

# Trond Reitan

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

917  
citations

430754

18  
h-index

552653

26  
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28  
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28  
docs citations

28  
times ranked

1208  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparison of Methods for Streamflow Uncertainty Estimation. <i>Water Resources Research</i> , 2018, 54, 7149-7176.	1.7	108
2	Ecological interactions on macroevolutionary time scales: clams and brachiopods are more than ships that pass in the night. <i>Ecology Letters</i> , 2015, 18, 1030-1039.	3.0	100
3	Effects of watershed land use and geomorphology on stream low flows during severe drought conditions in the southern Blue Ridge Mountains, Georgia and North Carolina, United States. <i>Water Resources Research</i> , 2011, 47, .	1.7	92
4	Bayesian methods for estimating multi-segment discharge rating curves. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 627-642.	1.9	65
5	Generalized extreme value shape parameter and its nature for extreme precipitation using long time series and the Bayesian approach. <i>Hydrological Sciences Journal</i> , 2017, 62, 863-879.	1.2	60
6	Bayesian Rating Curve Inference as a Streamflow Data Quality Assessment Tool. <i>Water Resources Management</i> , 2009, 23, 1835-1842.	1.9	50
7	Objective segmentation in compound rating curves. <i>Journal of Hydrology</i> , 2005, 311, 188-201.	2.3	48
8	Measuring system normality. <i>ACM Transactions on Computer Systems</i> , 2002, 20, 125-160.	0.6	47
9	Effects of competition and climate on a crop pollinator community. <i>Agriculture, Ecosystems and Environment</i> , 2017, 246, 253-260.	2.5	38
10	Accounting for rating curve imprecision in flood frequency analysis using likelihood-based methods. <i>Journal of Hydrology</i> , 2009, 366, 89-100.	2.3	36
11	Bayesian power-law regression with a location parameter, with applications for construction of discharge rating curves. <i>Stochastic Environmental Research and Risk Assessment</i> , 2008, 22, 351-365.	1.9	34
12	Do Not Divide Count Data with Count Data; A Story from Pollination Ecology with Implications Beyond. <i>PLoS ONE</i> , 2016, 11, e0149129.	1.1	33
13	Phenotypic evolution studied by layered stochastic differential equations. <i>Annals of Applied Statistics</i> , 2012, 6, .	0.5	31
14	Pollinator community responses to the spatial population structure of wild plants: A pan-European approach. <i>Basic and Applied Ecology</i> , 2012, 13, 489-499.	1.2	28
15	Common species link global ecosystems to climate change: dynamical evidence in the planktonic fossil record. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170722.	1.2	28
16	Dynamic rating curve assessment in unstable rivers using Ornstein–Uhlenbeck processes. <i>Water Resources Research</i> , 2011, 47, .	1.7	26
17	Bayesian analysis of stage–discharge models for gauging stations affected by variable backwater. <i>Hydrological Processes</i> , 2009, 23, 3057-3074.	1.1	24
18	Length variation in short tandem repeats affects gene expression in natural populations of <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2021, 33, 2221-2234.	3.1	24

#	ARTICLE	IF	CITATIONS
19	Existence of the frequentistic estimate for power-law regression with a location parameter, with applications for making discharge rating curves. Stochastic Environmental Research and Risk Assessment, 2006, 20, 445-453.	1.9	11
20	An unknown Phanerozoic driver of brachiopod extinction rates unveiled by multivariate linear stochastic differential equations. Paleobiology, 2017, 43, 537-549.	1.3	9
21	MetaComNet: A random forest-based framework for making spatial predictions of plant-pollinator interactions. Methods in Ecology and Evolution, 2022, 13, 500-513.	2.2	7
22	layeranalyzer: Inferring correlative and causal connections from time series data inr. Methods in Ecology and Evolution, 2019, 10, 2183-2188.	2.2	6
23	A risk analysis of disk backup or repository maintenance. Science of Computer Programming, 2007, 64, 312-331.	1.5	4
24	Examining Community Stability in the Face of Mass Extinction in Communities of Digital Organisms. Artificial Life, 2019, 24, 250-276.	1.0	4
25	Bayesian Assessment of Availabilities and Unavailabilities of Multistate Monotone Systems. Methodology and Computing in Applied Probability, 2012, 14, 1075-1095.	0.7	2
26	Relative species abundance and population densities of the past: developing multispecies occupancy models for fossil data. Paleobiology, 2023, 49, 23-38.	1.3	2
27	Alteration of (Frequency-Dependent) Fitness in Time-Shift Experiments Reveals Cryptic Coevolution and Uncoordinated Stasis in a Virtual Jurassic Park. Artificial Life, 2020, 26, 196-216.	1.0	0
28	System Reliability. , 2008, , 775-809.		0