

Chris M Mannaerts

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

361
citations

840776

11
h-index

839539

18
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23
all docs

23
docs citations

23
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Atmosphere</i> , 2022, 13, 169.	2.3	7
2	Uncertainty and Sensitivity Analysis of a Remote-Sensing-Based Penman-Monteith Model to Meteorological and Land Surface Input Variables. <i>Remote Sensing</i> , 2021, 13, 882.	4.0	5
3	Comparison of two bias correction methods for TRMM 3B42 satellite daily rainfall estimates over Northern Tunisia. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	3
4	A Low-Cost Digital Colorimetry Setup to Investigate the Relationship between Water Color and Its Chemical Composition. <i>Sensors</i> , 2021, 21, 6699.	3.8	3
5	Using hydrodynamic and water quality variables to assess eutrophication in a tropical hydroelectric reservoir. <i>Journal of Environmental Management</i> , 2020, 256, 109932.	7.8	23
6	An Improved Approach for Downscaling Coarse-Resolution Thermal Data by Minimizing the Spatial Averaging Biases in Random Forest. <i>Remote Sensing</i> , 2020, 12, 3507.	4.0	7
7	Influence of Spatial Resolution on Remote Sensing-Based Irrigation Performance Assessment Using WaPOR Data. <i>Remote Sensing</i> , 2020, 12, 2949.	4.0	14
8	Evaluation of WaPOR V2 evapotranspiration products across Africa. <i>Hydrological Processes</i> , 2020, 34, 3200-3221.	2.6	41
9	An Integrative Information Aqueduct to Close the Gaps between Satellite Observation of Water Cycle and Local Sustainable Management of Water Resources. <i>Water (Switzerland)</i> , 2020, 12, 1495.	2.7	12
10	Exploring the Environmental Exposure to Methoxychlor, $\hat{\pm}$ -HCH and Endosulfan-sulfate Residues in Lake Naivasha (Kenya) Using a Multimedia Fate Modeling Approach. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2727.	2.6	5
11	Status of accuracy in remotely sensed and in-situ agricultural water productivity estimates: A review. <i>Remote Sensing of Environment</i> , 2019, 234, 111413.	11.0	49
12	Modeling Pesticide and Sediment Transport in the Malewa River Basin (Kenya) Using SWAT. <i>Water (Switzerland)</i> , 2019, 11, 87.	2.7	14
13	Conjunctive use of in situ gas sampling and chromatography with geospatial analysis to estimate greenhouse gas emissions of a large Amazonian hydroelectric reservoir. <i>Science of the Total Environment</i> , 2019, 650, 394-407.	8.0	9
14	Remote-sensing estimation of the water stress coefficient and comparison with drought evidence. <i>International Journal of Remote Sensing</i> , 2018, 39, 4616-4639.	2.9	5
15	Evaluating organochlorine pesticide residues in the aquatic environment of the Lake Naivasha River basin using passive sampling techniques. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 349.	2.7	14
16	Seasonal variation of phytoplankton indicates small impacts of anthropic activities in a Brazilian Amazonian reserve. <i>Ecohydrology and Hydrobiology</i> , 2017, 17, 217-226.	2.3	5
17	An Intercomparison of Satellite-Based Daily Evapotranspiration Estimates under Different Eco-Climatic Regions in South Africa. <i>Remote Sensing</i> , 2017, 9, 307.	4.0	28
18	Using Synergy between Water Limnology and Satellite Imagery to Identify Algal Blooms Extent in a Brazilian Amazonian Reservoir. <i>Sustainability</i> , 2017, 9, 2194.	3.2	8

#	ARTICLE	IF	CITATIONS
19	Tracing Nitrate-Nitrogen Sources and Modifications in a Stream Impacted by Various Land Uses, South Portugal. <i>Water (Switzerland)</i> , 2016, 8, 385.	2.7	10
20	Influence of topography on rainfall variability in Santiago Island, Cape Verde. <i>International Journal of Climatology</i> , 2014, 34, 1081-1097.	3.5	46
21	Selecting best mapping strategies for storm runoff modeling in a mountainous semi-arid area. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 1030-1048.	2.5	11
22	Estimating total suspended matter concentration in tropical coastal waters of the Berau estuary, Indonesia. <i>International Journal of Remote Sensing</i> , 2012, 33, 4919-4936.	2.9	8
23	Seasonal and land use impacts on the nitrate budget and export of a mesoscale catchment in Southern Portugal. <i>Agricultural Water Management</i> , 2011, 102, 54-65.	5.6	34