Aviva Peeters

List of Publications by Year
in descending order

25 papers	520 citations	623188 14 h-index	676716 22 g-index
25 all docs	25 docs citations	25 times ranked	672 citing authors

#	Article	IF	Citations
1	Governance using the water-food-energy nexus and human-factor measures. PLoS ONE, 2022, 17, e0261995.	1.1	1
2	In-Season Interactions between Vine Vigor, Water Status and Wine Quality in Terrain-Based Management-Zones in a 'Cabernet Sauvignon' Vineyard. Remote Sensing, 2021, 13, 1636.	1.8	18
3	The Impact of Roads on the Redistribution of Plants and Associated Arthropods in a Hyper-Arid Ecosystem. Journal of Insect Science, 2021, 21, .	0.6	2
4	Multiseasonal grapevine water consumption – Drivers and forecasting. Agricultural and Forest Meteorology, 2020, 280, 107796.	1.9	28
5	"Surface," "satellite" or "simulation" Mapping intra-urban microclimate variability in a desert city. International Journal of Climatology, 2020, 40, 3099-3117.	1.5	15
6	SHui, an EU-Chinese cooperative project to optimize soil and water management in agricultural areas in the XXI century. International Soil and Water Conservation Research, 2020, 8, 1-14.	3.0	5
7	A decision support tool for calculating effective shading in urban streets. Urban Climate, 2020, 34, 100672.	2.4	20
8	A weighted multivariate spatial clustering model to determine irrigation management zones. Computers and Electronics in Agriculture, 2019, 162, 719-731.	3.7	56
9	Time series analysis of vegetation-cover response to environmental factors and residential development in a dryland region. GIScience and Remote Sensing, 2019, 56, 362-387.	2.4	23
10	Predicting the effects of urbanization on runoff after frequent rainfall events. Journal of Land Use Science, 2018, 13, 81-101.	1.0	11
11	Using Time Series of High-Resolution Planet Satellite Images to Monitor Grapevine Stem Water Potential in Commercial Vineyards. Remote Sensing, 2018, 10, 1615.	1.8	54
12	Evaluating Spatially Resolved Influence of Soil and Tree Water Status on Quality of European Plum Grown in Semi-humid Climate. Frontiers in Plant Science, 2017, 8, 1053.	1.7	15
13	Predicting air temperature simultaneously for multiple locations in an urban environment: A bottom up approach. Applied Geography, 2016, 76, 62-74.	1.7	12
14	A GIS-based method for modeling urban-climate parameters using automated recognition of shadows cast by buildings. Computers, Environment and Urban Systems, 2016, 59, 107-115.	3.3	13
15	Modeling the Effects of Land-Cover Change on Rainfall-Runoff Relationships in a Semiarid, Eastern Mediterranean Watershed. Advances in Meteorology, 2015, 2015, 1-16.	0.6	17
16	Getis–Ord's hot- and cold-spot statistics as a basis for multivariate spatial clustering of orchard tree data. Computers and Electronics in Agriculture, 2015, 111, 140-150.	3.7	119
17	Irrigation scheduling of grapefruit trees in a Mediterranean environment throughout evaluation of plant water status and evapotranspiration. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2014, 38, 908-915.	0.8	9
18	Assessing the impact of dairy waste lagoons on groundwater quality using a spatial analysis of vadose zone and groundwater information in a coastal phreatic aquifer. Journal of Environmental Management, 2014, 132, 135-144.	3.8	16

#	Article	IF	Citations
19	Spatial distribution of water status in irrigated olive orchards by thermal imaging. Precision Agriculture, 2014, 15, 346-359.	3.1	29
20	A disaster waiting to happenâ€"On the dynamic relations between geological processes and development in a desert environment. Landscape and Urban Planning, 2013, 113, 19-29.	3.4	5
21	Effects of land-cover change on rainfall-runoff relationships: a case study of the Yarkon-Ayalon watershed, Israel. , 2013, , .		0
22	An assessment of regional constraints, needs and trends. Advances in Building Energy Research, 2012, 6, 173-211.	1.1	24
23	Automated recognition of urban objects for morphological urban analysis. Computers, Environment and Urban Systems, 2012, 36, 573-582.	3.3	22
24	A Semi-automated GIS Model for Extracting Geological Structural Information from a Spaceborne Thematic Image. GIScience and Remote Sensing, 2011, 48, 264-279.	2.4	6
25	Developing an Automated System, Based on Remtoly-Sensed Data, for Recognizing the Effect of Climate on the Morphology of Urban Open Spaces. , 2007, , .		0