

Michael Hauhs

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

272
citations

1040056

9
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

345
citing authors

#	ARTICLE	IF	CITATIONS
1	Water flowpaths and hydrochemical controls in the Birkenes catchment as inferred from a rainstorm high in seasalts. <i>Water Resources Research</i> , 1990, 26, 611-622.	4.2	43
2	Analysing land cover and land use change in the Matobo National Park and surroundings in Zimbabwe. <i>Remote Sensing of Environment</i> , 2017, 194, 278-286.	11.0	38
3	A model relating forest growth to ecosystem-scale budgets of energy and nutrients. <i>Ecological Modelling</i> , 1995, 83, 229-243.	2.5	35
4	Water flow paths and residence times in a small headwater catchment at Gårdsjöån, Sweden, during steady state storm flow conditions. <i>Water Resources Research</i> , 1996, 32, 1689-1698.	4.2	30
5	Classification of Runoff in Headwater Catchments: A Physical Problem?. <i>Geography Compass</i> , 2008, 2, 235-254.	2.7	26
6	Diagnosing the Dynamics of Observed and Simulated Ecosystem Gross Primary Productivity with Time Causal Information Theory Quantifiers. <i>PLoS ONE</i> , 2016, 11, e0164960.	2.5	20
7	Experimental simulation of the effects of extreme climatic events on major ions, acidity and dissolved organic carbon leaching from a forested catchment, Gårdsjöån, Sweden. <i>Biogeochemistry</i> , 2012, 107, 455-469.	3.5	19
8	Summary of a workshop on ecosystem modeling: The end of an era?. <i>Science of the Total Environment</i> , 1996, 183, 1-5.	8.0	13
9	Ecosystem dynamics viewed from an endoperspective. <i>Science of the Total Environment</i> , 1996, 183, 125-136.	8.0	13
10	Long-term sulfate dynamics at Lange Bramke (Harz) used for testing two acidification models. <i>Water, Air, and Soil Pollution</i> , 1995, 79, 339-351.	2.4	9
11	Foundations for the Simulation of Ecosystems. , 2006, , 57-77.		5
12	Chemical reactiveness of soil water pathways investigated by point source injections of chloride in a peat bog at Birkenes. <i>Journal of Hydrology</i> , 1993, 144, 101-125.	5.4	4
13	Applications of Algebra and Coalgebra in Scientific Modelling. <i>Electronic Notes in Theoretical Computer Science</i> , 2010, 264, 105-123.	0.9	4
14	Shallow water flow in a deeply weathered granite aquifer and implications for hydrochemical models. <i>Water, Air, and Soil Pollution</i> , 1995, 85, 1825-1830.	2.4	3
15	Transit times of water under steady stormflow conditions in the Gårdsjöån G1 catchment. <i>Hydrological Processes</i> , 2015, 29, 4657-4665.	2.6	2
16	CONCEPTUAL MODEL OF RUNOFF FROM A FORESTED CATCHMENT. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2001, 11, 2567-2578.	1.7	1
17	Algebraic-coalgebraic recursion theory of history-dependent dynamical system models. <i>Theoretical Computer Science</i> , 2015, 604, 63-80.	0.9	1
18	Sustainable Use of Water from Natural and Social Science Perspectives. <i>Geography Compass</i> , 2009, 3, 2025-2044.	2.7	0

#	ARTICLE	IF	CITATIONS
19	Algebraicâ€“Coalgebraic Recursion Theory of History-Dependent Dynamical System Models. Lecture Notes in Computer Science, 2014, , 225-244.	1.3	0
20	Complexity and Simplicity in Ecosystems: The case of forest management. , 2006, , 279-292.		0