225	5.5	12
130	Modeling of reference evapotranspiration for temperate Kashmir Valley using linear regression. <b>2021</b> , 7, 495-502		2
129	A baseline estimate of regional agricultural water demand from GEO-LEO satellite observations. <b>2021</b> , 1-25		1
128	Conditioning point and gridded weather data under aridity conditions for calculation of reference evapotranspiration. <i>Agricultural Water Management</i> , <b>2021</b> , 245, 106531	5.9	4
127	Calibration and validation of APSIMMaize, DSSAT CERESMaize and AquaCrop models for Ethiopian tropical environments. <b>2021</b> , 38, 36-51		2

126	A Simple Procedure to Estimate Reference Evapotranspiration during the Irrigation Season in a Hot-Summer Mediterranean Climate. <i>Sustainability</i> , <b>2021</b> , 13, 349	3.6	4
125	Prediction of Combined Terrestrial Evapotranspiration Index (CTEI) over Large River Basin Based on Machine Learning Approaches. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 547	3	28
124	Estimation of Reference Evapotranspiration during the Irrigation Season Using Nine Temperature-Based Methods in a Hot-Summer Mediterranean Climate. <b>2021</b> , 11, 124		5
123	Hydrothermal modulation of NDVI in the high-altitude semiarid Andes of Chile (30B4°S). <b>2021</b> , 186, 104397		O
122	Performance evaluation of NCEP/NCAR reanalysis blended with observation-based datasets for estimating reference evapotranspiration across Iran. <b>2021</b> , 144, 885-903		3
121	Optimizing Irrigation Water Use Efficiency for Tomato and Maize Fields across Italy Combining Remote Sensing Data and the AquaCrop Model. <i>Hydrology</i> , <b>2021</b> , 8, 39	2.8	3
120	In-Season Interactions between Vine Vigor, Water Status and Wine Quality in Terrain-Based Management-Zones in a Cabernet Sauvignon Vineyard. <i>Remote Sensing</i> , <b>2021</b> , 13, 1636	5	6
119	No-tillage with mulching improves maize yield in dryland farming through regulating soil temperature, water and nitrate-N. <b>2021</b> , 309, 107288		16
118	Implementing a new texture-based soil evaporation reduction coefficient in the FAO dual crop coefficient method. <i>Agricultural Water Management</i> , <b>2021</b> , 250, 106827	5.9	3
117	Forecasting evapotranspiration equation based on Hargreaves Evapotranspiration Method for Semangat Village, Merdeka Sub-district, Karo Regency, North Sumatera Province, Indonesia. <b>2021</b> , 782, 022072		
116	Estimating Surface and Groundwater Irrigation Potential under Different Conservation Agricultural Practices and Irrigation Systems in the Ethiopian Highlands. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1645	3	3
115	Calibration of empirical equations for estimating reference evapotranspiration in different climates of Iran. <b>2021</b> , 145, 925-939		1
114	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> , <b>2021</b> , 252, 106663	5.9	5
113	Global exposure of population and land-use to meteorological droughts under different warming levels and SSPs: A CORDEX-based study. <b>2021</b> ,		6
112	Role of Short-Term Weather Forecast Horizon in Irrigation Scheduling and Crop Water Productivity of Rice. <b>2021</b> , 147, 05021009		3
111	Estimating land use/land cover change impacts on vegetation response to drought under ${f G}$ rain for Green ${f I}$ n the Loess Plateau.		3
110	Optimization, Modeling and Implementation of Plant Water Consumption Control Using Genetic Algorithm and Artificial Neural Network in a Hybrid Structure. 1		3
109	Estimation of actual evapotranspiration and its components in an irrigated area by integrating the Shuttleworth-Wallace and surface temperature-vegetation index schemes using the particle swarm optimization algorithm. <b>2021</b> , 307, 108488		14

108	A modelling platform for climate change impact on local and regional crop water requirements. Agricultural Water Management, <b>2021</b> , 255, 107005	5.9	9
107	Multiple sources of uncertainties in satellite retrieval of terrestrial actual evapotranspiration. <i>Journal of Hydrology</i> , <b>2021</b> , 601, 126642	6	4
106	Research on Irrigation Decision Making of Cotton. <b>2021</b> , 11, 341-346		
105	Quantifying actual evapotranspiration in fen ecosystems: Implications of management and vegetation structure. <b>2020</b> , 20, 382-396		4
104	Soybean yield in relation to environmental and soil properties. <b>2020</b> , 118, 126070		6
103	Analyses of Spring Barley Evapotranspiration Rates Based on Gradient Measurements and Dual Crop Coefficient Model. <b>2014</b> , 62, 1079-1086		3
102	Temporal Upscaling of Rice Evapotranspiration Based on Canopy Resistance in a Water-Saving Irrigated Rice Field. <b>2020</b> , 21, 1639-1654		1
101	Application of Artificial Neural Network Approach for Estimating Reference Evapotranspir. <b>2016</b> , 11, 637-647		1
100	An assessment of the water requirements of a mountain pasture sward in the Polish Western Carpathians. <b>2011</b> , 15, 193-208		3
99	The Calibration of Evaporation Models against the Penman Monteith Equation on Lake Most. <i>Sustainability</i> , <b>2021</b> , 13, 313	3.6	5
98	Change in crop evapotranspiration and associated influencing factors under screenhouse conditions. <b>2009</b> , 17, 484-488		1
97	A Fuzzy-GAs for Calculating Grass Reference Evapotranspiration. <b>2011</b> , 11, 2599-2605		1
96	Rainfall Distribution Functions for Irrigation Scheduling: Calculation Procedures Following Site of Olive (<i>Olea europaea</i> L.) Cultivation and Growing Periods. <b>2014</b> , 05, 2094-2133		3
95	Spectral Crop Coefficient Approach for Estimating Daily Crop Water Use. <i>Advances in Remote Sensing</i> , <b>2014</b> , 03, 197-207	0.5	9
94	The integrated water balance and soil data set of the Rollesbroich hydrological observatory. <i>Earth System Science Data</i> , <b>2016</b> , 8, 517-529	10.5	16
93	Evaluation of Penman-Monteith model applied to a maize field in the arid area of northwest China. <i>Hydrology and Earth System Sciences</i> , <b>2010</b> , 14, 1353-1364	5.5	19
92	Measurement and modelling of evaporation from a coastal wetland in Maputaland, South Africa. <i>Hydrology and Earth System Sciences</i> , <b>2012</b> , 16, 3233-3247	5.5	15
91	Distributed hydrologic modeling of a sparsely monitored basin in Sardinia, Italy, through hydrometeorological downscaling. <i>Hydrology and Earth System Sciences</i> , <b>2013</b> , 17, 4143-4158	5.5	12

90	Distributed hydrologic modeling of a sparsely-monitored basin in Sardinia, Italy, through hydrometeorological downscaling.		1
89	Extending periodic eddy covariance latent heat fluxes through tree sapflow measurements to estimate long-term total evaporation in a peat swamp forest.		1
88	Divergence of reference evapotranspiration observations with windy tropical conditions.		3
87	A Bayesian approach to estimate sensible and latent heat over vegetation.		2
86	Evaluation of Penman-Monteith model applied to a maize field in the arid area of Northwest China.		3
85	Calculation of reference evapotranspiration surfaces in distributed hydrological modelling at different temporal scales.		3
84	Measurement and modelling of evaporation from a coastal wetland in Maputaland, South Africa.		3
83	Dual Crop Coefficient Approach in Vitis vinifera L. cv. Loureiro. <i>Agronomy</i> , <b>2021</b> , 11, 2062	3.6	2
82	Estimation of Daily Reference Evapotranspiration from NASA POWER Reanalysis Products in a Hot Summer Mediterranean Climate. <i>Agronomy</i> , <b>2021</b> , 11, 2077	3.6	2
81	Simulation of the soil water balance of wheat using daily weather forecast messages to estimate the reference evapotranspiration.		
80	Reference crop evapotranspiration estimate using high-resolution meteorological network's data. <i>Advances in Science and Research</i> , <b>2009</b> , 3, 113-118		
79	A comparison of ASCAT and modelled soil moisture over South Africa, using TOPKAPI in land surface mode.		1
78	Field Quantification. <b>2010</b> , 929-938		1
77	Contrasting roles of interception and transpiration in the hydrological cycle IPart 1: Simple Terrestrial Evaporation to Atmosphere Model.		2
76	ANIISE DE CRESCIMENTO, INCIDIICIA DE Rhizoctonia sp. E EFEITO ANTIXENOSE PARA A FORMIGA-CORTADEIRA Atta sexdens rubropilosa F. EM CLONES DE Eucalyptus grandis x Eucalyptus urophylla TRATADOS COM GIBERELINA1. <i>Revista Arvore</i> , <b>2015</b> , 39, 915-922	1	1
75	Antalya koŪllarāda kỹas bitki su tRetiminin alansal ve zamansal dalānāā belirlenmesi.		1
74	Assessment of Spatial and Temporal Variation of Potential Evapotranspiration Estimated by Four Methods for South Carolina. <i>The Journal of South Carolina Water Resources</i> , <b>2018</b> , 3-24	0.6	3
73	Determination of optimum irrigation scheduling for hot pepper in moisture stress areas of Northeast Ethiopia. <b>2019</b> , 519-533		

72	Izralın vodne bilance tehtalnega lizimetra za oceno napajanja vodonosnika. <i>Acta Agriculturae Slovenica</i> , <b>2019</b> , 114, 259	1.3	
71	Erzurum °stasyonunun StandartlallitmB/aEvapotranspirasyon °ndeksi Ve BEfileIk Kuraklk °ndeksi Kullantarak Kuraklk Analizi. <i>Journal of Polytechnic</i> ,	O	1
70	Spatio-temporal characteristics of adaptability between crop water requirements for summer maize and rainfall in Henan Province, China. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 37	741 <sup>59-</sup> 37	7431
69	A Simple Application for Computing Reference Evapotranspiration with Various Levels of Data Availability ETo Tool. <i>Agronomy</i> , <b>2021</b> , 11, 2203	3.6	2
68	Estimating grapevine transpiration in greenhouse with three different methods in a Penman Monteith model in Northeast China. <i>Irrigation Science</i> , 1	3.1	O
67	A Semi-Theoretical Model for Water Condensation: Dew Used in Conservation of Earthen Heritage Sites. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 52	3	1
66	Evaluation of Forecast Reference Evapotranspiration for Different Microclimate Regions in California to Enable Prospective Irrigation Scheduling. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , <b>2022</b> , 148,	1.1	1
65	Validation of an adapted soil-plant model to study the water and nitrogen flows of Colombian greenhouse tomato systems. <i>Acta Horticulturae</i> , <b>2020</b> , 441-448	0.3	
64	Semi-field root phenotyping: Root traits for deep nitrate uptake. Plant, Cell and Environment, 2021,	8.4	O
63	Reference crop evapotranspiration for data-sparse regions using reanalysis products. <i>Agricultural Water Management</i> , <b>2021</b> , 107319	5.9	1
62	Response of water fluxes and biomass production to climate change in permanent grassland soil ecosystems. <i>Hydrology and Earth System Sciences</i> , <b>2021</b> , 25, 6087-6106	5.5	1
61	Evapotranspiration Measurements and Calculations. Springer Handbooks, 2021, 1545-1581	1.3	1
60	Comparing the deep root growth and water uptake of intermediate wheatgrass (Kernzall) to alfalfa. <i>Plant and Soil</i> , <b>2022</b> , 472, 369	4.2	1
59	A Hydrometeorological Study of Groundwater Level Changes during the COVID-19 Lockdown Year (Salento Peninsula, Italy). <i>Sustainability</i> , <b>2022</b> , 14, 1710	3.6	2
58	The effect of soil type, fruit load and shaded area on HassDavocado (Persea americana Mill.) water use and crop coefficients. <i>Agricultural Water Management</i> , <b>2022</b> , 264, 107519	5.9	
57	Incorporation of Net Radiation Model Considering Complex Terrain in Evapotranspiration Determination with Sentinel-2 Data. <i>Remote Sensing</i> , <b>2022</b> , 14, 1191	5	1
56	Impact of advection on two-source energy balance (TSEB) canopy transpiration parameterization for vineyards in the California Central Valley. <i>Irrigation Science</i> , 1	3.1	3
55	An update on the theory and application of surface renewal for estimating ET. <i>Acta Horticulturae</i> , <b>2022</b> , 63-78	0.3	

54	Evaluation of the DRAINMOD Model Performance Using Different Time Steps in Evapotranspiration Computations. <i>Hydrology</i> , <b>2022</b> , 9, 40	2.8	2
53	An Integrated Approach to Assess the Water Efficiency of Introducing Best Management Practices: An Application to Sugarcane Mechanisation in Brazil. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1072	3	
52	Water uptake dynamics in apple trees assessed by an isotope labeling approach. <i>Agricultural Water Management</i> , <b>2022</b> , 266, 107572	5.9	1
51	Modelling and optimizing tree planning for urban climate in a subtropical high-density city. <i>Urban Climate</i> , <b>2022</b> , 43, 101141	6.8	O
50	Comparison of Fourteen Reference Evapotranspiration Models With Lysimeter Measurements at a Site in the Humid Alpine Meadow, Northeastern Qinghai-Tibetan Plateau <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 854196	6.2	O
49	Dew/hoar frost on the canopies and underlying surfaces of two typical desert shrubs in Northwest China and their relevance to drought. <i>Journal of Hydrology</i> , <b>2022</b> , 609, 127880	6	1
48	Same soil, different climate: Crop model intercomparison on translocated lysimeters. <i>Vadose Zone Journal</i> ,	2.7	1
47	Improving the Phenolic Content of Tempranillo Grapes by Sustainable Strategies in the Vineyard. <i>Plants</i> , <b>2022</b> , 11, 1393	4.5	О
46	Daily gridded evapotranspiration data for Finland for 1981 <b>2</b> 020. <b>2022</b> , 4,		
45	A Drought Index: The Standardized Precipitation Evapotranspiration Irrigation Index. <i>Water</i> (Switzerland), <b>2022</b> , 14, 2133	3	
45		0.9	
	(Switzerland), 2022, 14, 2133  Consumptive water use of banana under micro irrigation using a soil-water balance approximation.		
44	(Switzerland), 2022, 14, 2133  Consumptive water use of banana under micro irrigation using a soil-water balance approximation. Revista Brasileira De Engenharia Agricola E Ambiental, 2022, 26, 594-601		2
44	(Switzerland), 2022, 14, 2133  Consumptive water use of banana under micro irrigation using a soil-water balance approximation. Revista Brasileira De Engenharia Agricola E Ambiental, 2022, 26, 594-601  Impact of Air Pollution on Maize and Wheat Production. 2022, 29, 237-256  Investigation of Irrigation Water Requirements for Major Crops Using CROPWAT Model Based on		2
44 43 42	Consumptive water use of banana under micro irrigation using a soil-water balance approximation. Revista Brasileira De Engenharia Agricola E Ambiental, 2022, 26, 594-601  Impact of Air Pollution on Maize and Wheat Production. 2022, 29, 237-256  Investigation of Irrigation Water Requirements for Major Crops Using CROPWAT Model Based on Climate Data. 2022, 14, 2578		
44 43 42 41	Consumptive water use of banana under micro irrigation using a soil-water balance approximation. Revista Brasileira De Engenharia Agricola E Ambiental, 2022, 26, 594-601  Impact of Air Pollution on Maize and Wheat Production. 2022, 29, 237-256  Investigation of Irrigation Water Requirements for Major Crops Using CROPWAT Model Based on Climate Data. 2022, 14, 2578  Estimating reference evapotranspiration for water-limited windy areas under data scarcity.		1
44 43 42 41 40	Consumptive water use of banana under micro irrigation using a soil-water balance approximation. Revista Brasileira De Engenharia Agricola E Ambiental, 2022, 26, 594-601  Impact of Air Pollution on Maize and Wheat Production. 2022, 29, 237-256  Investigation of Irrigation Water Requirements for Major Crops Using CROPWAT Model Based on Climate Data. 2022, 14, 2578  Estimating reference evapotranspiration for water-limited windy areas under data scarcity.  Response of vegetation to drought and yield monitoring based on NDVI and SIF. 2022, 219, 106328  Estimation of Daily Average Global Solar Radiation with Nonlinear Regression Models Developed		1

36	Ecohydrological Variation and Multi-Objective Ecological Water Demand of the Irtysh River Basin. <b>2022</b> , 14, 2876	0
35	Global land surface evapotranspiration monitoring by ETMonitor model driven by multi-source satellite earth observations. <b>2022</b> , 613, 128444	1
34	Aridity and desertification in the Mediterranean under EURO-CORDEX future climate change scenarios. <b>2022</b> , 174,	1
33	Spatial Pattern of Water Footprints for Crop Production in Northeast China. <b>2022</b> , 14, 13649	O
32	Construction of root tip density function and root water uptake characteristics in alpine meadows. 13,	O
31	Drought index revisited to assess its response to vegetation in different agro-climatic zones. <b>2022</b> , 614, 128543	2
30	Evapotranspiration Void Space Accounting Method. 2023, 149,	0
29	A novel method for simulating the dynamics of the single and dual maize crop coefficients in an arid ecosystem. <b>2023</b> , 142, 126688	O
28	Adapting the Priestly-Taylor Index as a Physiological Stress Indicator in Vineyard Agrosystems.	О
27	Estimation of Actual Evapotranspiration and Crop Coefficient of Transplanted Puddled Rice Using a Modified Non-Weighing Paddy Lysimeter. <b>2022</b> , 12, 2850	O
26	Monitoring and Integrating the Changes in Vegetated Areas with the Rate of Groundwater Use in Arid Regions. <b>2022</b> , 14, 5767	0
25	Investigating the Accuracies in Short-Term Weather Forecasts and Its Impact on Irrigation Practices. <b>2023</b> , 149,	O
24	Apple tree transpiration estimated using the Penman-Monteith model integrated with optimized jarvis model. <b>2023</b> , 276, 108061	0
23	Effect of deficit irrigation and soil fertility management on wheat production and water productivity in the Upper Blue Nile Basin, Ethiopia. <b>2023</b> , 277, 108077	O
22	Droughts in Germany: performance of regional climate models in reproducing observed characteristics. <b>2022</b> , 22, 3875-3895	0
21	Effects of microforms on the evaporation of peat-bryophyte-litter column in a montane peatland in Canadian Rocky Mountain.	O
20	Effects of dry spells on soil moisture and yield anomalies at a montane managed grassland site: A lysimeter climate experiment.	0
19	Evaluation of Partitioned Evaporation and Transpiration Estimates within the DisALEXI Modeling Framework over Irrigated Crops in California. <b>2023</b> , 15, 68	1

18	Radiation Balance and Partitioning of Latent and Sensible Heat Fluxes Over a Lime Orchard in Eastern Amazon.	1
17	Simulation of Water Balance Components Using SWAT Model at Sub Catchment Level. <b>2023</b> , 15, 1438	2
16	Evapotranspiration and groundwater exchange for border and drip irrigated maize field in arid area with shallow groundwater. <b>2023</b> , 82,	O
15	Drought and Waterlogging Status and Dominant Meteorological Factors Affecting Maize (Zea mays L.) in Different Growth and Development Stages in Northeast China. <b>2023</b> , 13, 374	O
14	Study on Barriers of Water Salt Transfers in Earthen Sites by Plastic-Coated Sand. 2023, 14, 236	0
13	Spatial Analysis of Crop Water Demand in Asia Region. <b>2022</b> ,	O
12	Impact of Water Meadow Restoration on Forage Hay Production in Different Hydro-Meteorological Conditions: A Case Study of Racot, Central Poland. <b>2023</b> , 15, 2959	0
11	Comparison of machine learning techniques and spatial distribution of daily reference evapotranspiration in TEkiye. <b>2023</b> , 13,	O
10	Development of DNDC-BC model to estimate greenhouse gas emissions from rice paddy fields under combination of biochar and controlled irrigation management. <b>2023</b> , 433, 116450	0
9	Calibration and Modification of the HargreavesBamani Equation for Estimating Daily Reference Evapotranspiration in Iraq. <b>2023</b> , 28,	O
8	Performance of machine learning algorithms for multi-step ahead prediction of reference evapotranspiration across various agro-climatic zones and cropping seasons. <b>2023</b> , 620, 129418	0
7	Estimation of irrigation water requirement and irrigation scheduling for major crops using the CROPWAT model and climatic data. <b>2023</b> , 18, 685-700	O
6	Evapotranspiration and Water Productivity of Microirrigated Wine Grape Vineyards Grown with Different Trellis Systems in the Central Valley of Chile. <b>2023</b> , 149,	0
5	The Role of Crop Management Practices and Adaptation Options to Minimize the Impact of Climate Change on Maize (Zea mays L.) Production for Ethiopia. <b>2023</b> , 14, 497	0
4	Evaluation of Different Methods of Calculating the Potential Evapotranspiration at the Annual Timescale in the Northeast of Iran. <b>2020</b> , 11, 199-209	O
3	Fatty Acids and Minerals as Markers Useful to Classify Hass Avocado Quality: Ripening Patterns, Internal Disorders, and Sensory Quality. <b>2023</b> , 9, 460	0
2	Selection of alternate reference evapotranspiration models based on multi-criteria decision ranking for semiarid climate.	О
1	Gas exchange and post-harvest quality of Kent[mango subjected to controlled water deficit in semi-arid region. <b>2023</b> , 36, 158-166	Ο