

Samuel Beskow

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,323
citations

448610

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445137

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all docs

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docs citations

71
times ranked

1333
citing authors

#	ARTICLE	IF	CITATIONS
1	Applicability of geomorphological approaches combined with the modified Clark's model for flood hydrograph estimation. <i>Catena</i> , 2022, 213, 106200.	2.2	0
2	Evaluation of geomorphological approaches combined with digital elevation models for the Nash's instantaneous unit hydrograph. <i>Journal of South American Earth Sciences</i> , 2021, 107, 103153.	0.6	4
3	Climate Change Impacts on Water Resources of the Largest Hydropower Plant Reservoir in Southeast Brazil. <i>Water (Switzerland)</i> , 2021, 13, 1560.	1.2	13
4	Capability of LISEM to estimate flood hydrographs in a watershed with predominance of long-duration rainfall events. <i>Natural Hazards</i> , 2021, 109, 593-614.	1.6	4
5	Examining the implications of spatial variability of saturated soil hydraulic conductivity on direct surface runoff hydrographs. <i>Catena</i> , 2021, 207, 105693.	2.2	4
6	Influence of different relief information sources on the geomorphological characterization of small watersheds. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20191317.	0.3	3
7	Spatial uncertainty analysis of the saturated soil hydraulic conductivity in a subtropical watershed. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	0
8	Minimum streamflow regionalization in a Brazilian watershed under different clustering approaches. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20210538.	0.3	1
9	Soil loss estimated by means of the RUSLE model in a subtropical climate watershed. <i>Revista Brasileira De Ciencia Do Solo</i> , 2021, 45, .	0.5	1
10	Assessment of Spatial and Temporal Soil Water Storage Using a Distributed Hydrological Model. <i>Water Resources Management</i> , 2020, 34, 5031-5046.	1.9	5
11	Dominant Control of Macroporosity on Saturated Soil Hydraulic Conductivity at Multiple Scales and Locations Revealed by Wavelet Analyses. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1686-1702.	1.7	18
12	Daily rainfall erosivity as an indicator for natural disasters: assessment in mountainous regions of southeastern Brazil. <i>Natural Hazards</i> , 2020, 103, 947-966.	1.6	10
13	Identifying regionalized co-variate driving factors to assess spatial distributions of saturated soil hydraulic conductivity using multivariate and state-space analyses. <i>Catena</i> , 2020, 191, 104583.	2.2	16
14	Rainfall erosivity in South America: Current patterns and future perspectives. <i>Science of the Total Environment</i> , 2020, 724, 138315.	3.9	48
15	Identifying Covariates to Assess the Spatial Variability of Saturated Soil Hydraulic Conductivity Using Robust Cokriging at the Watershed Scale. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1491-1502.	1.7	8
16	Modelagem espacial da erosão hídrica do solo associada à sazonalidade agroclimática na região sul do Rio Grande do Sul, Brasil. <i>Engenharia Sanitaria E Ambiental</i> , 2020, 25, 933-946.	0.1	4
17	Spatial discretization influence on flood modeling using unit hydrograph theory. <i>Revista Brasileira De Recursos Hidricos</i> , 2019, 24, .	0.5	5
18	Artificial intelligence for identifying hydrologically homogeneous regions: A state-of-the-art regional flood frequency analysis. <i>Hydrological Processes</i> , 2019, 33, 1101-1116.	1.1	18

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19	Rainfall partitioning measurement and rainfall interception modelling in a tropical semi-deciduous Atlantic forest remnant. <i>Agricultural and Forest Meteorology</i> , 2019, 275, 170-183.	1.9	33
20	Evaluation of Flood Timing and Regularity over Hydrological Regionalization in Southern Brazil. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	0.8	7
21	Modeling the effects of climate change on hydrology and sediment load in a headwater basin in the Brazilian Cerrado biome. <i>Ecological Engineering</i> , 2019, 133, 20-31.	1.6	49
22	Irrigation distribution uniformity analysis on a lateral-move irrigation system. <i>Irrigation Science</i> , 2019, 37, 195-206.	1.3	9
23	LASH hydrological model: An analysis focused on spatial discretization. <i>Catena</i> , 2019, 173, 183-193.	2.2	18
24	Regional flood frequency analysis using L-moments for geographically defined regions: An assessment in Brazil. <i>Journal of Flood Risk Management</i> , 2019, 12, .	1.6	13
25	Spatial distribution of climatic variables in Tocantins State, Brazil. <i>Científica</i> , 2019, 47, 269.	0.1	0
26	At-Site Flood Frequency Analysis Coupled with Multiparameter Probability Distributions. <i>Water Resources Management</i> , 2018, 32, 285-300.	1.9	23
27	Assessment of soil loss vulnerability in data-scarce watersheds in southern Brazil. <i>Ciencia E Agrotecnologia</i> , 2018, 42, 575-587.	1.5	11
28	Geomorphology-based unit hydrograph models for flood risk management: case study in Brazilian watersheds with contrasting physiographic characteristics. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 1873-1890.	0.3	5
29	MODELAGEM HIDROLÓGICA DETERMINÍSTICA CHUVA-VAZÃO EM BACIAS HIDROGRÁFICAS: UMA ABORDAGEM INTRODUTÓRIA. <i>Revista Brasileira De Engenharia E Sustentabilidade</i> , 2018, 5, 22.	0.1	3
30	Multi-scale correlations between soil hydraulic properties and associated factors along a Brazilian watershed transect. <i>Geoderma</i> , 2017, 286, 15-24.	2.3	43
31	Wind Speed and Direction on Water Application Uniformity of a Mechanical Lateral-Move Irrigation System. <i>Applied Engineering in Agriculture</i> , 2017, 33, 543-549.	0.3	4
32	Hydrological regionalization of maximum stream flows using an approach based on L-moments. <i>Revista Brasileira De Recursos Hidricos</i> , 2017, 22, .	0.5	10
33	Influence of the wind on water application uniformity of a mechanical lateral move irrigation equipment using rotating plate sprinklers. <i>Ciencia Rural</i> , 2016, 46, 83-88.	0.3	13
34	Agricultural watershed modeling: a review for hydrology and soil erosion processes. <i>Ciencia E Agrotecnologia</i> , 2016, 40, 7-25.	1.5	38
35	Artificial intelligence techniques coupled with seasonality measures for hydrological regionalization of Q90 under Brazilian conditions. <i>Journal of Hydrology</i> , 2016, 541, 1406-1419.	2.3	22
36	Sediment yield in Paraopeba River Basin – MG, Brazil. <i>International Journal of River Basin Management</i> , 2016, 14, 367-377.	1.5	8

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37	Potential of the LASH model for water resources management in data-scarce basins: a case study of the Fragata River basin, southern Brazil. <i>Hydrological Sciences Journal</i> , 2016, 61, 2567-2578.	1.2	38
38	DAILY RAINFALL DISAGGREGATION: AN ANALYSIS FOR THE RIO GRANDE DO SUL STATE - DESAGREGAÇÃO DE CHUVA DIÁRIA: UMA ANÁLISE PARA O ESTADO DO RIO GRANDE DO SUL. <i>Scientia Agraria</i> , 2016, 16, .	0.5	3
39	Modelagem probabilística de eventos de precipitação extrema no estado do Rio Grande do Sul. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2015, 19, 197-203.	0.4	29
40	Modelagem das perdas de Água por evaporação e arraste de sprays de placa oscilante. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2015, 19, 719-726.	0.4	4
41	Interpolation methods for improving the RUSLE R-factor mapping in Brazil. <i>Journal of Soils and Water Conservation</i> , 2015, 70, 182-197.	0.8	19
42	Multiparameter probability distributions for heavy rainfall modeling in extreme southern Brazil. <i>Journal of Hydrology: Regional Studies</i> , 2015, 4, 123-133.	1.0	55
43	ESTIMATIVA DAS PERDAS DE SOLO E DEPOSIÇÃO DE SEDIMENTOS EM UMA SUB-BACIA HIDROGRÁFICA SOB PROCESSO DE DEGRADAÇÃO AMBIENTAL. <i>Revista De Ciências Ambientais</i> , 2015, 9, .	0.0	1
44	Estresse hidrológico: aplicação às bacias dos rios Paraopeba e Sapucaia, Minas Gerais. <i>Revista Brasileira De Recursos Hídricos</i> , 2015, 20, 352-359.	0.5	3
45	Índices de sazonalidade para regionalização hidrológica de vazões de estiagem no Rio Grande do Sul. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2014, 18, 748-754.	0.4	7
46	Impacts of Land-use Changes on the Hydrology of the Grande River Basin Headwaters, Southeastern Brazil. <i>Water Resources Management</i> , 2014, 28, 4537-4550.	1.9	55
47	Multivariate models for annual rainfall erosivity in Brazil. <i>Geoderma</i> , 2013, 202-203, 88-102.	2.3	95
48	Hydrological Prediction in a Tropical Watershed Dominated by Oxisols Using a Distributed Hydrological Model. <i>Water Resources Management</i> , 2013, 27, 341-363.	1.9	42
49	Applicability of the LASH Model for Hydrological Simulation of the Grande River Basin, Brazil. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 1639-1652.	0.8	29
50	Simulação hidrológica em uma bacia hidrográfica representativa dos Latossolos na região Alto Rio Grande, MG. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2013, 17, 69-76.	0.4	46
51	Spatial distribution of water erosion risk in a watershed with eucalyptus and Atlantic Forest. <i>Ciencia E Agrotecnologia</i> , 2013, 37, 427-434.	1.5	25
52	Application of the Soil and Water Assessment Tool (SWAT) for Sediment Transport Simulation at a Headwater Watershed in Minas Gerais State, Brazil. <i>Transactions of the ASABE</i> , 2013, 56, 697-709.	1.1	21
53	SIA: Modelo para simulação da irrigação por aspersão - Calibração e validação. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2013, 17, 253-260.	0.4	3
54	Simulação da distribuição de água em diferentes condições de vento e espaçamentos entre aspersores. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2013, 17, 918-925.	0.4	3

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55	Distorção do vento na área molhada por canhões hidrúlicos: extensão da modelagem para aspersores mÃ©dios. Revista Brasileira De Engenharia Agrícola E Ambiental, 2012, 16, 699-705.	0.4	2
56	Modelagem dos efeitos do vento na uniformidade da irrigação por aspersão: aspersores de tamanho mÃ©dio. Revista Brasileira De Engenharia Agrícola E Ambiental, 2012, 16, 133-141.	0.4	8
57	Modelagem Hidrológica em uma Sub-bacia Hidrográfica do Baixo Rio Araguaia, TO. Journal of Biotechnology and Biodiversity, 2012, 3, 38-47.	0.1	7
58	Performance of a distributed semi-conceptual hydrological model under tropical watershed conditions. Catena, 2011, 86, 160-171.	2.2	43
59	Spatial distribution of top soil water content in an experimental catchment of Southeast Brazil. Scientia Agrícola, 2011, 68, 285-294.	0.6	10
60	Application of the Soil and Water Assessment Tool (SWAT) for sediment transport simulation at a headwater watershed in Minas Gerais State, Brazil. , 2011, , .		0
61	Development, sensitivity and uncertainty analysis of LASH model. Scientia Agrícola, 2011, 68, 265-274.	0.6	20
62	Modelagem das perdas de água por evaporação e arraste em aspersores de mÃ©dia pressão. Revista Brasileira De Engenharia Agrícola E Ambiental, 2011, 15, 221-228.	0.4	11
63	Vazões máximas e mínimas para bacias hidrográficas da região alto Rio Grande, MG. Ciencia E Agrotecnologia, 2010, 34, 494-502.	1.5	6
64	Estimativa do escoamento superficial em uma bacia hidrográfica com base em modelagem dinâmica e distribuída. Revista Brasileira De Ciencia Do Solo, 2009, 33, 169-178.	0.5	14
65	Soil erosion prediction in the Grande River Basin, Brazil using distributed modeling. Catena, 2009, 79, 49-59.	2.2	223
66	Aplicabilidade do lisem (limburg soil erosion) para simulação hidrológica em uma bacia hidrográfica tropical. Revista Brasileira De Ciencia Do Solo, 2008, 32, 2483-2492.	0.5	9
67	Simulação das perdas de água por evaporação e arraste, no aspersor NY-7 (4,6 mm x 4,0 mm), em sistemas de aspersão convencional. Engenharia Agrícola, 2008, 28, 427-437.	0.2	6
68	PERDAS DE ÁGUA POR EVAPORAÇÃO E ARRASTE NA IRRIGAÇÃO POR ASPERSÃO NAS CONDIÇÕES CLIMÁTICAS DE LAVRAS-MG, UTILIZANDO ASPERSORES DE TAMANHO MÃ%O. Irriga, 2008, 13, 113-127.	0.2	2
69	SYHDA – System of Hydrological Data Acquisition and Analysis. Revista Brasileira De Recursos Hídricos, 0, 24, .	0.5	6
70	Water balance of an Atlantic forest remnant under a prolonged drought period. Ciencia E Agrotecnologia, 0, 45, .	1.5	7
71	TRENDS IN THE HYDROMETEOROLOGICAL REGIME ON AN ISLAND IN THE SOUTH ATLANTIC OCEAN (TENDÊNCIAS NO REGIME HIDROMETEOROLÓGICO EM UMA ILHA OCEÂNICA NO OCEANO ATLÂNTICO SUL). Revista Brasileira De Climatologia, 0, 18, .	0.3	0