

# Geert Sterk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11767356/publications.pdf>

Version: 2024-02-01

15  
papers

1,059  
citations

687363

13  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics in land cover and its effect on stream flow in the Chemoga watershed, Blue Nile basin, Ethiopia. <i>Hydrological Processes</i> , 2005, 19, 445-458.	2.6	171
2	Assessment of soil erosion in cultivated fields using a survey methodology for rills in the Chemoga watershed, Ethiopia. <i>Agriculture, Ecosystems and Environment</i> , 2003, 97, 81-93.	5.3	136
3	Calibration of a large-scale hydrological model using satellite-based soil moisture and evapotranspiration products. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3125-3144.	4.9	128
4	Drought vulnerability drives land-use and land cover changes in the Rift Valley dry lands of Ethiopia. <i>Agriculture, Ecosystems and Environment</i> , 2013, 164, 100-113.	5.3	114
5	Satellite-based estimation of rainfall erosivity for Africa. <i>Journal of Hydrology</i> , 2010, 395, 235-241.	5.4	102
6	Timing of erosion and satellite data: A multi-resolution approach to soil erosion risk mapping. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2008, 10, 267-281.	2.8	88
7	Land management, erosion problems and soil and water conservation in Fincha'a watershed, western Ethiopia. <i>Land Use Policy</i> , 2010, 27, 1027-1037.	5.6	86
8	Spatial modeling of wind speed around windbreaks. <i>Catena</i> , 2003, 52, 273-288.	5.0	84
9	Hydropower-Induced Land Use Change in Fincha'a Watershed, Western Ethiopia: Analysis and Impacts. <i>Mountain Research and Development</i> , 2008, 28, 72-80.	1.0	47
10	Benefits, limitations and sustainability of soil and water conservation structures in Omo-Gibe basin, Southwest Ethiopia. <i>Land Use Policy</i> , 2018, 73, 1-10.	5.6	28
11	The effect of long-term Maresha ploughing on soil physical properties in the Central Rift Valley of Ethiopia. <i>Soil and Tillage Research</i> , 2011, 111, 115-122.	5.6	23
12	The effectiveness of soil conservation measures at a landscape scale in the West Usambara highlands, Tanzania. <i>Geoderma</i> , 2015, 241-242, 168-179.	5.1	19
13	Aeolian sediment mass fluxes on a sandy soil in Central Patagonia. <i>Catena</i> , 2012, 95, 112-123.	5.0	17
14	Surface Runoff and Drought Assessment Using Global Water Resources Datasets - from Oum Er Rbia Basin to the Moroccan Country Scale. <i>Water Resources Management</i> , 2020, 34, 2117-2133.	3.9	14
15	Modelling and mapping erosion in smallholder agroecosystems, Tanzania. <i>Land Degradation and Development</i> , 2018, 29, 2299-2309.	3.9	2