

Celso Augusto Guimarães Santos

List of Publications by Year in descending order

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128
papers

2,641
citations

185998

28
h-index

264894

42
g-index

134
all docs

134
docs citations

134
times ranked

2042
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyzing shoreline dynamicity and the associated socioecological risk along the Southern Odisha Coast of India using remote sensing-based and statistical approaches. <i>Geocarto International</i> , 2022, 37, 3991-4027.	1.7	14
2	Streamflow Prediction Based on Artificial Intelligence Techniques. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 2393-2403.	1.0	18
3	Response of long- to short-term tidal inlet morphodynamics on the ecological ramification of Chilika lake, the tropical Ramsar wetland in India. <i>Science of the Total Environment</i> , 2022, 807, 150769.	3.9	14
4	Mining impacts on forest cover change in a tropical forest using remote sensing and spatial information from 2001â€“2019: A case study of Odisha (India). <i>Journal of Environmental Management</i> , 2022, 302, 114067.	3.8	16
5	Assessment of current and future land use/cover changes in soil erosion in the Rio da Prata basin (Brazil). <i>Science of the Total Environment</i> , 2022, 818, 151811.	3.9	28
6	Long-term basin-scale comparison of two high-resolution satellite-based remote sensing datasets for assessing rainfall and erosivity in a basin in the Brazilian semiarid region. <i>Theoretical and Applied Climatology</i> , 2022, 147, 1049-1064.	1.3	9
7	A new regionalization of rainfall patterns based on wavelet transform information and hierarchical cluster analysis in northeastern Algeria. <i>Theoretical and Applied Climatology</i> , 2022, 147, 1489-1510.	1.3	17
8	Assessment of impacts to the sequence of the tropical cyclone Nisarga and monsoon events in shoreline changes and vegetation damage in the coastal zone of Maharashtra, India. <i>Marine Pollution Bulletin</i> , 2022, 174, 113262.	2.3	12
9	Determining the Hydrological Behaviour of Catchment Based on Quantitative Morphometric Analysis in the Hard Rock Area of Nand Samand Catchment, Rajasthan, India. <i>Hydrology</i> , 2022, 9, 31.	1.3	16
10	Thermal comfort conditions at microclimate scale and surface urban heat island in a tropical city: A study on JoÃ£o Pessoa city, Brazil. <i>International Journal of Biometeorology</i> , 2022, 66, 1079-1093.	1.3	9
11	Spatiotemporal patterns of agricultural and meteorological droughts using SPI and MODIS-based estimates over a Brazilian semiarid region: study case of Upper ParaÃba River basin. <i>Geocarto International</i> , 2022, 37, 11590-11613.	1.7	7
12	Assessment of trend and current pattern of open educational resources: A bibliometric analysis. <i>Journal of Academic Librarianship</i> , 2022, 48, 102520.	1.3	16
13	Modeling the effects of future climate and land-use changes on streamflow in a headwater basin in the Brazilian Caatinga biome. <i>Geocarto International</i> , 2022, 37, 12436-12465.	1.7	6
14	Investigating Relationships between Runoffâ€“Erosion Processes and Land Use and Land Cover Using Remote Sensing Multiple Gridded Datasets. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 272.	1.4	16
15	Monthly Streamflow Modeling Based on Self-Organizing Maps and Satellite-Estimated Rainfall Data. <i>Water Resources Management</i> , 2022, 36, 2359-2377.	1.9	7
16	Remote sensing-based assessment of land degradation and drought impacts over terrestrial ecosystems in Northeastern Brazil. <i>Science of the Total Environment</i> , 2022, 835, 155490.	3.9	14
17	Assessing machine learning models for streamflow estimation: a case study in Oued Sebaou watershed (Northern Algeria). <i>Hydrological Sciences Journal</i> , 2022, 67, 1328-1341.	1.2	12
18	Optimizing hyperparameters of deep hybrid learning for rainfall prediction: a case study of a Mediterranean basin. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	15

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19	Long-term temperature and ozone response to natural drivers in the mesospheric region using 16 years (2005–2020) of TIMED/SABER observation data at 5°–15°N. <i>Advances in Space Research</i> , 2022, 70, 2095-2111.	1.2	4
20	Climate Indices-Based Analysis of Rainfall Spatiotemporal Variability in Pernambuco State, Brazil. <i>Water (Switzerland)</i> , 2022, 14, 2190.	1.2	8
21	Mapping main risk areas of lightning fatalities between 2000 and 2020 over Odisha state (India): A diagnostic approach to reduce lightning fatalities using statistical and spatiotemporal analyses. <i>International Journal of Disaster Risk Reduction</i> , 2022, 79, 103145.	1.8	4
22	Geospatial drought severity analysis based on PERSIANN-CDR-estimated rainfall data for Odisha state in India (1983–2018). <i>Science of the Total Environment</i> , 2021, 750, 141258.	3.9	39
23	Future scenarios based on a CA-Markov land use and land cover simulation model for a tropical humid basin in the Cerrado/Atlantic forest ecotone of Brazil. <i>Land Use Policy</i> , 2021, 101, 105141.	2.5	83
24	Monitoring meteorological drought in a semiarid region using two long-term satellite-estimated rainfall datasets: A case study of the Piranhas River basin, northeastern Brazil. <i>Atmospheric Research</i> , 2021, 250, 105380.	1.8	34
25	Short term rainfall-runoff modelling using several machine learning methods and a conceptual event-based model. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 597-616.	1.9	58
26	An overview of research on natural resources and indigenous communities: a bibliometric analysis based on Scopus database (1979–2020). <i>Environmental Monitoring and Assessment</i> , 2021, 193, 59.	1.3	30
27	Comparison of different methodologies for rainfall–runoff modeling: machine learning vs conceptual approach. <i>Natural Hazards</i> , 2021, 105, 2987-3011.	1.6	42
28	Spatiotemporal meteorological drought assessment in a humid Mediterranean region: case study of the Oued Sebaou basin (northern central Algeria). <i>Natural Hazards</i> , 2021, 108, 689-709.	1.6	22
29	An Enhanced Innovative Triangular Trend Analysis of Rainfall Based on a Spectral Approach. <i>Water (Switzerland)</i> , 2021, 13, 727.	1.2	16
30	Analysis of the response of the Epitácio Pessoa reservoir (Brazilian semiarid region) to potential future drought, water transfer and LULC scenarios. <i>Natural Hazards</i> , 2021, 108, 1347-1371.	1.6	7
31	Daily streamflow forecasting in Sobradinho Reservoir using machine learning models coupled with wavelet transform and bootstrapping. <i>Applied Soft Computing Journal</i> , 2021, 102, 107081.	4.1	63
32	Analysis of long- and short-term shoreline change dynamics: A study case of João Pessoa city in Brazil. <i>Science of the Total Environment</i> , 2021, 769, 144889.	3.9	32
33	Assessment of automated evapotranspiration estimates obtained using the GP-SEBAL algorithm for dry forest vegetation (Caatinga) and agricultural areas in the Brazilian semiarid region. <i>Agricultural Water Management</i> , 2021, 250, 106863.	2.4	14
34	Evaluation of gridded meteorological datasets and their potential hydrological application to a humid area with scarce data for Pirapama River basin, northeastern Brazil. <i>Theoretical and Applied Climatology</i> , 2021, 145, 393-410.	1.3	7
35	Modeling the impacts of future LULC and climate change on runoff and sediment yield in a strategic basin in the Caatinga/Atlantic forest ecotone of Brazil. <i>Catena</i> , 2021, 203, 105308.	2.2	36
36	Comparison of land use/land cover change of fused image and multispectral image of landsat mission: a case study of Rajshahi, Bangladesh. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	4

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37	Landslides Triggered by the May 2017 Extreme Rainfall Event in the East Coast Northeast of Brazil. <i>Atmosphere</i> , 2021, 12, 1261.	1.0	8
38	Urban forest loss using a GIS-based approach and instruments for integrated urban planning: A case study of João Pessoa, Brazil. <i>Journal of Chinese Geography</i> , 2021, 31, 1529-1553.	1.5	11
39	Geo-ecological impact assessment of severe cyclonic storm Amphan on Sundarban mangrove forest using geospatial technology. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 260, 107486.	0.9	38
40	Effects of human-induced land degradation on water and carbon fluxes in two different Brazilian dryland soil covers. <i>Science of the Total Environment</i> , 2021, 792, 148458.	3.9	15
41	Geo-ecological cues for mass nesting synchronization of Olive Ridley turtles along Rushikulya estuary in Odisha, east coast of India. <i>Marine Pollution Bulletin</i> , 2021, 172, 112881.	2.3	13
42	Geospatial cluster analysis of the state, duration and severity of drought over Para�ba State, northeastern Brazil. <i>Science of the Total Environment</i> , 2021, 799, 149492.	3.9	13
43	Evaluation of the TRMM product for monitoring drought over Para�ba State, northeastern Brazil: a trend analysis. <i>Scientific Reports</i> , 2021, 11, 1097.	1.6	44
44	Evaluation of Karst Spring Discharge Response Using Time-Scale-Based Methods for a Mediterranean Basin of Northern Algeria. <i>Water (Switzerland)</i> , 2021, 13, 2946.	1.2	13
45	Monitoring vegetation loss and shoreline change due to tropical cyclone Fani using Landsat imageries in Balukhand-Konark Wildlife Sanctuary, India. <i>Journal of Coastal Conservation</i> , 2021, 25, 1.	0.7	10
46	Suspended Sediment Load Simulation during Flood Events Using Intelligent Systems: A Case Study on Semiarid Regions of Mediterranean Basin. <i>Water (Switzerland)</i> , 2021, 13, 3539.	1.2	7
47	Modeling land cover change based on an artificial neural network for a semiarid river basin in northeastern Brazil. <i>Global Ecology and Conservation</i> , 2020, 21, e00811.	1.0	52
48	Evaluation of the TRMM Product for Monitoring Drought over Para�ba State, Northeastern Brazil: A Statistical Analysis. <i>Remote Sensing</i> , 2020, 12, 2184.	1.8	22
49	Optimal level of wavelet decomposition for daily inflow forecasting. <i>Earth Science Informatics</i> , 2020, 13, 1163-1173.	1.6	9
50	Hybrid modelling approach for water body change detection at Chalan Beel area in northern Bangladesh. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	8
51	Rainfall Prediction in the State of Para�ba, Northeastern Brazil Using Generalized Additive Models. <i>Water (Switzerland)</i> , 2020, 12, 2478.	1.2	4
52	Analysis of forest cover changes and trends in the Brazilian semiarid region between 2000 and 2018. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	24
53	Spatiotemporal variability of vegetation due to drought dynamics (2012�2017): a case study of the Upper Para�ba River basin, Brazil. <i>Natural Hazards</i> , 2020, 102, 939-964.	1.6	16
54	Mapping LULC types in the Cerrado-Atlantic Forest ecotone region using a Landsat time series and object-based image approach: A case study of the Prata River Basin, Mato Grosso do Sul, Brazil. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 136.	1.3	16

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55	Drought impacts, social organization, and public policies in northeastern Brazil: a case study of the upper Para�ba River basin. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 317.	1.3	32
56	Spatial distribution and estimation of rainfall trends and erosivity in the Epit�cio Pessoa reservoir catchment, Para�ba, Brazil. <i>Natural Hazards</i> , 2020, 102, 829-849.	1.6	22
57	Correlation of dengue incidence and rainfall occurrence using wavelet transform for Jo�o Pessoa city. <i>Science of the Total Environment</i> , 2019, 647, 794-805.	3.9	29
58	Run-off� erosion modelling and water balance in the Epit�cio Pessoa Dam river basin, Para�ba State in Brazil. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 3035-3048.	1.8	22
59	Analysis of the use of discrete wavelet transforms coupled with ANN for short-term streamflow forecasting. <i>Applied Soft Computing Journal</i> , 2019, 80, 494-505.	4.1	81
60	Cluster Analysis Applied to Spatiotemporal Variability of Monthly Precipitation over Para�ba State Using Tropical Rainfall Measuring Mission (TRMM) Data. <i>Remote Sensing</i> , 2019, 11, 637.	1.8	51
61	Automated surface energy balance algorithm for land (ASEBAL) based on automating endmember pixel selection for evapotranspiration calculation in MODIS orbital images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 79, 1-11.	1.4	25
62	Innovative approach for geospatial drought severity classification: a case study of Para�ba state, Brazil. <i>Stochastic Environmental Research and Risk Assessment</i> , 2019, 33, 545-562.	1.9	44
63	Analysis of the environmental thermal comfort conditions in public squares in the semiarid region of northeastern Brazil. <i>Building and Environment</i> , 2019, 152, 145-159.	3.0	23
64	Hybrid Wavelet Neural Network Approach for Daily Inflow Forecasting Using Tropical Rainfall Measuring Mission Data. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	0.8	36
65	Spatial modeling of soil salinity using multiple linear regression, ordinary kriging and artificial neural network methods in the Lower Cheliff plain, Algeria. <i>Journal of Urban and Environmental Engineering</i> , 2019, 13, 34-41.	0.3	3
66	Integrated spatiotemporal trends using TRMM 3B42 data for the Upper S�o Francisco River basin, Brazil. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 175.	1.3	30
67	Wavelet-based variability on streamflow at 40-year timescale in the Black Sea region of Turkey. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	18
68	Hydrological simulation in a tropical humid basin in the Cerrado biome using the SWAT model. <i>Hydrology Research</i> , 2018, 49, 908-923.	1.1	31
69	Spatiotemporal impact of land use/land cover changes on urban heat islands: A case study of Pa�so do Lumiar, Brazil. <i>Building and Environment</i> , 2018, 136, 279-292.	3.0	100
70	Evaluation and modeling of runoff and sediment yield for different land covers under simulated rain in a semiarid region of Brazil. <i>International Journal of Sediment Research</i> , 2018, 33, 117-125.	1.8	28
71	Geospatial assessment of eco-environmental changes in desertification area of the Brazilian semi-arid region. <i>Earth Sciences Research Journal</i> , 2018, 22, 175-186.	0.4	21
72	Monthly streamflow forecasting using neuro-wavelet techniques and input analysis. <i>Hydrological Sciences Journal</i> , 2018, 63, 2060-2075.	1.2	30

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73	Trend analysis of monthly streamflows using Åžen's innovative trend method. <i>Geofizika</i> , 2018, 35, 53-68.	0.1	46
74	Estimation of evapotranspiration for different land covers in a Brazilian semi-arid region: A case study of the BrÅgida River basin, Brazil. <i>Journal of South American Earth Sciences</i> , 2017, 74, 54-66.	0.6	31
75	Drought assessment using a TRMM-derived standardized precipitation index for the upper SÃ£o Francisco River basin, Brazil. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 250.	1.3	53
76	Spatial and temporal water-level variations in the Texas portion of the Ogallala Aquifer. <i>Natural Hazards</i> , 2016, 80, 351-365.	1.6	14
77	RAINFALL ANALYSIS IN KLANG RIVER BASIN USING CONTINUOUS WAVELET TRANSFORM. <i>Journal of Urban and Environmental Engineering</i> , 2016, 10, 3-10.	0.3	6
78	RAINFALL ANALYSIS IN KLANG RIVER BASIN USING CONTINUOUS WAVELET TRANSFORM. <i>Journal of Urban and Environmental Engineering</i> , 2016, 10, 3-10.	0.3	0
79	Rainfall and river flow trends using Mann-Kendall and Sen's slope estimator statistical tests in the Cobres River basin. <i>Natural Hazards</i> , 2015, 77, 1205-1221.	1.6	230
80	Multispectral image unsupervised segmentation using watershed transformation and cross-entropy minimization in different land use. <i>GIScience and Remote Sensing</i> , 2014, 51, 613-629.	2.4	10
81	Rainfall data analyzing using moving average (MA) model and wavelet multi-resolution intelligent model for noise evaluation to improve the forecasting accuracy. <i>Neural Computing and Applications</i> , 2014, 25, 1853-1861.	3.2	36
82	The use of Kohonen neural networks for runoff-erosion modeling. <i>Journal of Soils and Sediments</i> , 2014, 14, 1242-1250.	1.5	14
83	Daily streamflow forecasting using a wavelet transform and artificial neural network hybrid models. <i>Hydrological Sciences Journal</i> , 2014, 59, 312-324.	1.2	94
84	Automatic Calibration of the SHETRAN Hydrological Modelling System Using MSCE. <i>Water Resources Management</i> , 2013, 27, 4053-4068.	1.9	31
85	Downscaling of a global climate model for estimation of runoff, sediment yield and dam storage: A case study of Pirapama basin, Brazil. <i>Journal of Hydrology</i> , 2013, 498, 46-58.	2.3	20
86	Erosivity, surface runoff, and soil erosion estimation using GIS-coupled runoff-erosion model in the Mamuaba catchment, Brazil. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8977-8990.	1.3	27
87	Identification of precipitation zones within SÃ£o Francisco River basin (Brazil) by global wavelet power spectra. <i>Hydrological Sciences Journal</i> , 2013, 58, 789-796.	1.2	33
88	A Transformada Wavelet e sua Aplicação na Análise de Séries Hidrológicas. <i>Revista Brasileira De Recursos Hídricos</i> , 2013, 18, 271-280.	0.5	10
89	Application of a simulated annealing optimization to a physically based erosion model. <i>Water Science and Technology</i> , 2012, 66, 2099-2108.	1.2	7
90	Integration of GIS and remote sensing for estimation of soil loss and prioritization of critical sub-catchments: a case study of Tapacurã catchment. <i>Natural Hazards</i> , 2012, 62, 953-970.	1.6	43

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91	Caracteriza��o Hidrodin�mica dos Solos da Bacia Experimental do Riacho Guara�ra Utilizando o M�todo Beerkan. Revista Brasileira De Recursos Hidricos, 2012, 17, 149-160.	0.5	5
92	Perdas de �gua e Solo Utilizando Chuva Simulada em Diferentes Coberturas Superficiais e Condi�es de Umidade no Semi�rido Paraibano. Revista Brasileira De Recursos Hidricos, 2012, 17, 217-228.	0.5	1
93	CUCKOO SEARCH VIA L�VY FLIGHTS FOR OPTIMIZATION OF A PHYSICALLY-BASED RUNOFF-EROSION MODEL. Journal of Urban and Environmental Engineering, 2012, 6, 123-131.	0.3	12
94	AN�LISE DAS PERDAS DE �GUA E SOLO EM UM VERTISSOLO CROMADO SOB DIFERENTES SISTEMAS DE MANEJO. Boletim Goiano De Geografia, 2012, 32, .	0.1	0
95	INFLUENCE OF THE CATCHMENT DISCRETIZATION ON THE OPTIMIZATION OF RUNOFF-EROSION MODELLING. Journal of Urban and Environmental Engineering, 2011, 5, 91-102.	0.3	6
96	PERDAS DE �GUA E SEDIMENTO EM DIFERENTES SISTEMAS DE MANEJO NO SEMI�RIDO DA PARA�BA. Mercator: Revista De Geografia Da UFC, 2011, 10, 161-170.	0.3	1
97	Estimativa de Valores Regionais dos Par�metros do Solo do Modelo KINEROS2 para o Semi�rido Paraibano. Revista Brasileira De Recursos Hidricos, 2011, 16, 141-150.	0.5	0
98	Application of a particle swarm optimization to a physically-based erosion model. Annals of Warsaw University of Life Sciences, Land Reclamation, 2010, 42, 39-49.	0.2	7
99	Spatial analysis of vegetal cover and sediment yield in Tapacur� river catchment based on remote sensing and GIS. Annals of Warsaw University of Life Sciences, Land Reclamation, 2010, 42, 5-16.	0.2	5
100	An�lise da variabilidade espa�o-temporal e identifica�o do padr�o da precipita�o na bacia do Rio Tapacur�, Pernambuco. Sociedade & Natureza, 2010, 22, 357-372.	0.0	15
101	An�lise Espacial dos Riscos de Eros�o e Inunda�o na Bacia do Rio Cui�. Revista Brasileira De Recursos Hidricos, 2010, 15, 21-32.	0.5	3
102	VIABILITY OF PRECIPITATION FREQUENCY USE FOR RESERVOIR SIZING IN CONDOMINIUMS. Journal of Urban and Environmental Engineering, 2010, 4, 23-28.	0.3	4
103	AN�LISE DO GRAU DE ERODIBILIDADE E PERDAS DE SOLO NA BACIA DO RIO CAPI�-BASEADO EM SIG E SENSORIAMENTO REMOTO. Revista Brasileira De Geografia Fisica, 2009, 2, 26.	0.0	4
104	Estimativa da produ�o de sedimentos mediante uso de um modelo hidrossedimentol�gico acoplado a um SIG. Revista Brasileira De Engenharia Agrícola E Ambiental, 2008, 12, 520-526.	0.4	4
105	A COMPARATIVE STUDY OF SOME OF THE SEDIMENT TRANSPORT EQUATIONS FOR AN ALLUVIAL CHANNEL WITH DUNES. Journal of Urban and Environmental Engineering, 2008, 2, 28-32.	0.3	2
106	EVALUATION OF SOIL LOSS IN GUARA�RA BASIN BY GIS AND REMOTE SENSING BASED MODEL. Journal of Urban and Environmental Engineering, 2007, 1, 44-52.	0.3	17
107	Aplica�o do modelo hidrol�gico A�UMOD baseado em SIG para a gest�o de recursos h�dricos do rio Pirapama, Pernambuco, Brasil. Revista Ambiente & �gua, 2007, 2, 7-20.	0.1	1
108	Application of an optimization technique to a physically based erosion model. Hydrological Processes, 2003, 17, 989-1003.	1.1	30

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109	MATSUYAMA CITY RAINFALL DATA ANALYSIS USING WAVELET TRANSFORM. Proceedings of Hydraulic Engineering, 2001, 45, 211-216.	0.0	34
110	Influência do tipo da cobertura vegetal sobre a erosão no semi-árido Paraibano. Revista Brasileira De Engenharia Agrícola E Ambiental, 2000, 4, 92-96.	0.4	9
111	IMPROVEMENT IN A GENETIC ALGORITHM FOR OPTIMIZATION OF RUNOFF-EROSION MODELS. Proceedings of Hydraulic Engineering, 2000, 44, 705-710.	0.0	1
112	OPTIMIZATION OF A RUNOFF-EROSION MODEL THROUGH A GENETIC ALGORITHM. Proceedings of Hydraulic Engineering, 1999, 43, 557-561.	0.0	1
113	SEDIMENT YIELD DUE TO HEAVY RAINFALL FROM A TEST FIELD IN BRAZIL AND ITS ANALYSIS BY A RUNOFF-EROSION MODEL. Doboku Gakkai Ronbunshu, 1998, 1998, 117-126.	0.2	1
114	A CONCEPTUAL SOIL EROSION MODEL. Proceedings of Hydraulic Engineering, 1998, 42, 1033-1038.	0.0	3
115	Influence of Initial Infiltration on Runoff Hydrographs from a Test Field in a Semiarid Region of Northeastern Brazil. Proceedings of Hydraulic Engineering, 1997, 41, 203-208.	0.0	1
116	Sediment Yield Equation by Sheet Erosion on Soil Slope for a Semiarid Region. Proceedings of Hydraulic Engineering, 1996, 40, 875-880.	0.0	0
117	Scale Effects of Basin Elements on Coefficients in Runoff-Erosion Modeling. Proceedings of Hydraulic Engineering, 1994, 38, 83-88.	0.0	3
118	Sediment Yield Observed in a Small Experimental Basin and its Simulation by Runoff-Erosion Modeling. Proceedings of Hydraulic Engineering, 1993, 37, 717-722.	0.0	3
119	Role and Concept of Rooftop Disconnection in Terms of Runoff Volume and Flood Peak Quantity. International Journal of Environmental Research, 0, , 1.	1.1	1
120	KOHONEN NEURAL NETWORKS FOR RAINFALL-RUNOFF MODELING: CASE STUDY OF PIANCÁ RIVER BASIN. Journal of Urban and Environmental Engineering, 0, , 176-182.	0.3	13
121	PREDICTING SOIL EROSION AND SEDIMENT YIELD IN THE TAPACURÁ-CATCHMENT, BRAZIL. Journal of Urban and Environmental Engineering, 0, , 75-82.	0.3	13
122	THE DEVELOPMENT AND RESEARCH TREND OF USING DSAS TOOL FOR SHORELINE CHANGE ANALYSIS: A SCIENTOMETRIC ANALYSIS. Journal of Urban and Environmental Engineering, 0, , 69-77.	0.3	16
123	Discrete wavelet transform coupled with ANN for daily discharge forecasting into Três Marias reservoir. Proceedings of the International Association of Hydrological Sciences, 0, 364, 100-105.	1.0	7
124	Assessment of land-use change on streamflow using GIS, remote sensing and a physically-based model, SWAT. Proceedings of the International Association of Hydrological Sciences, 0, 364, 38-43.	1.0	8
125	Land cover and climate change effects on streamflow and sediment yield: a case study of Tapacurá River basin, Brazil. Proceedings of the International Association of Hydrological Sciences, 0, 371, 189-193.	1.0	3
126	Rainfall trends over 40 years in the Cobres River basin, Portugal: variability and impacts. Proceedings of the International Association of Hydrological Sciences, 0, 366, 127-128.	1.0	0

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127	Detecting hydro-climatic change using spatiotemporal analysis of rainfall time series in the Cobres River basin, Portugal. Proceedings of the International Association of Hydrological Sciences, 0, 366, 125-126.	1.0	1
128	Variability of Rainfall in the Semi-Arid Region of Brazil. , 0, , .		0