

Albert I J M Van Dijk

List of Publications by Year in descending order

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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	MSWX: Global 3-Hourly 0.1° Bias-Corrected Meteorological Data Including Near-Real-Time Updates and Forecast Ensembles. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E710-E732.	3.3	30
2	Controlled field experiment clarifies the influence of soil moisture on litter moisture content. <i>Agricultural and Forest Meteorology</i> , 2022, 314, 108782.	4.8	8
3	Merging Landsat and airborne LiDAR observations for continuous monitoring of floodplain water extent, depth and volume. <i>Journal of Hydrology</i> , 2022, 609, 127684.	5.4	6
4	Comparison of contrasting optical and LiDAR fire severity remote sensing methods in a heterogeneous forested landscape in south-eastern Australia. <i>International Journal of Remote Sensing</i> , 2022, 43, 2538-2559.	2.9	3
5	Continuous woody vegetation biomass estimation based on temporal modeling of Landsat data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 110, 102811.	1.9	0
6	Remotely sensed reservoir water storage dynamics (1984–2015) and the influence of climate variability and management at a global scale. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 3785-3803.	4.9	15
7	The influence of soil moisture on surface and sub-surface litter fuel moisture simulation at five Australian sites. <i>Agricultural and Forest Meteorology</i> , 2021, 298-299, 108282.	4.8	15
8	Global trends in vegetation seasonality in the GIMMS NDVI3g and their robustness. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 94, 102238.	2.8	26
9	Evaluation of 18 satellite- and model-based soil moisture products using in situ measurements from 826 sensors. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 17-40.	4.9	156
10	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. <i>Remote Sensing of Environment</i> , 2021, 255, 112282.	11.0	68
11	A comparison of hillslope drainage area estimation methods using high-resolution DEMs with implications for topographic studies of gullies. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 2229-2247.	2.5	11
12	Increased livestock weight gain from improved water quality in farm dams: A cost-benefit analysis. <i>PLoS ONE</i> , 2021, 16, e0256089.	2.5	6
13	Improved Forest Biomass Estimation by Adding Time-Series Characteristics of Landsat Reflectance. , 2021, , .		0
14	Monitoring agricultural drought in Australia using MTSAT-2 land surface temperature retrievals. <i>Remote Sensing of Environment</i> , 2020, 236, 111419.	11.0	61
15	Local and Remote Drivers of Southeast Australian Drought. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090238.	4.0	26
16	Global Fully Distributed Parameter Regionalization Based on Observed Streamflow From 4,229 Headwater Catchments. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031485.	3.3	44
17	Woody vegetation cover, height and biomass at 25-m resolution across Australia derived from multiple site, airborne and satellite observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 93, 102209.	2.8	20
18	On agricultural drought monitoring in Australia using Himawari-8 geostationary thermal infrared observations. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 91, 102153.	2.8	14

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19	Anomaly Kriging Helps to Remove Bias in Spatial Model Runoff Estimates. <i>Water Resources Research</i> , 2020, 56, e2019WR026240.	4.2	3
20	A multi-resolution method to map and identify locations of future gully and channel incision. <i>Geomorphology</i> , 2020, 358, 107115.	2.6	21
21	Global satellite-based river gauging and the influence of river morphology on its application. <i>Remote Sensing of Environment</i> , 2020, 239, 111629.	11.0	21
22	Optimization of Deep Learning Precipitation Models Using Categorical Binary Metrics. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001909.	3.8	9
23	Global-Scale Evaluation of 22 Precipitation Datasets Using Gauge Observations and Hydrological Modeling. <i>Advances in Global Change Research</i> , 2020, , 625-653.	1.6	24
24	Australian Precipitation Recycling and Evaporative Source Regions. <i>Journal of Climate</i> , 2020, 33, 8721-8735.	3.2	24
25	Evaluating a landscape-scale daily water balance model to support spatially continuous representation of flow intermittency throughout stream networks. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 5279-5295.	4.9	10
26	Influence of emissivity angular variation on land surface temperature retrieved using the generalized split-window algorithm. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 82, 101917.	2.8	13
27	On the Use of Adaptive Ensemble Kalman Filtering to Mitigate Error Misspecifications in GRACE Data Assimilation. <i>Water Resources Research</i> , 2019, 55, 7622-7637.	4.2	17
28	Forecasting dryland vegetation condition months in advance through satellite data assimilation. <i>Nature Communications</i> , 2019, 10, 469.	12.8	42
29	Daily evaluation of 26 precipitation datasets using Stage-IV gauge-radar data for the CONUS. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 207-224.	4.9	325
30	Global joint assimilation of GRACE and SMOS for improved estimation of root-zone soil moisture and vegetation response. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1067-1081.	4.9	34
31	Directional variation in surface emissivity inferred from the MYD21 product and its influence on estimated surface upwelling longwave radiation. <i>Remote Sensing of Environment</i> , 2019, 228, 45-60.	11.0	22
32	Forests as "sponges" and "pumps": Assessing the impact of deforestation on dry-season flows across the tropics. <i>Journal of Hydrology</i> , 2019, 574, 946-963.	3.4	60
33	The Importance of the One-Dimensional Assumption in Soil Moisture-Rainfall Depth Correlation at Varying Spatial Scales. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2964-2975.	3.3	20
34	MSWEP V2 Global 3-Hourly 0.1° Precipitation: Methodology and Quantitative Assessment. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 473-500.	3.3	592
35	Biomass estimation in dense tropical forest using multiple information from single-baseline P-band PolInSAR data. <i>Remote Sensing of Environment</i> , 2019, 221, 489-507.	11.0	29
36	Understanding the global hydrological droughts of 2003-2016 and their relationships with teleconnections. <i>Science of the Total Environment</i> , 2019, 650, 2587-2604.	8.0	121

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37	Hydromorphological attributes for all Australian river reaches derived from Landsat dynamic inundation remote sensing. <i>Earth System Science Data</i> , 2019, 11, 1003-1015.	9.9	19
38	Estimating fire severity and carbon emissions over Australian tropical savannahs based on passive microwave satellite observations. <i>International Journal of Remote Sensing</i> , 2018, 39, 6479-6498.	2.9	9
39	Application of the patient rule induction method to detect hydrologic model behavioural parameters and quantify uncertainty. <i>Hydrological Processes</i> , 2018, 32, 1005-1025.	2.6	8
40	The impacts of spatial baseline on forest canopy height model and digital terrain model retrieval using P-band PolInSAR data. <i>Remote Sensing of Environment</i> , 2018, 210, 403-421.	11.0	25
41	Enhanced canopy growth precedes senescence in 2005 and 2010 Amazonian droughts. <i>Remote Sensing of Environment</i> , 2018, 211, 26-37.	11.0	33
42	Determining water storage depletion within Iran by assimilating GRACE data into the W3RA hydrological model. <i>Advances in Water Resources</i> , 2018, 114, 1-18.	3.8	58
43	Land use change and El Niño-Southern Oscillation drive decadal carbon balance shifts in Southeast Asia. <i>Nature Communications</i> , 2018, 9, 1154.	12.8	28
44	Improving drought simulations within the Murray-Darling Basin by combined calibration/assimilation of GRACE data into the WaterGAP Global Hydrology Model. <i>Remote Sensing of Environment</i> , 2018, 204, 212-228.	11.0	88
45	Using modelled discharge to develop satellite-based river gauging: a case study for the Amazon Basin. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 6435-6448.	4.9	22
46	Mapping Live Fuel Moisture Content and Flammability for Continental Australia Using Optical Remote Sensing. , 2018, , .		0
47	Global 5km resolution estimates of secondary evaporation including irrigation through satellite data assimilation. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4959-4980.	4.9	38
48	Joint assimilation of soil moisture retrieved from multiple passive microwave frequencies increases robustness of soil moisture state estimation. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4605-4619.	4.9	10
49	Performance of Different Ensemble Kalman Filter Structures to Assimilate GRACE Terrestrial Water Storage Estimates Into a High-Resolution Hydrological Model: A Synthetic Study. <i>Water Resources Research</i> , 2018, 54, 8931-8951.	4.2	17
50	A fuel moisture content and flammability monitoring methodology for continental Australia based on optical remote sensing. <i>Remote Sensing of Environment</i> , 2018, 212, 260-272.	11.0	104
51	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. <i>Water (Switzerland)</i> , 2018, 10, 212.	2.7	44
52	Continental mapping of groundwater dependent ecosystems: A methodological framework to integrate diverse data and expert opinion. <i>Journal of Hydrology: Regional Studies</i> , 2017, 10, 61-81.	2.4	41
53	Improved water balance component estimates through joint assimilation of GRACE water storage and SMOS soil moisture retrievals. <i>Water Resources Research</i> , 2017, 53, 1820-1840.	4.2	104
54	The influence of sugarcane crop development on rainfall interception losses. <i>Journal of Hydrology</i> , 2017, 551, 532-539.	5.4	14

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55	Accounting for spatial correlation errors in the assimilation of GRACE into hydrological models through localization. <i>Advances in Water Resources</i> , 2017, 108, 99-112.	3.8	38
56	Assessing sequential data assimilation techniques for integrating GRACE data into a hydrological model. <i>Advances in Water Resources</i> , 2017, 107, 301-316.	3.8	60
57	MSWEP: 3-hourly 0.25° global gridded precipitation (1979–2015) by merging gauge, satellite, and reanalysis data. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 589-615.	4.9	742
58	Using alternative soil moisture estimates in the McArthur Forest Fire Danger Index. <i>International Journal of Wildland Fire</i> , 2017, 26, 806.	2.4	19
59	Human–water interface in hydrological modelling: current status and future directions. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 4169-4193.	4.9	171
60	Global evaluation of runoff from 10 state-of-the-art hydrological models. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 2881-2903.	4.9	146
61	Global-scale evaluation of 22 precipitation datasets using gauge observations and hydrological modeling. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 6201-6217.	4.9	541
62	A global water resources ensemble of hydrological models: the earth2Observe Tier-1 dataset. <i>Earth System Science Data</i> , 2017, 9, 389-413.	9.9	169
63	Reviews and syntheses: Australian vegetation phenology: new insights from satellite remote sensing and digital repeat photography. <i>Biogeosciences</i> , 2016, 13, 5085-5102.	3.3	75
64	Global root zone storage capacity from satellite-based evaporation. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 1459-1481.	4.9	107
65	Drought in a human-modified world: reframing drought definitions, understanding, and analysis approaches. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 3631-3650.	4.9	289
66	Global-scale regionalization of hydrologic model parameters. <i>Water Resources Research</i> , 2016, 52, 3599-3622.	4.2	241
67	Deriving comprehensive forest structure information from mobile laser scanning observations using automated point cloud classification. <i>Environmental Modelling and Software</i> , 2016, 82, 142-151.	4.5	35
68	Natural hazards in Australia: droughts. <i>Climatic Change</i> , 2016, 139, 37-54.	3.6	174
69	Comparison of remotely sensed and modelled soil moisture data sets across Australia. <i>Remote Sensing of Environment</i> , 2016, 186, 479-500.	11.0	59
70	River gauging at global scale using optical and passive microwave remote sensing. <i>Water Resources Research</i> , 2016, 52, 6404-6418.	4.2	87
71	Natural hazards in Australia: floods. <i>Climatic Change</i> , 2016, 139, 21-35.	3.6	89
72	Spatio-temporal patterns of evapotranspiration from groundwater-dependent vegetation. <i>Ecohydrology</i> , 2016, 9, 1620-1629.	2.4	8

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73	Drought in the Anthropocene. <i>Nature Geoscience</i> , 2016, 9, 89-91.	12.9	537
74	Quantifying the impacts of ENSO and IOD on rain gauge and remotely sensed precipitation products over Australia. <i>Remote Sensing of Environment</i> , 2016, 172, 50-66.	11.0	60
75	Spatio-temporal evaluation of resolution enhancement for passive microwave soil moisture and vegetation optical depth. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 45, 235-244.	2.8	30
76	Reduced streamflow in water-stressed climates consistent with CO2 effects on vegetation. <i>Nature Climate Change</i> , 2016, 6, 75-78.	18.8	230
77	Earth Observations for Monitoring Water Resources. , 2016, , 79-143.		1
78	Global Maps of Streamflow Characteristics Based on Observations from Several Thousand Catchments*. <i>Journal of Hydrometeorology</i> , 2015, 16, 1478-1501.	1.9	136
79	SMOS soil moisture retrievals using the land parameter retrieval model: Evaluation over the Murrumbidgee Catchment, southeast Australia. <i>Remote Sensing of Environment</i> , 2015, 163, 70-79.	11.0	40
80	Global vegetation gross primary production estimation using satellite-derived light-use efficiency and canopy conductance. <i>Remote Sensing of Environment</i> , 2015, 163, 206-216.	11.0	43
81	Recent reversal in loss of global terrestrial biomass. <i>Nature Climate Change</i> , 2015, 5, 470-474.	18.8	447
82	Rainfall interception and the coupled surface water and energy balance. <i>Agricultural and Forest Meteorology</i> , 2015, 214-215, 402-415.	4.8	130
83	Streamflow rating uncertainty: Characterisation and impacts on model calibration and performance. <i>Environmental Modelling and Software</i> , 2015, 63, 32-44.	4.5	35
84	A global water cycle reanalysis (2003–2012) merging satellite gravimetry and altimetry observations with a hydrological multi-model ensemble. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2955-2973.	4.9	121
85	Continental satellite soil moisture data assimilation improves root-zone moisture analysis for water resources assessment. <i>Journal of Hydrology</i> , 2014, 519, 2747-2762.	5.4	108
86	How do Spatial Scale, Noise, and Reference Data affect Empirical Estimates of Error in ASAR-Derived 1 km Resolution Soil Moisture?. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 3880-3891.	4.9	4
87	Environmental reporting and accounting in Australia: Progress, prospects and research priorities. <i>Science of the Total Environment</i> , 2014, 473-474, 338-349.	8.0	28
88	Dynamic identification of summer cropping irrigated areas in a large basin experiencing extreme climatic variability. <i>Remote Sensing of Environment</i> , 2014, 154, 139-152.	11.0	42
89	Assessing the accuracy of blending Landsat–MODIS surface reflectances in two landscapes with contrasting spatial and temporal dynamics: A framework for algorithm selection. <i>Remote Sensing of Environment</i> , 2013, 133, 193-209.	11.0	290
90	Conceptual evaluation of continental land-surface model behaviour. <i>Environmental Modelling and Software</i> , 2013, 43, 49-59.	4.5	13

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91	Evaluation of forest interception estimation in the continental scale Australian Water Resources Assessment "Landscape (AWRA-L) model. <i>Journal of Hydrology</i> , 2013, 499, 210-223.	5.4	20
92	Global vegetation biomass change (1988-2008) and attribution to environmental and human drivers. <i>Global Ecology and Biogeography</i> , 2013, 22, 692-705.	5.8	149
93	The Millennium Drought in southeast Australia (2001"2009): Natural and human causes and implications for water resources, ecosystems, economy, and society. <i>Water Resources Research</i> , 2013, 49, 1040-1057.	4.2	977
94	Evaluation of optical remote sensing to estimate actual evapotranspiration and canopy conductance. <i>Remote Sensing of Environment</i> , 2013, 129, 250-261.	11.0	119
95	How Oceanic Oscillation Drives Soil Moisture Variations over Mainland Australia: An Analysis of 32 Years of Satellite Observations*. <i>Journal of Climate</i> , 2013, 26, 10159-10173.	3.2	27
96	Global patterns in base flow index and recession based on streamflow observations from 3394 catchments. <i>Water Resources Research</i> , 2013, 49, 7843-7863.	4.2	200
97	Evaluation of Precipitation Estimation Accuracy in Reanalyses, Satellite Products, and an Ensemble Method for Regions in Australia and South and East Asia. <i>Journal of Hydrometeorology</i> , 2013, 14, 1323-1333.	1.9	86
98	Toward Global Drought Early Warning Capability: Expanding International Cooperation for the Development of a Framework for Monitoring and Forecasting. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 776-785.	3.3	142
99	Global analysis of seasonal streamflow predictability using an ensemble prediction system and observations from 6192 small catchments worldwide. <i>Water Resources Research</i> , 2013, 49, 2729-2746.	4.2	105
100	The impact of forest regeneration on streamflow in 12 mesoscale humid tropical catchments. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 2613-2635.	4.9	85
101	Changing Climate and Overgrazing Are Decimating Mongolian Steppes. <i>PLoS ONE</i> , 2013, 8, e57599.	2.5	136
102	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. <i>Biogeosciences</i> , 2013, 10, 6657-6676.	3.3	158
103	Analysis of uncertainties in the inference of groundwater dynamics from gravity recovery and climate experiment observations over Australia. , 2012, , .		0
104	Advancing data assimilation in operational hydrologic forecasting: progresses, challenges, and emerging opportunities. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3863-3887.	4.9	350
105	Evaluation and bias correction of satellite rainfall data for drought monitoring in Indonesia. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 133-146.	4.9	128
106	A review of historic and future hydrological changes in the Murray-Darling Basin. <i>Global and Planetary Change</i> , 2012, 80-81, 226-246.	3.5	252
107	Evaluation of the predicted error of the soil moisture retrieval from C-band SAR by comparison against modelled soil moisture estimates over Australia. <i>Remote Sensing of Environment</i> , 2012, 120, 188-196.	11.0	51
108	Trend-preserving blending of passive and active microwave soil moisture retrievals. <i>Remote Sensing of Environment</i> , 2012, 123, 280-297.	11.0	670

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109	Upscaling latent heat flux for thermal remote sensing studies: Comparison of alternative approaches and correction of bias. <i>Journal of Hydrology</i> , 2012, 468-469, 35-46.	5.4	64
110	Land cover and water yield: inference problems when comparing catchments with mixed land cover. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3461-3473.	4.9	38
111	Space-based passive microwave soil moisture retrievals and the correction for a dynamic open water fraction. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 1635-1645.	4.9	27
112	Detecting changes in streamflow after partial woodland clearing in two large catchments in the seasonal tropics. <i>Journal of Hydrology</i> , 2012, 416-417, 60-71.	5.4	58
113	GEOSS workshop XL: Managing drought through earth observation. , 2011, , .		0
114	Global long-term passive microwave satellite-based retrievals of vegetation optical depth. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	222
115	Use of Gravity Recovery and Climate Experiment terrestrial water storage retrievals to evaluate model estimates by the Australian water resources assessment system. <i>Water Resources Research</i> , 2011, 47, .	4.2	49
116	Water resource monitoring systems and the role of satellite observations. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 39-55.	4.9	143
117	Developing an improved soil moisture dataset by blending passive and active microwave satellite-based retrievals. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 425-436.	4.9	572
118	Correcting for systematic error in satellite-derived latent heat flux due to assumptions in temporal scaling: Assessment from flux tower observations. <i>Journal of Hydrology</i> , 2011, 409, 140-148.	5.4	57
119	Actual evapotranspiration estimation by ground and remote sensing methods: the Australian experience. <i>Hydrological Processes</i> , 2011, 25, 4103-4116.	2.6	77
120	Global evaluation of four AVHRRâ€œNDVI data sets: Intercomparison and assessment against Landsat imagery. <i>Remote Sensing of Environment</i> , 2011, 115, 2547-2563.	11.0	273
121	Observing, monitoring and forecasting drought developments in Australia. , 2011, , .		0
122	Climate and terrain factors explaining streamflow response and recession in Australian catchments. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 159-169.	4.9	76
123	The role of climatic and terrain attributes in estimating baseflow recession in tropical catchments. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 2193-2205.	4.9	51
124	Selection of an appropriately simple storm runoff model. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 447-458.	4.9	33
125	Influence of cracking clays on satellite estimated and model simulated soil moisture. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 979-990.	4.9	24
126	Scaling of potential evapotranspiration with MODIS data reproduces flux observations and catchment water balance observations across Australia. <i>Journal of Hydrology</i> , 2009, 369, 107-119.	5.4	216

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127	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
128	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€“H. Peh and B.W. Brook. Global Change Biology, 2009, 15, 110-115.	9.5	91
129	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
130	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
131	Impacts of fire on forest age and runoff in mountain ash forests â€” RETRACTED. Functional Plant Biology, 2008, 35, 483.	2.1	16
132	Planted forests and water in perspective. Forest Ecology and Management, 2007, 251, 1-9.	3.2	326
133	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
134	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
135	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
136	A two-parameter exponential rainfall depth-intensity distribution applied to runoff and erosion modelling. Journal of Hydrology, 2005, 300, 155-171.	5.4	27
137	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
138	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
139	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
140	Estimates of CO2 uptake and release among European forests based on eddy covariance data. Global Change Biology, 2004, 10, 1445-1459.	9.5	67
141	Stormflow generation in a small rainforest catchment in the Luquillo Experimental Forest, Puerto Rico. Hydrological Processes, 2004, 18, 505-530.	2.6	108
142	Ecohydrology: it's all in the game?. Hydrological Processes, 2004, 18, 3683-3686.	2.6	10
143	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
144	Micrometeorology and water use of mixed crops in upland West Java, Indonesia. Agricultural and Forest Meteorology, 2004, 124, 31-49.	4.8	18

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145	A methodology to study rain splash and wash processes under natural rainfall. Hydrological Processes, 2003, 17, 153-167.	2.6	62
146	Measurements of rain splash on bench terraces in a humid tropical steepland environment. Hydrological Processes, 2003, 17, 513-535.	2.6	31
147	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
148	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
149	Rainfall intensityâ€“kinetic energy relationships: a critical literature appraisal. Journal of Hydrology, 2002, 261, 1-23.	5.4	376
150	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
151	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
152	Comparison of vegetation indices derived from NOAA/AVHRR data for Sahelian crop assessments. Agricultural and Forest Meteorology, 1989, 46, 23-40.	4.8	5
153	Water resources, climate change and energy. , 0, , 6-27.		1
154	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