

# Ronny Berndtsson

## List of Publications by Year in descending order

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Version: 2024-02-01

229  
papers

6,418  
citations

57758

44  
h-index

123424

61  
g-index

241  
all docs

241  
docs citations

241  
times ranked

5934  
citing authors

#	ARTICLE	IF	CITATIONS
1	Is road-side fishpond water in Bangladesh safe for human use? An assessment using water quality indices. <i>Environmental Challenges</i> , 2022, 6, 100434.	4.2	14
2	Distribution of heavy metals and related health risks through soil ingestion in rural areas of western Japan. <i>Chemosphere</i> , 2022, 290, 133316.	8.2	19
3	Drivers of Long-Term Land-Use Pressure in the Merguellil Wadi, Tunisia, Using DPSIR Approach and Remote Sensing. <i>Land</i> , 2022, 11, 138.	2.9	5
4	Parasitological Assessment of Sewage Sludge Samples for Potential Agricultural Reuse in Tunisia. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1657.	2.6	7
5	Areal Precipitation Coverage Ratio for Enhanced AI Modelling of Monthly Runoff: A New Satellite Data-Driven Scheme for Semi-Arid Mountainous Climate. <i>Remote Sensing</i> , 2022, 14, 270.	4.0	4
6	Viciaâ€“Micronucleus Test Application for Saline Irrigation Water Risk Assessment. <i>Plants</i> , 2022, 11, 462.	3.5	0
7	A Combination of Metaheuristic Optimization Algorithms and Machine Learning Methods Improves the Prediction of Groundwater Level. <i>Water (Switzerland)</i> , 2022, 14, 751.	2.7	15
8	A hybrid approach based on simulation, optimization, and estimation of conjunctive use of surface water and groundwater resources. <i>Environmental Science and Pollution Research</i> , 2022, 29, 56828-56844.	5.3	5
9	DynSus: Dynamic sustainability assessment in groundwater remediation practice. <i>Science of the Total Environment</i> , 2022, 832, 154992.	8.0	7
10	Urban Flood-Risk Assessment: Integration of Decision-Making and Machine Learning. <i>Sustainability</i> , 2022, 14, 4483.	3.2	21
11	Can Potato Crop on Sandy Soil Be Safely Irrigated with Heavy Metal Polluted Water?. <i>Water (Switzerland)</i> , 2022, 14, 1226.	2.7	1
12	Spatial Distribution and Source Identification of Water Quality Parameters of an Industrial Seaport Riverbank Area in Bangladesh. <i>Water (Switzerland)</i> , 2022, 14, 1356.	2.7	10
13	Quality Assessment and Rehabilitation of Mountain Forest in the Chongli Winter Olympic Games Area, China. <i>Forests</i> , 2022, 13, 783.	2.1	4
14	Groundwater Extraction Reduction within an Irrigation District by Enhancing the Surface Water Distribution. <i>Water (Switzerland)</i> , 2022, 14, 1610.	2.7	4
15	Evaluation of modified Hilhorst models for pore electrical conductivity estimation using a low-cost dielectric sensor. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	1.3	1
16	Urban flood damage claim analyses for improved flood damage assessment. <i>International Journal of Disaster Risk Reduction</i> , 2022, 77, 103099.	3.9	6
17	A probabilistic-deterministic analysis of human health risk related to the exposure to potentially toxic elements in groundwater of Urmia coastal aquifer (NW of Iran) with a special focus on arsenic speciation and temporal variation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 1509.	4.0	46
18	Assessment of hydro-geochemical properties of groundwater under the effect of desalination wastewater discharge in an arid area. <i>Environmental Science and Pollution Research</i> , 2021, 28, 6176-6194.	5.3	1

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19	Maize residue effects on PM2.5, PM10, and dust emission from agricultural land. <i>Soil and Tillage Research</i> , 2021, 205, 104738.	5.6	11
20	Impact of spatiotemporal land-use and land-cover changes on surface urban heat islands in a semiarid region using Landsat data. <i>International Journal of Digital Earth</i> , 2021, 14, 250-270.	3.9	26
21	Spatiotemporal variation of nitrate concentrations in soil and groundwater of an intensely polluted agricultural area. <i>Scientific Reports</i> , 2021, 11, 2598.	3.3	24
22	Spatial Characteristics of Groundwater Chemistry in Unzen, Nagasaki, Japan. <i>Water (Switzerland)</i> , 2021, 13, 426.	2.7	9
23	Efficient organic mulch thickness for soil and water conservation in urban areas. <i>Scientific Reports</i> , 2021, 11, 6259.	3.3	14
24	Drought impact in the Bolivian Altiplano agriculture associated with the El Niño–Southern Oscillation using satellite imagery data. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 995-1010.	3.6	13
25	Linear and Nonlinear Trend Analyzes in Global Satellite-Based Precipitation, 1998–2017. <i>Earth's Future</i> , 2021, 9, e2020EF001835.	6.3	11
26	Assessing data-scarce contaminated groundwater sites surrounding petrochemical industries. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	10
27	Nutrient and salinity management for spinach production under sprinkler irrigation in the low desert region of California. <i>Irrigation Science</i> , 2021, 39, 735-749.	2.8	6
28	A Comparative Analysis of Root Growth Modules in HYDRUS for SWC of Rice under Deficit Drip Irrigation. <i>Water (Switzerland)</i> , 2021, 13, 1892.	2.7	5
29	INSIDE-T: A Groundwater Contamination Transport Model for Sustainability Assessment in Remediation Practice. <i>Sustainability</i> , 2021, 13, 7596.	3.2	9
30	Quantitative Assessment of Environmental Sensitivity to Desertification Using the Modified MEDALUS Model in a Semiarid Area. <i>Sustainability</i> , 2021, 13, 7817.	3.2	18
31	Climate vs. Human Impact: Quantitative and Qualitative Assessment of Streamflow Variation. <i>Water (Switzerland)</i> , 2021, 13, 2404.	2.7	9
32	Groundwater nitrogen response to regional land-use management in South Japan. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	3
33	Novel approach for predicting groundwater storage loss using machine learning. <i>Journal of Environmental Management</i> , 2021, 296, 113237.	7.8	22
34	Is Climate or Direct Human Influence Responsible for Discharge Decrease in the Tunisian Merguellil Basin?. <i>Water (Switzerland)</i> , 2021, 13, 2748.	2.7	2
35	Effects of the Japanese 2016 Kumamoto Earthquake on Nitrate Content in Groundwater Supply. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 43.	2.0	4
36	Efficiency of Different <i>Moringa oleifera</i> (Lam.) Varieties as Natural Coagulants for Urban Wastewater Treatment. <i>Sustainability</i> , 2021, 13, 13500.	3.2	5

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37	HPI appraisal of concentrations of heavy metals in dynamic and static flow of Ganga River System. <i>Environment, Development and Sustainability</i> , 2020, 22, 33-46.	5.0	18
38	Integrated large-scale circulation impact on rainy season precipitation in the source region of the Yangtze River. <i>International Journal of Climatology</i> , 2020, 40, 2285-2295.	3.5	9
39	Temporal characteristics of groundwater chemistry affected by the 2016 Kumamoto earthquake using self-organizing maps. <i>Journal of Hydrology</i> , 2020, 582, 124519.	5.4	62
40	Desiccating Lake Urmia: A New Dust Source of Regional Importance. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020, 17, 1483-1487.	3.1	34
41	Evidence of climate shift for temperature and precipitation extremes across Gansu Province in China. <i>Theoretical and Applied Climatology</i> , 2020, 139, 1137-1149.	2.8	15
42	Systemic Inequity in Urban Flood Exposure and Damage Compensation. <i>Water (Switzerland)</i> , 2020, 12, 3152.	2.7	14
43	Access to sustainable electrification: Possibilities for rural Mozambique. <i>Cogent Engineering</i> , 2020, 7, 1765688.	2.2	5
44	Application of Advanced Machine Learning Algorithms to Assess Groundwater Potential Using Remote Sensing-Derived Data. <i>Remote Sensing</i> , 2020, 12, 2742.	4.0	46
45	The Future of Water Management in Central Asia. <i>Water (Switzerland)</i> , 2020, 12, 2241.	2.7	13
46	Impact of the Sediment Organic vs. Mineral Content on Distribution of the Per- and Polyfluoroalkyl Substances (PFAS) in Lake Sediment. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5642.	2.6	14
47	Fluoride occurrence and human health risk from groundwater use at the west coast of Urmia Lake, Iran. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	45
48	NDVI Dynamics and Its Response to Climate Change and Reforestation in Northern China. <i>Remote Sensing</i> , 2020, 12, 4138.	4.0	45
49	Application of extreme gradient boosting and parallel random forest algorithms for assessing groundwater spring potential using DEM-derived factors. <i>Journal of Hydrology</i> , 2020, 589, 125197.	5.4	78
50	INSIDE: An efficient guide for sustainable remediation practice in addressing contaminated soil and groundwater. <i>Science of the Total Environment</i> , 2020, 740, 139879.	8.0	15
51	Ground Validation of GPM IMERG Precipitation Products over Iran. <i>Remote Sensing</i> , 2020, 12, 48.	4.0	51
52	PODMT3DMS-Tool: proper orthogonal decomposition linked to the MT3DMS model for nitrate simulation in aquifers. <i>Hydrogeology Journal</i> , 2020, 28, 1125-1142.	2.1	13
53	Changes in Precipitation Extremes over the Source Region of the Yellow River and Its Relationship with Teleconnection Patterns. <i>Water (Switzerland)</i> , 2020, 12, 978.	2.7	10
54	Use of Heavy Metal Content and Modified Water Quality Index to Assess Groundwater Quality in a Semiarid Area. <i>Water (Switzerland)</i> , 2020, 12, 1115.	2.7	48

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55	Earthquake effects on artificial groundwater recharge efforts in south Japan. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	4
56	Application of remote sensing techniques and machine learning algorithms in dust source detection and dust source susceptibility mapping. <i>Ecological Informatics</i> , 2020, 56, 101059.	5.2	61
57	Evaluation of a new X-band weather radar for operational use in south Sweden. <i>Water Science and Technology</i> , 2020, 81, 1623-1635.	2.5	4
58	Analysis of earthquake-induced groundwater level change using self-organizing maps. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	16
59	Use of sterols to monitor surface water quality change and nitrate pollution source. <i>Ecological Indicators</i> , 2019, 107, 105534.	6.3	15
60	Social Acceptability of Flood Management Strategies under Climate Change Using Contingent Valuation Method (CVM). <i>Sustainability</i> , 2019, 11, 5053.	3.2	11
61	Modeling of Fertilizer Transport for Various Fertigation Scenarios under Drip Irrigation. <i>Water (Switzerland)</i> , 2019, 11, 893.	2.7	18
62	Spatiotemporal Changes in Precipitation and Temperature in the Huaibei Plain and the Relation between Local Precipitation and Global Teleconnection Patterns. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, 05019019.	1.9	1
63	On the Predictability of Daily Rainfall during Rainy Season over the Huaihe River Basin. <i>Water (Switzerland)</i> , 2019, 11, 916.	2.7	13
64	Inverse method using boosted regression tree and k-nearest neighbor to quantify effects of point and non-point source nitrate pollution in groundwater. <i>Journal of Cleaner Production</i> , 2019, 228, 1248-1263.	9.3	85
65	Temporal trends and sedimentâ€™ water partitioning of per- and polyfluoroalkyl substances (PFAS) in lake sediment. <i>Chemosphere</i> , 2019, 227, 624-629.	8.2	56
66	Recent and future trends in sea surface temperature across the Persian Gulf and Gulf of Oman. <i>PLoS ONE</i> , 2019, 14, e0212790.	2.5	55
67	Modelling Lake Titicaca's daily and monthly evaporation. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 657-668.	4.9	24
68	Drivers of changing urban flood risk: A framework for action. <i>Journal of Environmental Management</i> , 2019, 240, 47-56.	7.8	102
69	Climate Change Impact on Flood Frequency and Source Area in Northern Iran under CMIP5 Scenarios. <i>Water (Switzerland)</i> , 2019, 11, 273.	2.7	61
70	Mini-Grid Hydropower for Rural Electrification in Mozambique: Meeting Local Needs with Supply in a Nexus Approach. <i>Water (Switzerland)</i> , 2019, 11, 305.	2.7	13
71	Influence of Root Distribution on Preferential Flow in Deciduous and Coniferous Forest Soils. <i>Forests</i> , 2019, 10, 986.	2.1	26
72	Laboratory Calibration and Field Validation of Soil Water Content and Salinity Measurements Using the 5TE Sensor. <i>Sensors</i> , 2019, 19, 5272.	3.8	12

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73	Multi-Space Seasonal Precipitation Prediction Model Applied to the Source Region of the Yangtze River, China. <i>Water</i> (Switzerland), 2019, 11, 2440.	2.7	2
74	Evaluation of CMIP5 models for west and southwest Iran using TOPSIS-based method. <i>Theoretical and Applied Climatology</i> , 2019, 137, 533-543.	2.8	47
75	Precipitation variability and its relation to climate anomalies in the Bolivian Altiplano. <i>International Journal of Climatology</i> , 2019, 39, 2096-2107.	3.5	26
76	A critical review on the application of the National Sanitation Foundation Water Quality Index. <i>Environmental Pollution</i> , 2019, 244, 575-587.	7.5	147
77	Water in Kazakhstan, a key in Central Asian water management. <i>Hydrological Sciences Journal</i> , 2018, 63, 752-762.	2.6	33
78	Regionalization of precipitation characteristics in Iran's Lake Urmia basin. <i>Theoretical and Applied Climatology</i> , 2018, 132, 363-373.	2.8	47
79	Temporal and depth variation of water quality due to thermal stratification in Karkheh Reservoir, Iran. <i>Journal of Hydrology: Regional Studies</i> , 2018, 19, 279-286.	2.4	30
80	Hydrogeochemical evolution of groundwater in a Quaternary sediment and Cretaceous sandstone unconfined aquifer in Northwestern China. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	10
81	Relationship between water quality and macro-scale parameters (land use, erosion, geology, and) Tj ETQq1 1 0.784314 rgBT /Overloc 1588-1600.	8.0	45
82	Simplified SMA-inspired 1-parameter SCS-CN model for runoff estimation. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	10
83	Groundwater Pollution Sources Apportionment in the Ghaen Plain, Iran. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 172.	2.6	49
84	Surface water chemistry and nitrate pollution in Shimabara, Nagasaki, Japan. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	15
85	Protozoan Parasites in Drinking Water: A System Approach for Improved Water, Sanitation and Hygiene in Developing Countries. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 495.	2.6	139
86	Evolutionary polynomial regression approach to predict longitudinal dispersion coefficient in rivers. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2018, , jws2018021.	1.4	8
87	Field experiment and numerical simulation of point source irrigation with multiple tracers. <i>PLoS ONE</i> , 2018, 13, e0190500.	2.5	0
88	Impact of complexity on daily and multi-step forecasting of streamflow with chaotic, stochastic, and black-box models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 661-682.	4.0	26
89	Classification of groundwater chemistry in Shimabara, using self-organizing maps. <i>Hydrology Research</i> , 2017, 48, 840-850.	2.7	25
90	Using Floodwater for Artificial Recharge and Spate Irrigation. , 2017, , 697-736.		2

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91	On the use of coprostanol to identify source of nitrate pollution in groundwater. <i>Journal of Hydrology</i> , 2017, 550, 663-668.	5.4	39
92	Hydrologic Response of Climate Change in the Source Region of the Yangtze River, Based on Water Balance Analysis. <i>Water (Switzerland)</i> , 2017, 9, 115.	2.7	20
93	Could Changing Power Relationships Lead to Better Water Sharing in Central Asia?. <i>Water (Switzerland)</i> , 2017, 9, 139.	2.7	30
94	ENSO Influence on Rainy Season Precipitation over the Yangtze River Basin. <i>Water (Switzerland)</i> , 2017, 9, 469.	2.7	10
95	Modeling of Salt Sorption in Volcanic Ash Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 2594-2600.	1.4	1
96	Impact of ENSO regimes on developing- and decaying-phase precipitation during rainy season in China. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 5415-5426.	4.9	36
97	The effects of ocean SST dipole on Mongolian summer rainfall. <i>Geofizika</i> , 2017, 34, 199-218.	0.4	3
98	Role of Hydrological Studies for the Development of the TDPS System. <i>Water (Switzerland)</i> , 2016, 8, 144.	2.7	13
99	Summer precipitation prediction in the source region of the Yellow River using climate indices. <i>Hydrology Research</i> , 2016, 47, 847-856.	2.7	34
100	The Mass Balance of Glacier No. 1 at the Headwaters of the Urumqi River in Relation to Northern Hemisphere Teleconnection Patterns. <i>Water (Switzerland)</i> , 2016, 8, 100.	2.7	7
101	Water Related Health Problems in Central Asiaâ€”A Review. <i>Water (Switzerland)</i> , 2016, 8, 219.	2.7	58
102	Re-Thinking Urban Flood Managementâ€”Time for a Regime Shift. <i>Water (Switzerland)</i> , 2016, 8, 332.	2.7	84
103	Access to Drinking Water and Sanitation in Rural Kazakhstan. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1115.	2.6	22
104	Groundwater geochemistry of a nitrate-contaminated agricultural site. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	19
105	Spatial trends of nitrate pollution and groundwater chemistry in Shimabara, Nagasaki, Japan. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	53
106	Regional sea-surface temperatures explain spatial and temporal variation of summer precipitation in the source region of the Yellow River. <i>Hydrological Sciences Journal</i> , 2016, 61, 1383-1394.	2.6	23
107	The Nile and the Grand Ethiopian Renaissance Dam: Is There a Meeting Point between Nationalism and Hydrosolidarity?. <i>Journal of Contemporary Water Research and Education</i> , 2015, 155, 73-82.	0.7	31
108	Investigating Willingness to Pay to Improve Water Supply Services: Application of Contingent Valuation Method. <i>Water (Switzerland)</i> , 2015, 7, 3024-3039.	2.7	55

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109	Modeling Solute Transport by DLA in Soils of Northeastern Egypt. PLoS ONE, 2015, 10, e0119943.	2.5	1
110	Challenges of Traditional Rainwater Harvesting Systems in Tunisia. Middle East Critique, 2015, 24, 289-306.	0.3	7
111	Artificial recharge by floodwater spreading estimated by water balances and groundwater modelling in arid Iran. Hydrological Sciences Journal, 2015, 60, 336-350.	2.6	48
112	Development of a Modified SMA Based MSCS-CN Model for Runoff Estimation. Water Resources Management, 2015, 29, 4111-4127.	3.9	52
113	Hydro Climatic Trend and Periodicity for the Source Region of the Yellow River. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	1.9	38
114	Catchment Classification Framework in Hydrology: Challenges and Directions. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	1.9	58
115	Diurnal Fluctuation of Groundwater Levels Caused by the Invasive Alien Mesquite Plant. Arid Land Research and Management, 2014, 28, 242-246.	1.6	6
116	Phase-space reconstruction and self-exciting threshold modeling approach to forecast lake water levels. Stochastic Environmental Research and Risk Assessment, 2014, 28, 955-971.	4.0	27
117	Adaptation of surface water supply to climate change in central Iran. Journal of Water and Climate Change, 2014, 5, 391-407.	2.9	28
118	SPATE IRRIGATION OF BARLEY THROUGH FLOODWATER HARVESTING IN THE GAREH-BYGONE PLAIN, IRAN. Irrigation and Drainage, 2014, 63, 599-611.	1.7	16
119	Numerical evaluation of subsurface trickle irrigation with brackish water. Irrigation Science, 2013, 31, 1125-1137.	2.8	17
120	SIMULATION OF SOIL WATER AND SALINITY DISTRIBUTION UNDER SURFACE DRIP IRRIGATION. Irrigation and Drainage, 2013, 62, 352-362.	1.7	28
121	Assessment of soil salinization risks under irrigation with brackish water in semiarid Tunisia. Environmental and Experimental Botany, 2013, 92, 176-185.	4.2	73
122	Soil Water and Salinity Distribution under Different Treatments of Drip Irrigation. Soil Science Society of America Journal, 2013, 77, 1144-1156.	2.2	45
123	Natural vs. artificial groundwater recharge, quantification through inverse modeling. Hydrology and Earth System Sciences, 2013, 17, 637-650.	4.9	50
124	Hydrological Response to Climate Change for Gilgel Abay River, in the Lake Tana Basin - Upper Blue Nile Basin of Ethiopia. PLoS ONE, 2013, 8, e79296.	2.5	134
125	Historical aspects of soil erosion in the Mejerda catchment, Tunisia. Hydrological Sciences Journal, 2012, 57, 901-912.	2.6	13
126	Influence of geometric design of alternate partial root-zone subsurface drip irrigation (APRSDI) with brackish water on soil moisture and salinity distribution. Agricultural Water Management, 2012, 103, 182-190.	5.6	32



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127	Canopy storage capacity of xerophytic shrubs in Northwestern China. <i>Journal of Hydrology</i> , 2012, 454-455, 152-159.	5.4	58
128	On the importance of hysteresis and heterogeneity in the numerical simulation of unsaturated flow. <i>Hydrological Research Letters</i> , 2012, 6, 59-64.	0.5	5
129	Syrian Water Resources between the present and the Future. <i>Air, Soil and Water Research</i> , 2011, 4, ASWR.S8076.	2.5	8
130	Desert shrub stemflow and its significance in soil moisture replenishment. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 561-567.	4.9	66
131	Potential fresh water saving using greywater in toilet flushing in Syria. <i>Journal of Environmental Management</i> , 2011, 92, 2447-2453.	7.8	81
132	Modeling Solute Transport in Volcanic Ash Soils with Cation Exchange and Anion Retardation. <i>Environmental Modeling and Assessment</i> , 2011, 16, 335-342.	2.2	2
133	SUMMARY AND FUTURE. , 2010, , 463-477.		2
134	Development of a Regional Non-dimensional Return Period Flood Model. <i>Water Resources Management</i> , 2010, 24, 1425-1439.	3.9	4
135	Multi-criteria Decision Analysis (MCDA) for Integrated Water Resources Management (IWRM) in the Lake Poopo Basin, Bolivia. <i>Water Resources Management</i> , 2010, 24, 2267-2289.	3.9	95
136	Spatial soil loss risk and reservoir siltation in semi-arid Tunisia. <i>Hydrological Sciences Journal</i> , 2010, 55, 121-137.	2.6	37
137	NONLINEAR DYNAMICS AND CHAOS IN HYDROLOGY. , 2010, , 411-461.		8
138	Modeling and prediction of complex environmental systems. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 861-862.	4.0	7
139	Characterization of insolubilized humic acid and its sorption behaviors. <i>Environmental Geology</i> , 2009, 57, 1847-1853.	1.2	18
140	Effects of land-use change on groundwater recharge model parameters. <i>Hydrological Sciences Journal</i> , 2009, 54, 300-315.	2.6	40
141	Soil heterogeneity effects on acid flushing of lead-contaminated soil. <i>Environmental Modeling and Assessment</i> , 2008, 13, 121-134.	2.2	4
142	Comparison of soil salinity and solute transport for different cultivated soil types in northeastern Egypt / Comparaison de la salinité du sol et du transport de solutés pour différents types de sols cultivés du nord-est de l'Égypte. <i>Hydrological Sciences Journal</i> , 2008, 53, 466-478.	2.6	3
143	Soil water content and salinity determination using different dielectric methods in saline gypsiferous soil / Détermination de la teneur en eau et de la salinité de sols salins gypseux à l'aide de différentes méthodes diélectriques. <i>Hydrological Sciences Journal</i> , 2008, 53, 253-265.	2.6	39
144	Interpolating monthly precipitation by self-organizing map (SOM) and multilayer perceptron (MLP). <i>Hydrological Sciences Journal</i> , 2007, 52, 305-317.	2.6	44

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145	Closure to "Hybrid Model for Derivation of Synthetic Unit Hydrograph" by P. K. Bhunya, N. C. Ghosh, S. K. Mishra, C. S. P. Ojha, and R. Berndtsson. Journal of Hydrologic Engineering - ASCE, 2007, 12, 546-547.	1.9	0
146	Identification of typical synoptic patterns causing heavy rainfall in the rainy season in Japan by a Self-Organizing Map. Atmospheric Research, 2007, 83, 185-200.	4.1	74
147	Regionalizing fine time-scale rainfall affected by topography in semi-arid Tunisia / Régionalisation de la pluie à pas de temps fins affectée par la topographie en Tunisie semi-aride. Hydrological Sciences Journal, 2007, 52, 1199-1215.	2.6	17
148	Effect of land alignment and spatial soil salinity distribution on clover and sugar beet yield. Archives of Agronomy and Soil Science, 2007, 53, 391-403.	2.6	1
149	Suitability of Gamma, Chi-square, Weibull, and Beta distributions as synthetic unit hydrographs. Journal of Hydrology, 2007, 334, 28-38.	5.4	65
150	Effects of surface characteristics on infiltration patterns in an arid shrub desert. Hydrological Processes, 2007, 21, 72-79.	2.6	98
151	Monthly runoff simulation: Comparing and combining conceptual and neural network models. Journal of Hydrology, 2006, 321, 344-363.	5.4	75
152	Hydrogeochemical properties of a salinity-affected coastal aquifer in western Japan. Hydrological Processes, 2006, 20, 1425-1435.	2.6	23
153	Closure to "Parameter Estimation of Beta Distribution for Unit Hydrograph Derivation" by P. K. Bhunya, S. K. Mishra, C. S. P. Ojha, and Ronny Berndtsson. Journal of Hydrologic Engineering - ASCE, 2006, 11, 196-198.	1.9	0
154	Sorption kinetics of naphthalene and phenanthrene in loess soils. Environmental Geology, 2005, 47, 467-474.	1.2	14
155	Saltwater intrusion in coastal aquifer ??? comparison between the CIP and MOC simulation technique. Environmental Modeling and Assessment, 2005, 10, 323-329.	2.2	10
156	Closure to "Simplified Two-Parameter Gamma Distribution for Derivation of Synthetic Unit Hydrograph" by P. K. Bhunya, S. K. Mishra, and Ronny Berndtsson. Journal of Hydrologic Engineering - ASCE, 2005, 10, 521-522.	1.9	4
157	Hybrid Model for Derivation of Synthetic Unit Hydrograph. Journal of Hydrologic Engineering - ASCE, 2005, 10, 458-467.	1.9	24
158	Educating the compassionate water engineer "a remedy to avoid future water management failures? / Former des spécialistes de l'eau citoyens "une solution pour éviter de futurs échecs en gestion de l'eau?. Hydrological Sciences Journal, 2005, 50, .	2.6	4
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