

# Earl Bardsley

## List of Publications by Year in descending order

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58  
papers

766  
citations

840585

11  
h-index

552653

26  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1191  
citing authors

#	ARTICLE	IF	CITATIONS
1	The bounded inverse Weibull distribution: An extreme value alternative for application to environmental maxima?. <i>Watershed Ecology and the Environment</i> , 2021, 3, 57-63.	0.6	0
2	Inconsistencies in Yangtze River annual maxima analyses. <i>Natural Hazards</i> , 2020, 103, 2613-2615.	1.6	0
3	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. <i>Hydrological Sciences Journal</i> , 2019, 64, 1141-1158.	1.2	474
4	Line mesh distributions: an alternative approach for multivariate environmental extremes. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 633-643.	1.9	0
5	A finite mixture approach to univariate data simulation with moment matching. <i>Environmental Modelling and Software</i> , 2017, 90, 27-33.	1.9	3
6	Note on a modified return period scale for upper-truncated unbounded flood distributions. <i>Journal of Hydrology</i> , 2017, 544, 452-455.	2.3	0
7	Cautionary note on multicomponent flood distributions for annual maxima. <i>Hydrological Processes</i> , 2016, 30, 3730-3732.	1.1	3
8	Note on the hypergeometric distribution as an invalidation test for binary forecasts. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 1059-1061.	1.9	3
9	Toward creating simpler hydrological models: A LASSO subset selection approach. <i>Environmental Modelling and Software</i> , 2015, 72, 33-43.	1.9	15
10	A goodness of fit measure related to $\chi^2$ for model performance assessment. <i>Hydrological Processes</i> , 2013, 27, 2851-2856.	1.1	8
11	Technical note: A significance test for data-sparse zones in scatter plots. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 1255-1257.	1.9	3
12	Seasonal prediction of lake inflows and rainfall in a hydroelectricity catchment, Waitaki river, New Zealand. <i>International Journal of Climatology</i> , 2010, 30, 372-389.	1.5	13
13	A Simple Graphical Technique for Conditional Long Range Forecasting of Below-Average Rainfall Periods in the Tuvalu Islands, Western Pacific. <i>Natural Resources Research</i> , 2009, 18, 277-283.	2.2	1
14	The Sustainable Global Energy Economy: Hydrogen or Silicon?. <i>Natural Resources Research</i> , 2008, 17, 197-204.	2.2	14
15	An expression for land surface water storage monitoring using a two-formation geological weighing lysimeter. <i>Journal of Hydrology</i> , 2007, 335, 240-246.	2.3	13
16	An invalidation test for predictive models. <i>Journal of Hydrology</i> , 2007, 338, 57-62.	2.3	10
17	Note on $\gamma$ -truncation: A simple approach to generating bounded distributions for environmental applications. <i>Advances in Water Resources</i> , 2007, 30, 113-117.	1.7	2
18	A rainfall loading response recorded at 300 meters depth: Implications for geological weighing lysimeters. <i>Journal of Hydrology</i> , 2006, 319, 237-244.	2.3	19

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19	Temporal moments of a tracer pulse in a perfectly parallel flow system. <i>Advances in Water Resources</i> , 2003, 26, 599-607.	1.7	18
20	Title is missing!. <i>Natural Resources Research</i> , 2002, 11, 197-206.	2.2	0
21	Title is missing!. <i>Natural Resources Research</i> , 2000, 9, 147-156.	2.2	12
22	Recording rainfall stratigraphy: a modified storage gauge for measuring rainfall events. <i>Journal of Hydrology</i> , 1999, 216, 137-144.	2.3	0
23	A significance test for empty corners in scatter diagrams. <i>Journal of Hydrology</i> , 1999, 219, 1-6.	2.3	7
24	An experiment in subjective graphical quantile estimation applied to the generalized extreme value distribution. <i>Hydrological Sciences Journal</i> , 1999, 44, 399-405.	1.2	0
25	Comment on "A Stochastic Model Relating Rainfall Intensity to Raindrop Processes" by J. A. Smith and R. D. De Veaux. <i>Water Resources Research</i> , 1995, 31, 1607-1609.	1.7	2
26	Power from groundwater. <i>Journal of Hydrology</i> , 1994, 162, 191-196.	2.3	0
27	A new method for measuring near-surface moisture budgets in hydrological systems. <i>Journal of Hydrology</i> , 1994, 154, 245-254.	2.3	17
28	Against objective statistical analysis of hydrological extremes. <i>Journal of Hydrology</i> , 1994, 162, 429-431.	2.3	6
29	Graphical estimation of the Theis drawdown function. <i>Journal of Hydrology</i> , 1991, 128, 357-367.	2.3	2
30	Estimating work-magnitude associations in earth surface processes. <i>Mathematical Geosciences</i> , 1991, 23, 591-608.	0.9	2
31	Some thoughts on the automated generation and selection of hypotheses in the earth sciences. <i>Mathematical Geosciences</i> , 1991, 23, 241-256.	0.9	1
32	Estimating future sea level extremes under conditions of sea level rise. <i>Coastal Engineering</i> , 1990, 14, 295-303.	1.7	4
33	Reliability based time axes for flood data presentation. <i>Journal of Hydrology</i> , 1990, 119, 389-391.	2.3	1
34	A simple parameter-free flood magnitude estimator. <i>Hydrological Sciences Journal</i> , 1989, 34, 129-137.	1.2	8
35	Graphical estimation of extreme value prediction functions. <i>Journal of Hydrology</i> , 1989, 110, 315-321.	2.3	10
36	Using historical data in nonparametric flood estimation. <i>Journal of Hydrology</i> , 1989, 108, 249-255.	2.3	23

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37	Transformations for improved convergence of distributions of flood maxima to a Gumbel limit. Journal of Hydrology, 1987, 91, 137-152.	2.3	8
38	A simple recursive formula to replace Wilson's graphical lake routing. Journal of Hydrology, 1987, 91, 371-372.	2.3	0
39	Least-squares estimation of equation parameters for predicting drawdown from a single pumped well. Journal of Hydrology, 1987, 93, 153-161.	2.3	0
40	A detail-preserving smoothing technique with application to high-resolution ocean core data. Computers and Geosciences, 1987, 13, 433-438.	2.0	0
41	Note on selecting an optimum raingauge subset. Journal of Hydrology, 1985, 76, 197-201.	2.3	4
42	An improved method of least-squares parameter estimation with pumping-test data. Journal of Hydrology, 1985, 80, 271-281.	2.3	16
43	Note on fitting quantitative models of magmatic processes to trace-element data. Computers and Geosciences, 1984, 10, 445-448.	2.0	3
44	Note on estimating the unit hydrograph (effective rainfall unknown). Journal of Hydrology, 1984, 73, 383-388.	2.3	0
45	Note on the form of distributions of precipitation totals. Journal of Hydrology, 1984, 73, 187-191.	2.3	3
46	Conservative estimation of groundwater volumes: Application of linear programming to tritium data. Journal of Hydrology, 1984, 67, 183-193.	2.3	1
47	A General Model for Temperature of Heterogeneous Nucleation of Supercooled Water Droplets. Journals of the Atmospheric Sciences, 1984, 41, 856-862.	0.6	3
48	Water Vapor Transfer over the Southwest Pacific: Mean Patterns and Variations during Wet and Dry Periods. Monthly Weather Review, 1984, 112, 1960-1976.	0.5	2
49	Bounds for survival probability with low-magnitude design floods. Journal of Hydrology, 1983, 62, 371-373.	2.3	0
50	An alternative distribution for describing the instantaneous unit hydrograph. Journal of Hydrology, 1983, 62, 375-378.	2.3	5
51	Regression-Based Estimation of Long-Term Mean and Variance of Wind Speed at Potential Aerogenerator Sites. Journal of Climate and Applied Meteorology, 1983, 22, 323-327.	1.0	3
52	Note on two limit distributions of bedload movement. Journal of Hydrology, 1981, 52, 165-169.	2.3	1
53	Note On The Time To Flood Exceedance. Journal of Hydrology, 1981, 49, 395-399.	2.3	2
54	An algorithm for calculating an upper bound to $x^2$ for testing binomial homogeneity with some observations uncategorized. Computers and Geosciences, 1980, 6, 315-319.	2.0	1

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55	Note on the application of classical extreme value theory to flood data. Journal of Hydrology, 1979, 42, 195-198.	2.3	1
56	Note on the distribution of flood maxima for random sample size. Journal of Hydrology, 1979, 42, 187-193.	2.3	4
57	A test for distinguishing between extreme value distributions. Journal of Hydrology, 1977, 34, 377-381.	2.3	11
58	Modified Technique for staining feldspar in grain mounts (Note). New Zealand Journal of Geology, and Geophysics, 1975, 18, 515-518.	1.0	3