Albert I J M Van Dijk

List of Publications by Year
in descending order

154 papers	15,835 citations	20817 60 h-index	17592 121 g-index
198 all docs	198 docs citations	198 times ranked	15058 citing authors

#	Article	IF	Citations
1	The Millennium Drought in southeast Australia (2001–2009): Natural and human causes and implications for water resources, ecosystems, economy, and society. Water Resources Research, 2013, 49, 1040-1057.	4.2	977
2	MSWEP: 3-hourly 0.25° global gridded precipitation (1979–2015) by merging gauge, satellite, and reanalysis data. Hydrology and Earth System Sciences, 2017, 21, 589-615.	4.9	742
3	Trend-preserving blending of passive and active microwave soil moisture retrievals. Remote Sensing of Environment, 2012, 123, 280-297.	11.0	670
4	MSWEP V2 Global 3-Hourly 0.1° Precipitation: Methodology and Quantitative Assessment. Bulletin of the American Meteorological Society, 2019, 100, 473-500.	3.3	592
5	Developing an improved soil moisture dataset by blending passive and active microwave satellite-based retrievals. Hydrology and Earth System Sciences, 2011, 15, 425-436.	4.9	572
6	Global-scale evaluation of 22 precipitation datasets using gauge observations and hydrological modeling. Hydrology and Earth System Sciences, 2017, 21, 6201-6217.	4.9	541
7	Drought in the Anthropocene. Nature Geoscience, 2016, 9, 89-91.	12.9	537
8	Recent reversal in loss of global terrestrial biomass. Nature Climate Change, 2015, 5, 470-474.	18.8	447
9	Rainfall intensity–kinetic energy relationships: a critical literature appraisal. Journal of Hydrology, 2002, 261, 1-23.	5.4	376
10	Advancing data assimilation in operational hydrologic forecasting: progresses, challenges, and emerging opportunities. Hydrology and Earth System Sciences, 2012, 16, 3863-3887.	4.9	350
11	Planted forests and water in perspective. Forest Ecology and Management, 2007, 251, 1-9.	3.2	326
12	Daily evaluation of 26 precipitation datasets using Stage-IV gauge-radar data for the CONUS. Hydrology and Earth System Sciences, 2019, 23, 207-224.	4.9	325
13	Assessing the accuracy of blending Landsat–MODIS surface reflectances in two landscapes with contrasting spatial and temporal dynamics: A framework for algorithm selection. Remote Sensing of Environment, 2013, 133, 193-209.	11.0	290
14	Drought in a human-modified world: reframing drought definitions, understanding, and analysis approaches. Hydrology and Earth System Sciences, 2016, 20, 3631-3650.	4.9	289
15	Global evaluation of four AVHRR–NDVI data sets: Intercomparison and assessment against Landsat imagery. Remote Sensing of Environment, 2011, 115, 2547-2563.	11.0	273
16	A review of historic and future hydrological changes in the Murray-Darling Basin. Global and Planetary Change, 2012, 80-81, 226-246.	3.5	252
17	Global–scale regionalization of hydrologic model parameters. Water Resources Research, 2016, 52, 3599-3622.	4.2	241
18	Reduced streamflow in water-stressed climates consistent with CO_2 effects on vegetation. Nature Climate Change, 2016, 6, 75-78.	18.8	230

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19	Global long-term passive microwave satellite-based retrievals of vegetation optical depth. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	222
20	Scaling of potential evapotranspiration with MODIS data reproduces flux observations and catchment water balance observations across Australia. Journal of Hydrology, 2009, 369, 107-119.	5.4	216
21	Global patterns in base flow index and recession based on streamflow observations from 3394 catchments. Water Resources Research, 2013, 49, 7843-7863.	4.2	200
22	Modelling rainfall interception by vegetation of variable density using an adapted analytical model. Part 1. Model description. Journal of Hydrology, 2001, 247, 230-238.	5.4	198
23	Natural hazards in Australia: droughts. Climatic Change, 2016, 139, 37-54.	3.6	174
24	Human–water interface in hydrological modelling: current status and future directions. Hydrology and Earth System Sciences, 2017, 21, 4169-4193.	4.9	171
25	A global water resources ensemble of hydrological models: the eartH2Observe Tier-1 dataset. Earth System Science Data, 2017, 9, 389-413.	9.9	169
26	The importance of epiphytes to total rainfall interception by a tropical montane rain forest in Costa Rica. Journal of Hydrology, 2004, 292, 308-322.	5.4	168
27	Global changes in dryland vegetation dynamics (1988–2008) assessed by satellite remote sensing: comparing a new passive microwave vegetation density record with reflective greenness data. Biogeosciences, 2013, 10, 6657-6676.	3.3	158
28	Evaluation of 18 satellite- and model-based soil moisture products using in situ measurements from 826 sensors. Hydrology and Earth System Sciences, 2021, 25, 17-40.	4.9	156
29	Global vegetation biomass change (1988-2008) and attribution to environmental and human drivers. Global Ecology and Biogeography, 2013, 22, 692-705.	5.8	149
30	Global evaluation of runoff from 10 state-of-the-art hydrological models. Hydrology and Earth System Sciences, 2017, 21, 2881-2903.	4.9	146
31	Water resource monitoring systems and the role of satellite observations. Hydrology and Earth System Sciences, 2011, 15, 39-55.	4.9	143
32	Toward Global Drought Early Warning Capability: Expanding International Cooperation for the Development of a Framework for Monitoring and Forecasting. Bulletin of the American Meteorological Society, 2013, 94, 776-785.	3.3	142
33	Modelling rainfall interception by vegetation of variable density using an adapted analytical model. Part 2. Model validation for a tropical upland mixed cropping system. Journal of Hydrology, 2001, 247, 239-262.	5.4	138
34	Changing Climate and Overgrazing Are Decimating Mongolian Steppes. PLoS ONE, 2013, 8, e57599.	2.5	136
35	Global Maps of Streamflow Characteristics Based on Observations from Several Thousand Catchments*. Journal of Hydrometeorology, 2015, 16, 1478-1501.	1.9	136
36	Rainfall interception and the coupled surface water and energy balance. Agricultural and Forest Meteorology, 2015, 214-215, 402-415.	4.8	130

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37	Evaluation and bias correction of satellite rainfall data for drought monitoring in Indonesia. Hydrology and Earth System Sciences, 2012, 16, 133-146.	4.9	128
38	A global water cycle reanalysis (2003â€"2012) merging satellite gravimetry and altimetry observations with a hydrological multi-model ensemble. Hydrology and Earth System Sciences, 2014, 18, 2955-2973.	4.9	121
39	Understanding the global hydrological droughts of 2003â€"2016 and their relationships with teleconnections. Science of the Total Environment, 2019, 650, 2587-2604.	8.0	121
40	Evaluation of optical remote sensing to estimate actual evapotranspiration and canopy conductance. Remote Sensing of Environment, 2013, 129, 250-261.	11.0	119
41	Stormflow generation in a small rainforest catchment in the Luquillo Experimental Forest, Puerto Rico. Hydrological Processes, 2004, 18, 505-530.	2.6	108
42	Continental satellite soil moisture data assimilation improves root-zone moisture analysis for water resources assessment. Journal of Hydrology, 2014, 519, 2747-2762.	5.4	108
43	Global root zone storage capacity from satellite-based evaporation. Hydrology and Earth System Sciences, 2016, 20, 1459-1481.	4.9	107
44	Global analysis of seasonal streamflow predictability using an ensemble prediction system and observations from 6192 small catchments worldwide. Water Resources Research, 2013, 49, 2729-2746.	4.2	105
45	Improved water balance component estimates through joint assimilation of GRACE water storage and SMOS soil moisture retrievals. Water Resources Research, 2017, 53, 1820-1840.	4.2	104
46	A fuel moisture content and flammability monitoring methodology for continental Australia based on optical remote sensing. Remote Sensing of Environment, 2018, 212, 260-272.	11.0	104
47	Forestâ€"flood relation still tenuous â€" comment on â€˜Global evidence that deforestation amplifies flood risk and severity in the developing worldâ€™ by C. J. A. Bradshaw, N.S. Sodi, K. S.â€ŒH. Peh and B.W. Brook. Global Change Biology, 2009, 15, 110-115.	9.5	91
48	Natural hazards in Australia: floods. Climatic Change, 2016, 139, 21-35.	3.6	89
49	Improving drought simulations within the Murray-Darling Basin by combined calibration/assimilation of GRACE data into the WaterGAP Global Hydrology Model. Remote Sensing of Environment, 2018, 204, 212-228.	11.0	88
50	River gauging at global scale using optical and passive microwave remote sensing. Water Resources Research, 2016, 52, 6404-6418.	4.2	87
51	Evaluation of Precipitation Estimation Accuracy in Reanalyses, Satellite Products, and an Ensemble Method for Regions in Australia and South and East Asia. Journal of Hydrometeorology, 2013, 14, 1323-1333.	1.9	86
52	The impact of forest regeneration on streamflow in 12 mesoscale humid tropical catchments. Hydrology and Earth System Sciences, 2013, 17, 2613-2635.	4.9	85
53	Improving Curve Number Based Storm Runoff Estimates Using Soil Moisture Proxies. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2009, 2, 250-259.	4.9	84
54	Actual evapotranspiration estimation by ground and remote sensing methods: the Australian experience. Hydrological Processes, 2011, 25, 4103-4116.	2.6	77

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55	Climate and terrain factors explaining streamflow response and recession in Australian catchments. Hydrology and Earth System Sciences, 2010, 14, 159-169.	4.9	76
56	Exponential Distribution Theory and the Interpretation of Splash Detachment and Transport Experiments. Soil Science Society of America Journal, 2002, 66, 1466-1474.	2.2	75
57	Reviews and syntheses: Australian vegetation phenology: new insights from satellite remote sensing and digital repeat photography. Biogeosciences, 2016, 13, 5085-5102.	3.3	75
58	Forest fire fuel through the lens of remote sensing: Review of approaches, challenges and future directions in the remote sensing of biotic determinants of fire behaviour. Remote Sensing of Environment, 2021, 255, 112282.	11.0	68
59	Estimates of CO2 uptake and release among European forests based on eddy covariance data. Global Change Biology, 2004, 10, 1445-1459.	9.5	67
60	An analysis of spatiotemporal variations of soil and vegetation moisture from a 29â€year satelliteâ€derived data set over mainland Australia. Water Resources Research, 2009, 45, .	4.2	64
61	Upscaling latent heat flux for thermal remote sensing studies: Comparison of alternative approaches and correction of bias. Journal of Hydrology, 2012, 468-469, 35-46.	5.4	64
62	A methodology to study rain splash and wash processes under natural rainfall. Hydrological Processes, 2003, 17, 153-167.	2.6	62
63	Reforestation, water availability and stream salinity: A multi-scale analysis in the Murray-Darling Basin, Australia. Forest Ecology and Management, 2007, 251, 94-109.	3.2	62
64	Monitoring agricultural drought in Australia using MTSAT-2 land surface temperature retrievals. Remote Sensing of Environment, 2020, 236, 111419.	11.0	61
65	Quantifying the impacts of ENSO and IOD on rain gauge and remotely sensed precipitation products over Australia. Remote Sensing of Environment, 2016, 172, 50-66.	11.0	60
66	Assessing sequential data assimilation techniques for integrating GRACE data into a hydrological model. Advances in Water Resources, 2017, 107, 301-316.	3.8	60
67	Forests as â€˜spongesâ€™ and â€˜pumpsâ€™: Assessing the impact of deforestation on dry-season flows across the tropics. Journal of Hydrology, 2019, 574, 946-963.	5.4	60
68	Comparison of remotely sensed and modelled soil moisture data sets acrossÂAustralia. Remote Sensing of Environment, 2016, 186, 479-500.	11.0	59
69	Detecting changes in streamflow after partial woodland clearing in two large catchments in the seasonal tropics. Journal of Hydrology, 2012, 416-417, 60-71.	5.4	58
70	Determining water storage depletion within Iran by assimilating GRACE data into the W3RA hydrological model. Advances in Water Resources, 2018, 114, 1-18.	3.8	58
71	Correcting for systematic error in satellite-derived latent heat flux due to assumptions in temporal scaling: Assessment from flux tower observations. Journal of Hydrology, 2011, 409, 140-148.	5.4	57
72	The role of climatic and terrain attributes in estimating baseflow recession in tropical catchments. Hydrology and Earth System Sciences, 2010, 14, 2193-2205.	4.9	51

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73	Evaluation of the predicted error of the soil moisture retrieval from C-band SAR by comparison against modelled soil moisture estimates over Australia. Remote Sensing of Environment, 2012, 120, 188-196.	11.0	51
74	Use of Gravity Recovery and Climate Experiment terrestrial water storage retrievals to evaluate model estimates by the Australian water resources assessment system. Water Resources Research, 2011, 47, .	4.2	49
75	Radiation, temperature, and leaf area explain ecosystem carbon fluxes in boreal and temperate European forests. Global Biogeochemical Cycles, 2005, 19, n/a-n/a.	4.9	48
76	Calibration of Spatially Distributed Hydrological Processes and Model Parameters in SWAT Using Remote Sensing Data and an Auto-Calibration Procedure: A Case Study in a Vietnamese River Basin. Water (Switzerland), 2018, 10, 212.	2.7	44
77	Global Fully Distributed Parameter Regionalization Based on Observed Streamflow From 4,229 Headwater Catchments. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031485.	3.3	44
78	Terrace erosion and sediment transport model: a new tool for soil conservation planning in bench-terraced steeplands. Environmental Modelling and Software, 2003, 18, 839-850.	4.5	43
79	Global vegetation gross primary production estimation using satellite-derived light-use efficiency and canopy conductance. Remote Sensing of Environment, 2015, 163, 206-216.	11.0	43
80	Dynamic identification of summer cropping irrigated areas in a large basin experiencing extreme climatic variability. Remote Sensing of Environment, 2014, 154, 139-152.	11.0	42
81	Forecasting dryland vegetation condition months in advance through satellite data assimilation. Nature Communications, 2019, 10, 469.	12.8	42
82	Runoff and soil loss from bench terraces. 1. An event-based model of rainfall infiltration and surface runoff. European Journal of Soil Science, 2004, 55, 299-316.	3.9	41
83	Continental mapping of groundwater dependent ecosystems: A methodological framework to integrate diverse data and expert opinion. Journal of Hydrology: Regional Studies, 2017, 10, 61-81.	2.4	41
84	SMOS soil moisture retrievals using the land parameter retrieval model: Evaluation over the Murrumbidgee Catchment, southeast Australia. Remote Sensing of Environment, 2015, 163, 70-79.	11.0	40
85	Land cover and water yield: inference problems when comparing catchments with mixed land cover. Hydrology and Earth System Sciences, 2012, 16, 3461-3473.	4.9	38
86	Accounting for spatial correlation errors in the assimilation of GRACE into hydrological models through localization. Advances in Water Resources, 2017, 108, 99-112.	3.8	38
87	Global 5â€‰km resolution estimates of secondary evaporation including irrigation through satellite data assimilation. Hydrology and Earth System Sciences, 2018, 22, 4959-4980.	4.9	38
88	Streamflow rating uncertainty: Characterisation and impacts on model calibration and performance. Environmental Modelling and Software, 2015, 63, 32-44.	4.5	35
89	Deriving comprehensive forest structure information from mobile laser scanning observations using automated point cloud classification. Environmental Modelling and Software, 2016, 82, 142-151.	4.5	35
90	Global joint assimilation of GRACE and SMOS for improved estimation of root-zone soil moisture and vegetation response. Hydrology and Earth System Sciences, 2019, 23, 1067-1081.	4.9	34

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91	TRMMâ€‘TMI satellite observed soil moisture and vegetation density (1998â€"2005) show strong connection with El NiÃ±o in eastern Australia. Geophysical Research Letters, 2007, 34, .	4.0	33
92	Selection of an appropriately simple storm runoff model. Hydrology and Earth System Sciences, 2010, 14, 447-458.	4.9	33
93	Enhanced canopy growth precedes senescence in 2005 and 2010 Amazonian droughts. Remote Sensing of Environment, 2018, 211, 26-37.	11.0	33
94	Measurements of rain splash on bench terraces in a humid tropical steepland environment. Hydrological Processes, 2003, 17, 513-535.	2.6	31
95	Spatio-temporal evaluation of resolution enhancement for passive microwave soil moisture and vegetation optical depth. International Journal of Applied Earth Observation and Geoinformation, 2016, 45, 235-244.	2.8	30
96	MSWX: Global 3-Hourly 0.1Â° Bias-Corrected Meteorological Data Including Near-Real-Time Updates and Forecast Ensembles. Bulletin of the American Meteorological Society, 2022, 103, E710-E732.	3.3	30
97	Biomass estimation in dense tropical forest using multiple information from single-baseline P-band PolInSAR data. Remote Sensing of Environment, 2019, 221, 489-507.	11.0	29
98	Environmental reporting and accounting in Australia: Progress, prospects and research priorities. Science of the Total Environment, 2014, 473-474, 338-349.	8.0	28
99	Land use change and El NiÃ±o-Southern Oscillation drive decadal carbon balance shifts in Southeast Asia. Nature Communications, 2018, 9, 1154.	12.8	28
100	A two-parameter exponential rainfall depth-intensity distribution applied to runoff and erosion modelling. Journal of Hydrology, 2005, 300, 155-171.	5.4	27
101	Space-based passive microwave soil moisture retrievals and the correction for a dynamic open water fraction. Hydrology and Earth System Sciences, 2012, 16, 1635-1645.	4.9	27
102	How Oceanic Oscillation Drives Soil Moisture Variations over Mainland Australia: An Analysis of 32 Years of Satellite Observations*. Journal of Climate, 2013, 26, 10159-10173.	3.2	27
103	Local and Remote Drivers of Southeast Australian Drought. Geophysical Research Letters, 2020, 47, e2020GL090238.	4.0	26
104	Global trends in vegetation seasonality in the GIMMS NDVI3g and their robustness. International Journal of Applied Earth Observation and Geoinformation, 2021, 94, 102238.	2.8	26
105	The impacts of spatial baseline on forest canopy height model and digital terrain model retrieval using P-band PolInSAR data. Remote Sensing of Environment, 2018, 210, 403-421.	11.0	25
106	Influence of cracking clays on satellite estimated and model simulated soil moisture. Hydrology and Earth System Sciences, 2010, 14, 979-990.	4.9	24
107	Global-Scale Evaluation of 22 Precipitation Datasets Using Gauge Observations and Hydrological Modeling. Advances in Global Change Research, 2020, , 625-653.	1.6	24
108	Australian Precipitation Recycling and Evaporative Source Regions. Journal of Climate, 2020, 33, 8721-8735.	3.2	24

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109	Using modelled discharge to develop satellite-based river gauging: a case study for the Amazon Basin. Hydrology and Earth System Sciences, 2018, 22, 6435-6448.	4.9	22
110	Directional variation in surface emissivity inferred from the MYD21 product and its influence on estimated surface upwelling longwave radiation. Remote Sensing of Environment, 2019, 228, 45-60.	11.0	22
111	Runoff and sediment generation on bench-terraced hillsides: measurements and up-scaling of a field-based model. Hydrological Processes, 2005, 19, 1667-1685.	2.6	21
112	A multi-resolution method to map and identify locations of future gully and channel incision. Geomorphology, 2020, 358, 107115.	2.6	21
113	Global satellite-based river gauging and the influence of river morphology on its application. Remote Sensing of Environment, 2020, 239, 111629.	11.0	21
114	Evaluation of forest interception estimation in the continental scale Australian Water Resources Assessment â€" Landscape (AWRA-L) model. Journal of Hydrology, 2013, 499, 210-223.	5.4	20
115	The Importance of the Oneâ€Dimensional Assumption in Soil Moisture â€Rainfall Depth Correlation at Varying Spatial Scales. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2964-2975.	3.3	20
116	Woody vegetation cover, height and biomass at 25-m resolution across Australia derived from multiple site, airborne and satellite observations. International Journal of Applied Earth Observation and Geoinformation, 2020, 93, 102209.	2.8	20
117	Using alternative soil moisture estimates in the McArthur Forest Fire Danger Index. International Journal of Wildland Fire, 2017, 26, 806.	2.4	19
118	Hydromorphological attributes for all Australian river reaches derived from Landsat dynamic inundation remote sensing. Earth System Science Data, 2019, 11, 1003-1015.	9.9	19
119	Micrometeorology and water use of mixed crops in upland West Java, Indonesia. Agricultural and Forest Meteorology, 2004, 124, 31-49.	4.8	18
120	Performance of Different Ensemble Kalman Filter Structures to Assimilate GRACE Terrestrial Water Storage Estimates Into a Highâ€Resolution Hydrological Model: A Synthetic Study. Water Resources Research, 2018, 54, 8931-8951.	4.2	17
121	On the Use of Adaptive Ensemble Kalman Filtering to Mitigate Error Misspecifications in GRACE Data Assimilation. Water Resources Research, 2019, 55, 7622-7637.	4.2	17
122	Impacts of fire on forest age and runoff in mountain ash forests â€" RETRACTED. Functional Plant Biology, 2008, 35, 483.	2.1	16
123	The influence of soil moisture on surface and sub-surface litter fuel moisture simulation at five Australian sites. Agricultural and Forest Meteorology, 2021, 298-299, 108282.	4.8	15
124	Remotely sensed reservoir water storage dynamicsÂ(1984â€"2015) and the influence of climate variability and management at a global scale. Hydrology and Earth System Sciences, 2022, 26, 3785-3803.	4.9	15
125	Runoff and soil loss from bench terraces. 2. An event- based erosion process model. European Journal of Soil Science, 2004, 55, 317-334.	3.9	14
126	The influence of sugarcane crop development on rainfall interception losses. Journal of Hydrology, 2017, 551, 532-539.	5.4	14

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127	On agricultural drought monitoring in Australia using Himawari-8 geostationary thermal infrared observations. International Journal of Applied Earth Observation and Geoinformation, 2020, 91, 102153.	2.8	14
128	Conceptual evaluation of continental land-surface model behaviour. Environmental Modelling and Software, 2013, 43, 49-59.	4.5	13
129	Influence of emissivity angular variation on land surface temperature retrieved using the generalized split-window algorithm. International Journal of Applied Earth Observation and Geoinformation, 2019, 82, 101917.	2.8	13
130	A comparison of hillslope drainage area estimation methods using high€resolution DEMs with implications for topographic studies of gullies. Earth Surface Processes and Landforms, 2021, 46, 2229-2247.	2.5	11
131	Ecohydrology: it's all in the game?. Hydrological Processes, 2004, 18, 3683-3686.	2.6	10
132	Joint assimilation of soil moisture retrieved from multiple passive microwave frequencies increases robustness of soil moisture state estimation. Hydrology and Earth System Sciences, 2018, 22, 4605-4619.	4.9	10
133	Evaluating a landscape-scale daily water balance model to support spatially continuous representation of flow intermittency throughout stream networks. Hydrology and Earth System Sciences, 2020, 24, 5279-5295.	4.9	10
134	Influences of climate, terrain and land cover on stream salinity in southeastern Australia, and implications for management through reforestation. Hydrological Processes, 2008, 22, 3275-3284.	2.6	9
135	Estimating fire severity and carbon emissions over Australian tropical savannahs based on passive microwave satellite observations. International Journal of Remote Sensing, 2018, 39, 6479-6498.	2.9	9
136	Optimization of Deep Learning Precipitation Models Using Categorical Binary Metrics. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001909.	3.8	9
137	Spatio€temporal patterns of evapotranspiration from groundwater€dependent vegetation. Ecohydrology, 2016, 9, 1620-1629.	2.4	8
138	Application of the patient rule induction method to detect hydrologic model behavioural parameters and quantify uncertainty. Hydrological Processes, 2018, 32, 1005-1025.	2.6	8
139	Controlled field experiment clarifies the influence of soil moisture on litter moisture content. Agricultural and Forest Meteorology, 2022, 314, 108782.	4.8	8
140	Towards Global Drought Early Warning Capability: Expanding international cooperation for the development of a framework for global drought monitoring and forecasting. Bulletin of the American Meteorological Society, 0, , 130121120822004.	3.3	7
141	Increased livestock weight gain from improved water quality in farm dams: A cost-benefit analysis. PLoS ONE, 2021, 16, e0256089.	2.5	6
142	Merging Landsat and airborne LiDAR observations for continuous monitoring of floodplain water extent, depth and volume. Journal of Hydrology, 2022, 609, 127684.	5.4	6
143	Comparison of vegetation indices derived from NOAA/AVHRR data for Sahelian crop assessments. Agricultural and Forest Meteorology, 1989, 46, 23-40.	4.8	5
144	How do Spatial Scale, Noise, and Reference Data affect Empirical Estimates of Error in ASAR-Derived 1 km Resolution Soil Moisture?. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3880-3891.	4.9	4

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145	Anomaly Kriging Helps to Remove Bias in Spatial Model Runoff Estimates. Water Resources Research, 2020, 56, e2019WR026240.	4.2	3
146	Comparison of contrasting optical and LiDAR fire severity remote sensing methods in a heterogeneous forested landscape in south-eastern Australia. International Journal of Remote Sensing, 2022, 43, 2538-2559.	2.9	3
147	Water resources, climate change and energy. , 0, , 6-27.		1
148	Earth Observations for Monitoring Water Resources. , 2016, , 79-143.		1
149	GEOSS workshop XL: Managing drought through earth observation. , 2011, , .		0
150	Observing, monitoring and forecasting drought developments in Australia. , 2011, , .		0
151	Analysis of uncertainties in the inference of groundwater dynamics from gravity recovery and climate experiment observations over Australia. , 2012, , .		0
152	Mapping Live Fuel Moisture Content and Flammability for Continental Australia Using Optical Remote Sensing. , 2018, , .		0
153	Improved Forest Biomass Estimation by Adding Time-Series Characteristics of Landsat Reflectance. , 2021, , .		0
154	Continuous woody vegetation biomass estimation based on temporal modeling of Landsat data. International Journal of Applied Earth Observation and Geoinformation, 2022, 110, 102811.	1.9	0