Shahrokh Zand-Parsa

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54 papers	707 citations	16 h-index	25 g-index
56 ext. papers	824 ext. citations	3.1 avg, IF	4.42 L-index

#	Paper	IF	Citations
54	Enhancing Vegetation Indices from Sentinel-2 Using Multispectral UAV Data, Google Earth Engine and Machine Learning. *Studies in Computational Intelligence*, **2022**, 507-523	0.8	0
53	Influences of natural salinity sources and human actions on the Shapour River salinity during the recent streamflow reduction period. *Environmental Monitoring and Assessment*, **2021**, 193, 696	3.1	0
52	Assessing Crop Water Stress Index of Citrus Using In-Situ Measurements, Landsat, and Sentinel-2 Data. *International Journal of Remote Sensing*, **2021**, 42, 1893-1916	3.1	14
51	Physiological responses of orange trees subject to regulated deficit irrigation and partial root drying. *Irrigation Science*, **2021**, 39, 441-455	3.1	4
50	Optimization of applied irrigation water and nitrogen fertilizer for barley in a semi-arid region: a case study in Iran. *Irrigation and Drainage*, **2020**, 69, 559-571	1.1	1
49	Supplemental irrigation management of rainfed grapevines under drought conditions using the CropSyst model. *Spanish Journal of Agricultural Research*, **2020**, 18, e1203	1.1	
48	Predicting the seedling emergence time of sugar beet () using beta models. *Physiology and Molecular Biology of Plants*, **2020**, 26, 2329-2338	2.8	2
47	Evapotranspiration, crop coefficients, and physiological responses of citrus trees in semi-arid climatic conditions. *Agricultural Water Management*, **2020**, 227, 105838	5.9	25
46	Evaluation of Evapotranspiration over a Semiarid Region Using Multiresolution Data Sources. *Journal of Hydrometeorology*, **2019**, 20, 947-964	3.7	34
45	Application of A Simple Landsat-MODIS Fusion Model to Estimate Evapotranspiration over A Heterogeneous Sparse Vegetation Region. *Remote Sensing*, **2019**, 11, 741	5	30
44	Evaluation of Yield, Actual Crop Evapotranspiration and Water Productivity of Two Canola Cultivars as Influenced by Transplanting and Seeding and Deficit Irrigation. *International Journal of Plant Production*, **2019**, 13, 23-33	2.4	6
43	Analysis of long-term trends in air and soil temperature in a semi-arid region in Iran. *Environmental Earth Sciences*, **2018**, 77, 1	2.9	0
42	Enhancing estimation accuracy of daily maximum, minimum, and mean air temperature using spatio-temporal ground-based and remote-sensing data in southern Iran. *International Journal of Remote Sensing*, **2018**, 39, 6316-6339	3.1	5
41	Estimation of instantaneous air temperature using remote sensing data. *International Journal of Remote Sensing*, **2018**, 39, 258-275	3.1	13
40	Environmental and economic appraisal of agricultural water desalination use in South Iran: a comparative study of tomato production. *Journal of Applied Water Engineering and Research*, **2017**, 5, 91-102	1.2	8
39	Estimation of daily global solar irradiation under different sky conditions in central and southern Iran. *Theoretical and Applied Climatology*, **2017**, 127, 587-596	3	8
38	Development of a Simulation Model for Estimation of Potential Recharge in a Semi-arid Foothill Region. *Water Resources Management*, **2017**, 31, 1535-1556	3.7	1

37	Groundwater potential recharge estimation in bare soil using three soil moisture accounting models: field evaluation for a semi-arid foothill region. *Arabian Journal of Geosciences*, **2017**, 10, 1	1.8	1
36	Estimation of daily minimum land surface air temperature using MODIS data in southern Iran. *Theoretical and Applied Climatology*, **2017**, 130, 1149-1161	3	15
35	Evaluation of groundwater potential recharge models considering estimated bare soil evaporation, in a semi-arid foothill region. *Hydrological Sciences Journal*, **2016**, 61, 162-172	3.5	4
34	Assessment of seasonal characteristics of streamflow droughts under semiarid conditions. *Natural Hazards*, **2016**, 82, 1541-1564	3	9
33	Physiological and yield responses of rainfed grapevine under different supplemental irrigation regimes in Fars province, Iran. *Scientia Horticulturae*, **2016**, 202, 133-141	4.1	6
32	Coupling and testing a new soil water module in DSSAT CERES-Maize model for maize production under semi-arid condition. *Agricultural Water Management*, **2016**, 163, 90-99	5.9	26
31	Estimation of Sugar Beet Yield and its Dry Matter Partitioning Under Different Irrigation and Nitrogen Levels. *Modern Applied Science*, **2016**, 11, 143	1.3	
30	Barley Grain Yield and Protein Content Response to Deficit Irrigation and Sowing Dates in Semi-Arid Region. *Modern Applied Science*, **2016**, 10, 193	1.3	1
29	Extinction coefficients and radiation use efficiency of barley under different irrigation regimes and sowing dates. *Agricultural Water Management*, **2016**, 178, 126-136	5.9	6
28	Modification of maize simulation model for predicting growth and yield of winter wheat under different applied water and nitrogen. *Agricultural Water Management*, **2015**, 150, 18-34	5.9	8
27	Nitrogen and water use efficiencies and yield response of barley cultivars under different irrigation and nitrogen regimes in a semi-arid Mediterranean climate. *Archives of Agronomy and Soil Science*, **2015**, 61, 15-32	2	16
26	Evapotranspiration model selection for estimation of actual evaporation from bare soil, as required in annual potential groundwater recharge studies of a semi-arid foothill region. *Archives of Agronomy and Soil Science*, **2015**, 61, 1455-1472	2	2
25	Estimation of yield and dry matter of winter wheat using logistic model under different irrigation water regimes and nitrogen application rates. *Archives of Agronomy and Soil Science*, **2014**, 60, 1661-1676	2	6
24	Developing a dynamic yield and growth model for maize under various water and nitrogen regimes. *Archives of Agronomy and Soil Science*, **2014**, 60, 1173-1191	2	2
23	Adjustment of radiation use efficiency of winter wheat by air temperature at different irrigation regimes and nitrogen rates. *Archives of Agronomy and Soil Science*, **2014**, 60, 49-66	2	5
22	In-depth investigation of precipitation-based climate change and cyclic variation in different climatic zones. *Theoretical and Applied Climatology*, **2014**, 116, 565-583	3	6
21	Investigation of spatio-temporal patterns of seasonal streamflow droughts in a semi-arid region. *Natural Hazards*, **2013**, 69, 1697-1720	3	18
20	Simulation of evaporation, coupled liquid water, water vapor and heat transport through the soil medium. *Agricultural Water Management*, **2013**, 130, 168-177	5.9	25

19	Hourly air temperature driven using multi-layer perceptron and radial basis function networks in arid and semi-arid regions. *Theoretical and Applied Climatology*, **2012**, 109, 519-528	3	26
18	Preparation of frost atlas using different interpolation methods in a semiarid region of south of Iran. *Theoretical and Applied Climatology*, **2012**, 108, 159-171	3	8
17	Logistic model application for prediction of maize yield under water and nitrogen management. *Agricultural Water Management*, **2011**, 99, 51-57	5.9	35
16	Comparability Analyses of the SPI and RDI Meteorological Drought Indices in Different Climatic Zones. *Water Resources Management*, **2011**, 25, 1737-1757	3.7	97
15	Determination of the potential evapotranspiration and crop coefficient for saffron using a water-balance lysimeter. *Archives of Agronomy and Soil Science*, **2011**, 57, 727-740	2	25
14	Modification of Angstrom Model for Estimation of Global Solar Radiation in an Intermountain Region of Southern Iran. *Energy and Environment*, **2011**, 22, 911-924	2.4	7
13	Modification and validation of maize simulation model (MSM) at different applied water and nitrogen levels under furrow irrigation. *Archives of Agronomy and Soil Science*, **2011**, 57, 401-420	2	9
12	Corn crop water stress index under different redroot pigweed (Amaranthus retroflexus L.) densities and irrigation regimes. *Archives of Agronomy and Soil Science*, **2010**, 56, 285-293	2	4
11	Prediction of soil hydraulic parameters by inverse method using genetic algorithm optimization under field conditions. *Archives of Agronomy and Soil Science*, **2010**, 56, 13-28	2	12
10	Utilization of Time-Based Meteorological Droughts to Investigate Occurrence of Streamflow Droughts. *Water Resources Management*, **2010**, 24, 4287-4306	3.7	36
9	Development and evaluation of integrated water and nitrogen model for maize. *Agricultural Water Management*, **2006**, 81, 227-256	5.9	42
8	Improved soil hydraulic conductivity function based on specific liquid□apour interfacial area around the soil particles. *Geoderma*, **2006**, 132, 20-30	6.7	6
7	Daily Stream Flow Prediction Capability of Artificial Neural Networks as influenced by Minimum Air Temperature Data. *Biosystems Engineering*, **2006**, 95, 557-567	4.8	20
6	Soil hydraulic conductivity function based on specific liquid□apor interfacial area around the soil particles. *Geoderma*, **2004**, 119, 143-157	6.7	12
5	Regional classification for dryland agriculture in southern Iran. *Journal of Arid Environments*, **2002**, 50, 333-341	2.5	36
4	Optimal applied water and nitrogen for corn. *Agricultural Water Management*, **2001**, 52, 73-85	5.9	22
3	Relationship between Soluble and Extractable Phosphorus in Some Calcareous Soils of Iran. *Journal of Environmental Quality*, **1993**, 22, 578-583	3.4	3
2	Spatio-temporal variability of extreme precipitation characteristics under different climatic conditions in Fars province, Iran. *Environment, Development and Sustainability*,1	4.5	0

1	Development of a simulation model for sugar beet growth under water and nitrogen deficiency. *Irrigation Science*,1	3.1	0