Chris M Mannaerts

List of Publications by Year
in descending order

23	361	840776 11	839539 18
papers	citations	h-index	g-index

23	23	23	584
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Status of accuracy in remotely sensed and in-situ agricultural water productivity estimates: A review. Remote Sensing of Environment, 2019, 234, 111413.	11.0	49
2	Influence of topography on rainfall variability in Santiago Island, Cape Verde. International Journal of Climatology, 2014, 34, 1081-1097.	3.5	46
3	Evaluation of <scp>WaPOR V2</scp> evapotranspiration products across Africa. Hydrological Processes, 2020, 34, 3200-3221.	2.6	41
4	Seasonal and land use impacts on the nitrate budget and export of a mesoscale catchment in Southern Portugal. Agricultural Water Management, 2011, 102, 54-65.	5.6	34
5	An Intercomparison of Satellite-Based Daily Evapotranspiration Estimates under Different Eco-Climatic Regions in South Africa. Remote Sensing, 2017, 9, 307.	4.0	28
6	Using hydrodynamic and water quality variables to assess eutrophication in a tropical hydroelectric reservoir. Journal of Environmental Management, 2020, 256, 109932.	7.8	23
7	Evaluating organochlorine pesticide residues in the aquatic environment of the Lake Naivasha River basin using passive sampling techniques. Environmental Monitoring and Assessment, 2018, 190, 349.	2.7	14
8	Modeling Pesticide and Sediment Transport in the Malewa River Basin (Kenya) Using SWAT. Water (Switzerland), 2019, 11, 87.	2.7	14
9	Influence of Spatial Resolution on Remote Sensing-Based Irrigation Performance Assessment Using WaPOR Data. Remote Sensing, 2020, 12, 2949.	4.0	14
10	An Integrative Information Aqueduct to Close the Gaps between Satellite Observation of Water Cycle and Local Sustainable Management of Water Resources. Water (Switzerland), 2020, 12, 1495.	2.7	12
11	Selecting best mapping strategies for storm runoff modeling in a mountainous semiâ€arid area. Earth Surface Processes and Landforms, 2014, 39, 1030-1048.	2.5	11
12	Tracing Nitrate-Nitrogen Sources and Modifications in a Stream Impacted by Various Land Uses, South Portugal. Water (Switzerland), 2016, 8, 385.	2.7	10
13	Conjunctive use of in situ gas sampling and chromatography with geospatial analysis to estimate greenhouse gas emissions of a large Amazonian hydroelectric reservoir. Science of the Total Environment, 2019, 650, 394-407.	8.0	9
14	Estimating total suspended matter concentration in tropical coastal waters of the Berau estuary, Indonesia. International Journal of Remote Sensing, 2012, 33, 4919-4936.	2.9	8
15	Using Synergy between Water Limnology and Satellite Imagery to Identify Algal Blooms Extent in a Brazilian Amazonian Reservoir. Sustainability, 2017, 9, 2194.	3.2	8
16	An Improved Approach for Downscaling Coarse-Resolution Thermal Data by Minimizing the Spatial Averaging Biases in Random Forest. Remote Sensing, 2020, 12, 3507.	4.0	7
17	Influence of Planetary Boundary Layer (PBL) Parameterizations in the Weather Research and Forecasting (WRF) Model on the Retrieval of Surface Meteorological Variables over the Kenyan Highlands. Atmosphere, 2022, 13, 169.	2.3	7
18	Seasonal variation of phytoplankton indicates small impacts of anthropic activities in a Brazilian Amazonian reserve. Ecohydrology and Hydrobiology, 2017, 17, 217-226.	2.3	5

#	Article	IF	Citations
19	Remote-sensing estimation of the water stress coefficient and comparison with drought evidence. International Journal of Remote Sensing, 2018, 39, 4616-4639.	2.9	5
20	Exploring the Environmental Exposure to Methoxychlor, Î±-HCH and Endosulfanâ€“sulfate Residues in Lake Naivasha (Kenya) Using a Multimedia Fate Modeling Approach. International Journal of Environmental Research and Public Health, 2020, 17, 2727.	2.6	5
21	Uncertainty and Sensitivity Analysis of a Remote-Sensing-Based Penmanâ€“Monteith Model to Meteorological and Land Surface Input Variables. Remote Sensing, 2021, 13, 882.	4.0	5
22	Comparison of two bias correction methods for TRMM 3B42 satellite daily rainfall estimates over Northern Tunisia. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	3
23	A Low-Cost Digital Colorimetry Setup to Investigate the Relationship between Water Color and Its Chemical Composition. Sensors, 2021, 21, 6699.	3.8	3