

# Zoltán Vekerdy

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

785  
citations

516710

16  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of soil moisture in SEBS for improving evapotranspiration estimation under water stress conditions. <i>Remote Sensing of Environment</i> , 2012, 121, 261-274.	11.0	117
2	Maqu network for validation of satellite-derived soil moisture products. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012, 17, 55-65.	2.8	84
3	Crop Monitoring Based on SPOT-5 Take-5 and Sentinel-1A Data for the Estimation of Crop Water Requirements. <i>Remote Sensing</i> , 2016, 8, 525.	4.0	64
4	Ecological monitoring of wetlands in semi-arid region of Konya closed Basin, Turkey. <i>Regional Environmental Change</i> , 2012, 12, 133-144.	2.9	55
5	Spatial analysis of the impact of shrimp culture on the coastal wetlands on the Northern coast of Sinaloa, Mexico. <i>Ocean and Coastal Management</i> , 2011, 54, 535-543.	4.4	43
6	Monitoring coal fires using multi-temporal night-time thermal images in a coalfield in north-west China. <i>International Journal of Remote Sensing</i> , 1999, 20, 2883-2888.	2.9	42
7	Design and implementation of a dedicated prototype GIS for coal fire investigations in North China. <i>International Journal of Coal Geology</i> , 2004, 59, 107-119.	5.0	34
8	Satellite-based monitoring of tropical seagrass vegetation: current techniques and future developments. <i>Hydrobiologia</i> , 2007, 591, 59-71.	2.0	33
9	Statistical and analytical study of the propagation of flood-induced groundwater rise in an alluvial aquifer. <i>Journal of Hydrology</i> , 1998, 205, 112-125.	5.4	29
10	Assimilation of Satellite-Observed Snow Albedo in a Land Surface Model. <i>Journal of Hydrometeorology</i> , 2012, 13, 1119-1130.	1.9	28
11	Deriving optical properties of Mahakam Delta coastal waters, Indonesia using in situ measurements and ocean color model inversion. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012, 68, 157-169.	11.1	27
12	Recent Drought-Induced Vitality Decline of Black Pine ( <i>Pinus nigra</i> Arn.) in South-West Hungary – Is This Drought-Resistant Species under Threat by Climate Change?. <i>Forests</i> , 2018, 9, 414.	2.1	26
13	A Spectral Unmixing Method with Ensemble Estimation of Endmembers: Application to Flood Mapping in the Caprivi Floodplain. <i>Remote Sensing</i> , 2017, 9, 1013.	4.0	25
14	Assessing Groundwater Storage Changes Using Remote Sensing – Based Evapotranspiration and Precipitation at a Large Semiarid Basin Scale. <i>Journal of Hydrometeorology</i> , 2013, 14, 1733-1753.	1.9	21
15	Limits to agricultural growth in the Sistan Closed Inland Delta, Iran. <i>Irrigation and Drainage Systems</i> , 2008, 22, 131-143.	0.5	19
16	Improving modeled snow albedo estimates during the spring melt season. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 7311-7331.	3.3	19
17	Comparative water balance study of forest and fallow plots. <i>IForest</i> , 2012, 5, 188-196.	1.4	18
18	Seasonality and autocorrelation of satellite-derived soil moisture products. <i>International Journal of Remote Sensing</i> , 2013, 34, 3231-3247.	2.9	15

#	ARTICLE	IF	CITATIONS
19	Satellite-based analysis of recent trends in the ecohydrology of a semi-arid region. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 3779-3794.	4.9	15
20	Soil Salt Content and Its Relationship with Crops and Groundwater Depth in the Yinchuan Plain (China) Using Remote Sensing. <i>Arid Land Research and Management</i> , 2012, 26, 227-235.	1.6	13
21	Surface Energy Balance of Fresh and Saline Waters: AquaSEBS. <i>Remote Sensing</i> , 2016, 8, 583.	4.0	11
22	Flood Extent Mapping in the Caprivi Floodplain Using Sentinel-1 Time Series. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 5667-5683.	4.9	10
23	Semi-empirical approach for estimating broadband albedo of snow. <i>Remote Sensing of Environment</i> , 2011, 115, 2086-2095.	11.0	9
24	An Overview of the Regional Experiments for Land-atmosphere Exchanges 2012 (REFLEX 2012) Campaign. <i>Acta Geophysica</i> , 2015, 63, 1465-1484.	2.0	9
25	Aerial Image Classification for the Mapping of Riparian Vegetation Habitats. <i>Acta Silvatica Et Lignaria Hungarica</i> , 2013, 9, 119-133.	0.3	5
26	Application of a novel cascade-routing and infiltration concept with a Voronoi unstructured grid in MODFLOW 6, for an assessment of surface-water/groundwater interactions in a hard-rock catchment (Sardon, Spain). <i>Hydrogeology Journal</i> , 2022, 30, 899-925.	2.1	5
27	The Making of a Joint E-Learning Platform for Remote Sensing Education: Experiences and Lessons Learned. <i>Remote Sensing</i> , 2021, 13, 1718.	4.0	4
28	Forest Habitat Change Dynamics in a Riparian Wetland. <i>Procedia Environmental Sciences</i> , 2011, 7, 371-376.	1.4	3
29	Education and capacity building in earth observation for waterrelated applications in emerging economies. , 2012, , .		1
30	Preface: Land Surface Processes and Interactionsâ€”From HCMM to Sentinel Missions and Beyond. <i>Remote Sensing</i> , 2017, 9, 788.	4.0	0