

R C Bales

List of Publications by Year in descending order

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146
papers

8,549
citations

31902

53
h-index

53109

85
g-index

164
all docs

164
docs citations

164
times ranked

7084
citing authors

#	ARTICLE	IF	CITATIONS
1	Mountain hydrology of the western United States. <i>Water Resources Research</i> , 2006, 42, .	1.7	521
2	Estimating Stream Temperature from Air Temperature: Implications for Future Water Quality. <i>Journal of Environmental Engineering, ASCE</i> , 2005, 131, 139-146.	0.7	271
3	Bacteriophage adsorption during transport through porous media: chemical perturbations and reversibility. <i>Environmental Science & Technology</i> , 1991, 25, 2088-2095.	4.6	249
4	California forest die-off linked to multi-year deep soil drying in 2012–2015 drought. <i>Nature Geoscience</i> , 2019, 12, 632-637.	5.4	212
5	Soil Moisture Response to Snowmelt and Rainfall in a Sierra Nevada Mixed–Conifer Forest. <i>Vadose Zone Journal</i> , 2011, 10, 786-799.	1.3	203
6	Elevation-dependent influence of snow accumulation on forest greening. <i>Nature Geoscience</i> , 2012, 5, 705-709.	5.4	187
7	Confidence Builders: Evaluating Seasonal Climate Forecasts from User Perspectives. <i>Bulletin of the American Meteorological Society</i> , 2002, 83, 683-698.	1.7	168
8	Mountain runoff vulnerability to increased evapotranspiration with vegetation expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14071-14075.	3.3	167
9	Evapotranspiration along an elevation gradient in California's Sierra Nevada. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	165
10	Estimating the spatial distribution of snow water equivalent in an alpine basin using binary regression tree models: the impact of digital elevation data and independent variable selection. <i>Hydrological Processes</i> , 2005, 19, 1459-1479.	1.1	163
11	Scaling snow observations from the point to the grid element: Implications for observation network design. <i>Water Resources Research</i> , 2005, 41, .	1.7	157
12	Estimating the spatial distribution of snow in mountain basins using remote sensing and energy balance modeling. <i>Water Resources Research</i> , 1998, 34, 1275-1285.	1.7	152
13	Bacteriophage Transport in Sandy Soil and Fractured Tuff. <i>Applied and Environmental Microbiology</i> , 1989, 55, 2061-2067.	1.4	145
14	Critical Zone Observatories: Building a network to advance interdisciplinary study of Earth surface processes. <i>Mineralogical Magazine</i> , 2008, 72, 7-10.	0.6	143
15	MS-2 and poliovirus transport in porous media: Hydrophobic effects and chemical perturbations. <i>Water Resources Research</i> , 1993, 29, 957-963.	1.7	141
16	Atmosphere-to-snow-to-firn transfer studies of HCHO at Summit, Greenland. <i>Geophysical Research Letters</i> , 1999, 26, 1691-1694.	1.5	139
17	Dissolution kinetics of chrysotile at pH 7 to 10. <i>Geochimica Et Cosmochimica Acta</i> , 1985, 49, 2281-2288.	1.6	132
18	Snow water equivalent interpolation for the Colorado River Basin from snow telemetry (SNOTEL) data. <i>Water Resources Research</i> , 2003, 39, .	1.7	131

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19	Bacterial transport in laboratory columns and filters: Influence of ionic strength and pH on collision efficiency. <i>Water Research</i> , 1995, 29, 1673-1680.	5.3	125
20	Annual accumulation for Greenland updated using ice core data developed during 2000–2006 and analysis of daily coastal meteorological data. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	123
21	Verification of National Weather Service Ensemble Streamflow Predictions for Water Supply Forecasting in the Colorado River Basin. <i>Journal of Hydrometeorology</i> , 2003, 4, 1105-1118.	0.7	119
22	Bacteriophage and microsphere transport in saturated porous media: Forced-gradient experiment at Borden, Ontario. <i>Water Resources Research</i> , 1997, 33, 639-648.	1.7	113
23	Snowmelt Runoff and Water Yield Along Elevation and Temperature Gradients in California's Southern Sierra Nevada. <i>Journal of the American Water Resources Association</i> , 2012, 48, 667-678.	1.0	105
24	Effect of Temperature-Controlled Motility on Transport of Bacteria and Microspheres Through Saturated Sediment. <i>Water Resources Research</i> , 1995, 31, 271-280.	1.7	100
25	Fluxes and transformations of nitrogen in a high-elevation catchment, Sierra Nevada. <i>Biogeochemistry</i> , 1995, 28, 1-31.	1.7	98
26	Mechanisms controlling the impact of multi-year drought on mountain hydrology. <i>Scientific Reports</i> , 2018, 8, 690.	1.6	97
27	Soil moisture response to snowmelt timing in mixed-conifer subalpine forests. <i>Hydrological Processes</i> , 2015, 29, 2782-2798.	1.1	92
28	Designing a network of critical zone observatories to explore the living skin of the terrestrial Earth. <i>Earth Surface Dynamics</i> , 2017, 5, 841-860.	1.0	92
29	Ion elution through shallow homogeneous snow. <i>Water Resources Research</i> , 1989, 25, 1869-1877.	1.7	90
30	Subsurface plant-accessible water in mountain ecosystems with a Mediterranean climate. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1277.	2.8	90
31	Use of short-pulse experiments to study bacteria transport through porous media. <i>Journal of Contaminant Hydrology</i> , 1994, 15, 1-14.	1.6	88
32	Formaldehyde and hydrogen peroxide in air, snow and interstitial air at South Pole. <i>Atmospheric Environment</i> , 2004, 38, 5439-5450.	1.9	88
33	A field example of bacteriophage as tracers of fracture flow. <i>Environmental Science & Technology</i> , 1993, 27, 1075-1079.	4.6	86
34	SNOTEL representativeness in the Rio Grande headwaters on the basis of physiographics and remotely sensed snow cover persistence. <i>Hydrological Processes</i> , 2006, 20, 723-739.	1.1	83
35	Snow water equivalent along elevation gradients in the Merced and Tuolumne River basins of the Sierra Nevada. <i>Water Resources Research</i> , 2011, 47, .	1.7	82
36	Evaluation of gridded snow water equivalent and satellite snow cover products for mountain basins in a hydrologic model. <i>Hydrological Processes</i> , 2006, 20, 673-688.	1.1	81

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37	LiDAR measurement of seasonal snow accumulation along an elevation gradient in the southern Sierra Nevada, California. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 4261-4275.	1.9	79
38	Changes in Greenland ice sheet elevation attributed primarily to snow accumulation variability. <i>Nature</i> , 2000, 406, 877-879.	13.7	76
39	LiDAR-derived snowpack data sets from mixed conifer forests across the Western United States. <i>Water Resources Research</i> , 2014, 50, 2749-2755.	1.7	75
40	Influence of canopy structure and direct beam solar irradiance on snowmelt rates in a mixed conifer forest. <i>Agricultural and Forest Meteorology</i> , 2012, 161, 46-56.	1.9	74
41	Effect of pH on bacteriophage transport through sandy soils. <i>Journal of Contaminant Hydrology</i> , 1993, 14, 55-70.	1.6	73
42	Comparative Analyses of Physically Based Snowmelt Models for Climate Simulations. <i>Journal of Climate</i> , 1999, 12, 2643-2657.	1.2	73
43	Impact of temperature-driven cycling of hydrogen peroxide (H ₂ O ₂) between air and snow on the planetary boundary layer. <i>Journal of Geophysical Research</i> , 2001, 106, 15395-15404.	3.3	73
44	Incorporating remotely-sensed snow albedo into a spatially-distributed snowmelt model. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	71
45	A two-component hydrograph separation for three high-elevation catchments in the Sierra Nevada, California. <i>Hydrological Processes</i> , 2004, 18, 1721-1733.	1.1	69
46	Design and performance of a wireless sensor network for catchment-scale snow and soil moisture measurements. <i>Water Resources Research</i> , 2012, 48, .	1.7	67
47	Sensitivity of hydrogen peroxide (H ₂ O ₂) and formaldehyde (HCHO) preservation in snow to changing environmental conditions: Implications for ice core records. <i>Journal of Geophysical Research</i> , 2003, 108, ACH 6-1.	3.3	66
48	Spatial and temporal variability in snow accumulation at the West Antarctic Ice Sheet Divide over recent centuries. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	65
49	Seasonal and interannual variation of streamflow pathways and biogeochemical implications in semi-arid, forested catchments in Valles Caldera, New Mexico. <i>Ecohydrology</i> , 2008, 1, 239-252.	1.1	64
50	Bacteria transport in a porous medium: Retention of bacillus and pseudomonas on silica surfaces. <i>Water Research</i> , 1993, 27, 1295-1301.	5.3	61
51	Atmospheric hydroperoxides in West Antarctica: Links to stratospheric ozone and atmospheric oxidation capacity. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	61
52	Embedded sensor network design for snow cover measurements around snow pillow and snow course sites in the Sierra Nevada of California. <i>Water Resources Research</i> , 2010, 46, .	1.7	61
53	Transport of <i>Pseudomonas fluorescens</i> strain P17 through quartz sand columns as a function of water content. <i>Journal of Contaminant Hydrology</i> , 1999, 36, 73-89.	1.6	56
54	Estimating the distribution of snow water equivalent and snow extent beneath cloud cover in the Salt Verde River basin, Arizona. <i>Hydrological Processes</i> , 2004, 18, 1595-1611.	1.1	56

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55	Streamflow generation from snowmelt in semi-arid, seasonally snow-covered, forested catchments, Valles Caldera, New Mexico. <i>Water Resources Research</i> , 2008, 44, .	1.7	56
56	Energy and water co-benefits from covering canals with solar panels. <i>Nature Sustainability</i> , 2021, 4, 609-617.	11.5	54
57	Ionic tracer movement through a Wyoming snowpack. <i>Atmospheric Environment Part A General Topics</i> , 1990, 24, 2749-2758.	1.3	52
58	Survival of Bacteriophages MS-2 and PRD-1 in Ground Water. <i>Water Science and Technology</i> , 1993, 27, 409-412.	1.2	52
59	Measurement of bacterial collision efficiencies in porous media. <i>Water Research</i> , 1995, 29, 1151-1158.	5.3	52
60	Comparison of ground-based and airborne snow surface albedo parameterizations in an alpine watershed: Impact on snowpack mass balance. <i>Water Resources Research</i> , 2006, 42, .	1.7	51
61	Controls of streamflow generation in small catchments across the snow-rain transition in the Southern Sierra Nevada, California. <i>Hydrological Processes</i> , 2013, 27, 1959-1972.	1.1	49
62	Topographic and vegetation effects on snow accumulation in the southern Sierra Nevada: a statistical summary from lidar data. <i>Cryosphere</i> , 2016, 10, 257-269.	1.5	49
63	Climate sensitivity of the century-scale hydrogen peroxide (H ₂ O ₂) record preserved in 23 ice cores from West Antarctica. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	46
64	Forest thinning impacts on the water balance of Sierra Nevada mixed-conifer headwater basins. <i>Water Resources Research</i> , 2017, 53, 5364-5381.	1.7	46
65	Tracer release in melting snow: Diurnal and seasonal patterns. <i>Hydrological Processes</i> , 1993, 7, 389-401.	1.1	44
66	Estimating evapotranspiration change due to forest treatment and fire at the basin scale in the Sierra Nevada, California. <i>Ecohydrology</i> , 2018, 11, e1978.	1.1	44
67	H ₂ O ₂ in snow, air and open pore space in firn at Summit, Greenland. <i>Geophysical Research Letters</i> , 1995, 22, 1261-1264.	1.5	43
68	A Comparison of Snow Telemetry and Snow Course Measurements in the Colorado River Basin. <i>Journal of Hydrometeorology</i> , 2006, 7, 705-712.	0.7	43
69	Climate elasticity of evapotranspiration shifts the water balance of Mediterranean climates during multi-year droughts. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 4317-4337.	1.9	41
70	Simulation of snow mass and extent in general circulation models. <i>Hydrological Processes</i> , 1999, 13, 2097-2113.	1.1	40
71	Seasonal accumulation timing and preservation of nitrate in firn at Summit, Greenland. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	40
72	Modeling ionic solute transport in melting snow. <i>Water Resources Research</i> , 1998, 34, 1727-1736.	1.7	39

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73	Southern Sierra Critical Zone Observatory and Kings River Experimental Watersheds: A Synthesis of Measurements, New Insights, and Future Directions. <i>Vadose Zone Journal</i> , 2018, 17, 180081.	1.3	39
74	Technical report: The design and evaluation of a basin-scale wireless sensor network for mountain hydrology. <i>Water Resources Research</i> , 2017, 53, 4487-4498.	1.7	38
75	Development of a Hydrochemical Model for Seasonally Snow-Covered Alpine Watersheds: Application to Emerald Lake Watershed, Sierra Nevada, California. <i>Water Resources Research</i> , 1996, 32, 1061-1074.	1.7	37
76	Coagulation of submicron colloids in water treatment by incorporation into aluminum hydroxide floc. <i>Environmental Science & Technology</i> , 1991, 25, 1766-1773.	4.6	35
77	Evapotranspiration response to multiyear dry periods in the semiarid western United States. <i>Hydrological Processes</i> , 2019, 33, 182-194.	1.1	35
78	Sorption kinetics of low-molecular-weight hydrophobic organic compounds on surface-modified silica. <i>Journal of Contaminant Hydrology</i> , 1989, 4, 181-203.	1.6	33
79	Insights into mountain precipitation and snowpack from a basin-scale wireless sensor network. <i>Water Resources Research</i> , 2017, 53, 6626-6641.	1.7	32
80	Stream chemistry modeling of two watersheds in the Front Range, Colorado. <i>Water Resources Research</i> , 2000, 36, 77-87.	1.7	31
81	Accumulation map for the Greenland Ice Sheet: 1971-1990. <i>Geophysical Research Letters</i> , 2001, 28, 2967-2970.	1.5	31
82	Evapotranspiration Mapping for Forest Management in California's Sierra Nevada. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	1.0	31
83	Weather, climate, and hydrologic forecasting for the US Southwest: a survey. <i>Climate Research</i> , 2002, 21, 239-258.	0.4	31
84	Wildfire controls on evapotranspiration in California's Sierra Nevada. <i>Journal of Hydrology</i> , 2020, 590, 125364.	2.3	30
85	Interannual, seasonal, and spatial patterns of meltwater and solute fluxes in a seasonal snowpack. <i>Water Resources Research</i> , 1998, 34, 823-831.	1.7	29
86	Long-Term Variability of Soil Moisture in the Southern Sierra: Measurement and Prediction. <i>Vadose Zone Journal</i> , 2018, 17, 1-9.	1.3	29
87	Physically based inversion of surface snow concentrations of H ₂ O ₂ to atmospheric concentrations at South Pole. <i>Geophysical Research Letters</i> , 1997, 24, 441-444.	1.5	28
88	Influence of North Atlantic Oscillation on anthropogenic transport recorded in northwest Greenland ice cores. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	26
89	Diel variations of H ₂ O ₂ in Greenland: A discussion of the cause and effect relationship. <i>Journal of Geophysical Research</i> , 1995, 100, 18661.	3.3	25
90	Seasonal water dynamics of a sky island subalpine forest in semi-arid southwestern United States. <i>Journal of Arid Environments</i> , 2007, 69, 237-258.	1.2	25

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91	Contrasting atmospheric boundary layer chemistry of methylhydroperoxide (CH ₃ OOH) and hydrogen peroxide (H ₂ O ₂) above polar snow. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3261-3276.	1.9	25
92	Surface charge and adsorption properties of chrysotile asbestos in natural waters. <i>Environmental Science & Technology</i> , 1985, 19, 1213-1219.	4.6	24
93	Emerging Stress and Relative Resiliency of Giant Sequoia Groves Experiencing Multiyear Dry Periods in a Warming Climate. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 3063-3075.	1.3	24
94	Integrated Assessment as a Step Toward Reducing Climate Vulnerability in the Southwestern United States. <i>Bulletin of the American Meteorological Society</i> , 2004, 85, 1727-1734.	1.7	23
95	Influence of shifting flow paths on nitrogen concentrations during monsoon floods, San Pedro River, Arizona. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	23
96	Fuels treatment and wildfire effects on runoff from Sierra Nevada mixed-conifer forests. <i>Ecohydrology</i> , 2020, 13, e2151.	1.1	23
97	VARIABILITY OF MELTWATER AND SOLUTE FLUXES FROM HOMOGENEOUS MELTING SNOW AT THE LABORATORY SCALE. <i>Hydrological Processes</i> , 1996, 10, 945-953.	1.1	22
98	Spatial variability of snow chemistry in an alpine snowpack, southern Wyoming. <i>Water Resources Research</i> , 2003, 39, .	1.7	22
99	Optimizing embedded sensor network design for catchment-scale snow-depth estimation using LiDAR and machine learning. <i>Water Resources Research</i> , 2016, 52, 8174-8189.	1.7	22
100	Spatial snow water equivalent estimation for mountainous areas using wireless-sensor networks and remote-sensing products. <i>Remote Sensing of Environment</i> , 2018, 215, 44-56.	4.6	22
101	Recent progress in snow hydrology. <i>Reviews of Geophysics</i> , 1995, 33, 1011-1020.	9.0	21
102	Fractional snow cover in the Colorado and Rio Grande basins, 1995-2002. <i>Water Resources Research</i> , 2008, 44, .	1.7	20
103	Multidecadal hydrochemical response of a Sierra Nevada watershed: sensitivity to weathering rate and changes in deposition. <i>Journal of Hydrology</i> , 2004, 285, 272-285.	2.3	19
104	Temporal inconsistencies in coarse-scale snow water equivalent patterns: Colorado River Basin snow telemetry-topography regressions. <i>Pirineos</i> , 2012, 167, 165-185.	0.6	19
105	Sensor placement strategies for snow water equivalent (SWE) estimation in the American River basin. <i>Water Resources Research</i> , 2013, 49, 891-903.	1.7	18
106	Spatially distributed water-balance and meteorological data from the rain-snow transition, southern Sierra Nevada, California. <i>Earth System Science Data</i> , 2018, 10, 1795-1805.	3.7	18
107	Hydrochemical modeling of Emerald Lake watershed, Sierra Nevada, California: Sensitivity of stream chemistry to changes in fluxes and model parameters. <i>Limnology and Oceanography</i> , 1996, 41, 947-954.	1.6	17
108	Title is missing!. <i>Biogeochemistry</i> , 2003, 62, 289-308.	1.7	17

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109	Skill Assessment of Water Supply Forecasts for Western Sierra Nevada Watersheds. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	0.8	17
110	Spatial statistics of snowmelt flow: Data from lysimeters and aerial photos. <i>Geophysical Research Letters</i> , 1994, 21, 2821-2824.	1.5	16
111	Wireless Sensor Networks for Improved Snow Water Equivalent and Runoff Estimates. <i>IEEE Access</i> , 2019, 7, 18420-18436.	2.6	16
112	The influence of regional circulation patterns on wet and dry mineral dust and sea salt deposition over Greenland. <i>Climate Dynamics</i> , 2007, 28, 635-647.	1.7	15
113	Valuing year-to-year hydrologic forecast improvements for a peaking hydropower system in the Sierra Nevada. <i>Water Resources Research</i> , 2016, 52, 3815-3828.	1.7	15
114	Canopy Effects on Snow Accumulation: Observations from Lidar, Canonical-View Photos, and Continuous Ground Measurements from Sensor Networks. <i>Remote Sensing</i> , 2018, 10, 1769.	1.8	15
115	Canopy and Terrain Interactions Affecting Snowpack Spatial Patterns in the Sierra Nevada of California. <i>Water Resources Research</i> , 2019, 55, 8721-8739.	1.7	15
116	Variability of accumulation in northwest Greenland over the past 250 years. <i>Geophysical Research Letters</i> , 2001, 28, 2679-2682.	1.5	14
117	Atmospheric nitric oxide and ozone at the WAIS Divide deep coring site: a discussion of local sources and transport in West Antarctica. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8857-8877.	1.9	14
118	Information content of spatially distributed ground-based measurements for hydrologic-parameter calibration in mixed rain-snow mountain headwaters. <i>Journal of Hydrology</i> , 2020, 582, 124478.	2.3	14
119	Detecting Rain-to-Snow-Transition Elevations in Mountain Basins Using Wireless Sensor Networks. <i>Journal of Hydrometeorology</i> , 2020, 21, 2061-2081.	0.7	13
120	Drivers of drought-induced shifts in the water balance through a Budyko approach. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 589-607.	1.9	13
121	In situ Raman Spectroscopy of Aza-Arenes Adsorbed at the Aqueous/Silica Interface. <i>Applied Spectroscopy</i> , 1994, 48, 1043-1053.	1.2	11
122	Importance of biogeochemical processes in modeling stream chemistry in two watersheds in the Sierra Nevada, California. <i>Water Resources Research</i> , 1998, 34, 3121-3133.	1.7	11
123	Aircraft observations of surface-atmosphere exchange during and after snow melt for different arctic environments: MAGS 1999. <i>Hydrological Processes</i> , 2001, 15, 3585-3602.	1.1	11
124	A brief history and mission of SAHRA: a National Science Foundation Science and Technology Center on ?sustainability of semi-arid hydrology and riparian areas?. <i>Hydrological Processes</i> , 2002, 16, 3293-3295.	1.1	10
125	Seasonal Accumulation and Depletion of Local Sediment Stores of Four Headwater Catchments. <i>Water (Switzerland)</i> , 2014, 6, 2144-2163.	1.2	10
126	Assessing multi-year-drought vulnerability in dense Mediterranean-climate forests using water-balance-based indicators. <i>Journal of Hydrology</i> , 2022, 606, 127431.	2.3	10

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127	Comment on "Application of clean-bed filtration theory to bacterial deposition in porous media". Environmental Science & Technology, 1993, 27, 984-985.	4.6	9
128	Geographic variability of nitrate deposition and preservation over the Greenland Ice Sheet. Journal of Geophysical Research, 2009, 114, .	3.3	9
129	Management Implications of Snowpack Sensitivity to Temperature and Atmospheric Moisture Changes in Yosemite National Park, CA. Journal of the American Water Resources Association, 2018, 54, 724-741.	1.0	9
130	Estimated Loss of Snowpack Storage in the Eastern Sierra Nevada with Climate Warming. Journal of Water Resources Planning and Management - ASCE, 2015, 141, .	1.3	6
131	Skill Assessment of Water Supply Outlooks in the Colorado River Basin. Hydrology, 2015, 2, 112-131.	1.3	5
132	Assessing the effects of forest biomass reductions on forest health and streamflow. Hydrological Processes, 2021, 35, e14114.	1.1	5
133	Mechanisms Controlling Carbon Sinks in Semi-Arid Mountain Ecosystems. Global Biogeochemical Cycles, 2022, 36, .	1.9	5
134	Temporal and spatial variability of cation and silica export in an alpine watershed, Emerald Lake, California. Hydrological Processes, 2004, 18, 1759-1776.	1.1	4
135	Optimizing spatial distribution of watershed-scale hydrologic models using Gaussian Mixture Models. Environmental Modelling and Software, 2021, 142, 105076.	1.9	4
136	Evapotranspiration and Runoff Patterns Across California's Sierra Nevada. Frontiers in Water, 2021, 3, .	1.0	4
137	Impacts of climate and disturbance on nutrient fluxes and stoichiometry in mixed-conifer forests. Biogeochemistry, 2022, 158, 1-20.	1.7	4
138	Precipitation Estimates and Orographic Gradients Using Snow, Temperature, and Humidity Measurements From a Wireless Sensor Network. Water Resources Research, 2022, 58, .	1.7	4
139	Hydrologic Response of Sierra Nevada Mixed-Conifer Headwater Catchments to Vegetation Treatments and Wildfire in a Warming Climate. Frontiers in Forests and Global Change, 2020, 3, .	1.0	3
140	Potential of Balloon Photogrammetry for Spatially Continuous Snow Depth Measurements. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1667-1671.	1.4	3
141	Climate, snow, and soil moisture data set for the Tuolumne and Merced river watersheds, California, USA. Earth System Science Data, 2019, 11, 101-110.	3.7	3
142	Estimation of Daily Spatial Snow Water Equivalent from Historical Snow Maps and Limited In-Situ Measurements. Hydrology, 2020, 7, 46.	1.3	2
143	Dependence of Acridine Adsorption on Ligand Hydration Enthalpy. Journal of Colloid and Interface Science, 1994, 168, 61-66.	5.0	1
144	Valuing Enhanced Hydrologic Data and Forecasting for Informing Hydropower Operations. Water (Switzerland), 2021, 13, 2260.	1.2	1

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145	Reservoir Operators React to Uncertainty in Snowmelt Runoff Forecasts. Journal of Water Resources Planning and Management - ASCE, 2021, 147, 06021010.	1.3	1
146	Spatially distributed water-balance and meteorological data from the Wolverton catchment, Sequoia National Park, California. Earth System Science Data, 2018, 10, 2115-2122.	3.7	1