

Zbigniew Kundzewicz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

208
papers

10,729
citations

45
h-index

100
g-index

233
ext. papers

12,416
ext. citations

3.9
avg, IF

6.48
L-index

#	Paper	IF	Citations
208	Changes in extreme precipitation across South Asia for each 0.5 °C of warming from 1.5 °C to 3.0°C above pre-industrial levels. <i>Atmospheric Research</i> , 2022 , 266, 105961	5.4	3
207	China's Socioeconomic and CO2 Status Concerning Future Land-Use Change under the Shared Socioeconomic Pathways. <i>Sustainability</i> , 2022 , 14, 3065	3.6	0
206	Projected climate change and its impacts on glaciers and water resources in the headwaters of the Tarim River, NW China/Kyrgyzstan. <i>Climatic Change</i> , 2022 , 171, 1	4.5	2
205	Detection of trends in observed river floods in Poland. <i>Journal of Hydrology: Regional Studies</i> , 2022 , 41, 101098	3.6	
204	Climate Variability Indices – Guided Tour. <i>Geosciences (Switzerland)</i> , 2021 , 11, 128	2.7	2
203	Machine Learning Modeling of Climate Variability Impact on River Runoff. <i>Water (Switzerland)</i> , 2021 , 13, 1177	3	2
202	Synchronous Characteristics of Precipitation Extremes in the Yangtze and Murray-Darling River Basins and the Role of ENSO. <i>Journal of Meteorological Research</i> , 2021 , 35, 282-294	2.3	1
201	Floods and the COVID-19 pandemic-A new double hazard problem. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021 , 8, e1509	5.7	25
200	Atmospheric Temperature and CO2: Hen-Or-Egg Causality?. <i>Sci</i> , 2020 , 2, 83	0.7	6
199	Severe Drought in the Spring of 2020 in Poland – More of the Same?. <i>Agronomy</i> , 2020 , 10, 1646	3.6	13
198	Atmospheric Temperature and CO2: Hen-or-Egg Causality?. <i>Sci</i> , 2020 , 2, 77	0.7	1
197	Atmospheric Temperature and CO2: Hen-or-Egg Causality?. <i>Sci</i> , 2020 , 2, 81	0.7	
196	Distribution pattern of Tugai forests species diversity and their relationship to environmental factors in an arid area of China. <i>PLoS ONE</i> , 2020 , 15, e0232907	3.7	8
195	Each 0.5°C of Warming Increases Annual Flood Losses in China by More than US\$60 Billion. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E1464-E1474	6.1	16
194	Model-based reconstruction and projections of soil moisture anomalies and crop losses in Poland. <i>Theoretical and Applied Climatology</i> , 2020 , 140, 691-708	3	6
193	Choice of potential evapotranspiration formulas influences drought assessment: A case study in China. <i>Atmospheric Research</i> , 2020 , 242, 104979	5.4	19
192	Comparison of Changing Population Exposure to Droughts in River Basins of the Tarim and the Indus. <i>Earth's Future</i> , 2020 , 8, e2019EF001448	7.9	10

191	From Atmosphere to climate action. <i>Environmental Science and Policy</i> , 2020 , 105, 75-83	6.2	15
190	Atmospheric Temperature and CO2: Hen-or-Egg Causality?. <i>Sci</i> , 2020 , 2, 72	0.7	0
189	Variability of global mean annual temperature is significantly influenced by the rhythm of ocean-atmosphere oscillations. <i>Science of the Total Environment</i> , 2020 , 747, 141256	10.2	12
188	Grappling with uncertainties in physical climate impact projections of water resources. <i>Climatic Change</i> , 2020 , 163, 1379-1397	4.5	1
187	Flood risk and its reduction in China. <i>Advances in Water Resources</i> , 2019 , 130, 37-45	4.7	64
186	Reduction of flood risk in Europe [Reflections from a reinsurance perspective. <i>Journal of Hydrology</i> , 2019 , 576, 197-209	6	34
185	Subsampling Impact on the Climate Change Signal over Poland Based on Simulations from Statistical and Dynamical Downscaling. <i>Journal of Applied Meteorology and Climatology</i> , 2019 , 58, 1061-1078	2.7	13
184	Development of an Ice Jam Flood Forecasting System for the Lower Oder River [Requirements for Real-Time Predictions of Water, Ice and Sediment Transport. <i>Water (Switzerland)</i> , 2019 , 11, 95	3	8
183	Water Cycle 2019 , 219-225		
182	Heat-related mortality during hot summers in Polish cities. <i>Theoretical and Applied Climatology</i> , 2019 , 136, 1259-1273	3	21
181	Observed changes in extreme precipitation in Poland: 1991-2015 versus 1961-1990. <i>Theoretical and Applied Climatology</i> , 2019 , 135, 773-787	3	34
180	Tens of thousands additional deaths annually in cities of China between 1.5 °C and 2.0 °C warming. <i>Nature Communications</i> , 2019 , 10, 3376	17.4	55
179	Climate Variability and Floods [A global Review. <i>Water (Switzerland)</i> , 2019 , 11, 1399	3	32
178	Flood risk in a range of spatial perspectives [From global to local scales. <i>Natural Hazards and Earth System Sciences</i> , 2019 , 19, 1319-1328	3.9	26
177	Changes in risk of extreme weather events in Europe. <i>Environmental Science and Policy</i> , 2019 , 100, 74-83	6.2	45
176	Snow-Cover Area and Runoff Variation under Climate Change in the West Kunlun Mountains. <i>Water (Switzerland)</i> , 2019 , 11, 2246	3	8
175	Observed changes in precipitation totals in Poland. <i>Geografie-Sbornik CGS</i> , 2019 , 124, 237-264	1.1	8
174	Modelling Climate Change [Impact on the Hydrology of Natura 2000 Wetland Habitats in the Vistula and Odra River Basins in Poland. <i>Water (Switzerland)</i> , 2019 , 11, 2191	3	7

173	Impacts of 1.5 °C and 2 °C global warming on winter snow depth in Central Asia. <i>Science of the Total Environment</i> , 2019 , 651, 2866-2873	10.2	31
172	Climate Change in the Media: Poland – Exceptionalism. <i>Environmental Communication</i> , 2019 , 13, 366-380	2.6	13
171	Flood Risk from a Holistic Perspective – Observed Changes in Germany 2019 , 212-237		6
170	Detection and Attribution of Changes in Water Resources 2019 , 422-434		5
169	Changing Floods in Europe 2019 , 83-96		12
168	Historical Floods in Europe in the Past Millennium 2019 , 121-166		23
167	Comprehensive approach to the reduction of river flood risk: Case study of the Upper Vistula Basin. <i>Science of the Total Environment</i> , 2018 , 631-632, 1251-1267	10.2	18
166	How the performance of hydrological models relates to credibility of projections under climate change. <i>Hydrological Sciences Journal</i> , 2018 , 63, 696-720	3.5	81
165	Projections of runoff in the Vistula and the Odra river basins with the help of the SWAT model 2018 , 49, 303-317		20
164	Changes in river flood hazard in Europe: a review 2018 , 49, 294-302		39
163	Uncertainty in climate change impacts on water resources. <i>Environmental Science and Policy</i> , 2018 , 79, 1-8	6.2	141
162	Projections of actual evapotranspiration under the 1.5 °C and 2.0 °C global warming scenarios in sandy areas in northern China. <i>Science of the Total Environment</i> , 2018 , 645, 1496-1508	10.2	19
161	Trend detection in river flow indices in Poland. <i>Acta Geophysica</i> , 2018 , 66, 347-360	2.2	31
160	Opinion: Flood-risk reduction: Structural measures and diverse strategies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 12321-12325	11.5	53
159	Governance Strategies for Improving Flood Resilience in the Face of Climate Change. <i>Water (Switzerland)</i> , 2018 , 10, 1595	3	33
158	Assessment of climate change and associated impact on selected sectors in Poland. <i>Acta Geophysica</i> , 2018 , 66, 1509-1523	2.2	34
157	Drought losses in China might double between the 1.5 °C and 2.0 °C warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10600-10605	11.5	165
156	Inconvenience versus Rationality: Reflections on Different Faces of Climate Contrarianism in Poland and Norway. <i>Weather, Climate, and Society</i> , 2018 , 10, 821-836	2.3	6

155	Quo vadis, hydrology?. <i>Hydrological Sciences Journal</i> , 2018 , 63, 1118-1132	3.5	1
154	The heat goes on! Changes in indices of hot extremes in Poland. <i>Theoretical and Applied Climatology</i> , 2017 , 129, 459-471	3	28
153	Hydrological modelling of the Vistula and Odra river basins using SWAT. <i>Hydrological Sciences Journal</i> , 2017 , 62, 1266-1289	3.5	28
152	Changes in low and high flows in the Vistula and the Odra basins: Model projections in the European-scale context. <i>Hydrological Processes</i> , 2017 , 31, 2210-2225	3.3	21
151	Regional projections of temperature and precipitation changes: Robustness and uncertainty aspects.. <i>Meteorologische Zeitschrift</i> , 2017 , 26, 223-234	3.1	35
150	Adaptation to flood risk: Results of international paired flood event studies. <i>Earth's Future</i> , 2017 , 5, 953-965	3.65	111
149	Comparative study of different wavelets for developing parsimonious Volterra model for rainfall-runoff simulation. <i>Water Resources</i> , 2017 , 44, 568-578	0.9	2
148	What can we learn from the projections of changes of flow patterns? Results from Polish case studies. <i>Acta Geophysica</i> , 2017 , 65, 809-827	2.2	11
147	Challenges for developing national climate services [Poland and Norway]. <i>Climate Services</i> , 2017 , 8, 17-25	3.8	14
146	Changes of flood risk on the northern foothills of the Tatra Mountains. <i>Acta Geophysica</i> , 2017 , 65, 799-807	2	7
145	Changes of snow cover in Poland. <i>Acta Geophysica</i> , 2017 , 65, 65-76	2.2	25
144	Are modern metaheuristics successful in calibrating simple conceptual rainfall-runoff models?. <i>Hydrological Sciences Journal</i> , 2017 , 62, 606-625	3.5	16
143	Projections of changes in heavy precipitation in the northern foothills of the Tatra Mountains. <i>Meteorology Hydrology and Water Management</i> , 2017 , 5, 21-30	2.2	3
142	CHASE-PL Climate Projection dataset over Poland [bias adjustment of EURO-CORDEX simulations. <i>Earth System Science Data</i> , 2017 , 9, 905-925	10.5	25
141	Hochwasser und Sturzfluten an Flüssen in Deutschland 2017 , 87-101		3
140	Predictors of precipitation for improved water resources management in the Tarim River basin: Creating a seasonal forecast model. <i>Journal of Arid Environments</i> , 2016 , 125, 31-42	2.5	18
139	Changes of temperature-related agroclimatic indices in Poland. <i>Theoretical and Applied Climatology</i> , 2016 , 124, 401-410	3	25
138	Floods in Mountain Basins. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 23-37	0.1	4

137	Anatomy of Flood Risk. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 39-52	0.1	5
136	Flood Generation Mechanisms and Changes in Principal Drivers. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 55-75	0.1	8
135	Extreme Weather Events and their Consequences. <i>Papers on Global Change IGBP</i> , 2016 , 23, 59-69		10
134	Decadal variability of floods in the northern foreland of the Tatra Mountains. <i>Regional Environmental Change</i> , 2016 , 16, 603-615	4.3	22
133	Variability of Flood Frequency and Magnitude During the Late 20th and Early 21st Centuries in the Northern Foreland of the Tatra Mountains. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 231-256	0.1	2
132	History of Floods on the Upper Vistula. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 279-292	0.1	9
131	Projections of Precipitation in the Northern Foothills of the Tatra Mountains. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 311-329	0.1	1
130	Hydroclimatic Projections for the Upper Vistula Basin. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 331-339	0.1	3
129	Stability and Change of Flood Risk Governance in Poland. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 381-398	0.1	3
128	Flood Risk Reduction Opportunities for Learning. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 399-418	0.1	1
127	Observed Changes in Air Temperature and Precipitation and Relationship between them, in the Upper Vistula Basin. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 155-187	0.1	8
126	Variability of snow cover and frost depth at the Potsdam station, Germany. <i>Geografie-Sbornik CGS</i> , 2016 , 121, 493-520	1.1	1
125	Climate Change Impacts and Adaptation in Water and Land Context 2016 , 11-39		
124	Brief Communication: An update of the article "Modelling flood damages under climate change conditions – a case study for Germany". <i>Natural Hazards and Earth System Sciences</i> , 2016 , 16, 1617-1622	3.9	9
123	The European Union approach to flood risk management and improving societal resilience: lessons from the implementation of the Floods Directive in six European countries. <i>Ecology and Society</i> , 2016 , 21,	4.1	59
122	Toward more resilient flood risk governance. <i>Ecology and Society</i> , 2016 , 21,	4.1	62
121	Toward more flood resilience: Is a diversification of flood risk management strategies the way forward?. <i>Ecology and Society</i> , 2016 , 21,	4.1	86
120	Projections of Changes in Flood Hazard in Two Headwater Catchments of the Vistula in the Context of European-Scale Studies. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 341-359	0.1	4

119	Recurrent Governance Challenges in the Implementation and Alignment of Flood Risk Management Strategies: a Review. <i>Water Resources Management</i> , 2016 , 30, 4467-4481	3.7	39
118	Differences in flood hazard projections in Europe – their causes and consequences for decision making. <i>Hydrological Sciences Journal</i> , 2016 ,	3.5	56
117	Modelling climate and land-use change impacts with SWIM: lessons learnt from multiple applications. <i>Hydrological Sciences Journal</i> , 2015 , 60, 606-635	3.5	35
116	Analysis of changes in climate and river discharge with focus on seasonal runoff predictability in the Aksu River Basin. <i>Environmental Earth Sciences</i> , 2015 , 73, 501-516	2.9	41
115	Variability of high rainfalls and related synoptic situations causing heavy floods at the northern foothills of the Tatra Mountains. <i>Theoretical and Applied Climatology</i> , 2015 , 119, 273-284	3	58
114	Analysis of current trends in climate parameters, river discharge and glaciers in the Aksu River basin (Central Asia). <i>Hydrological Sciences Journal</i> , 2015 , 60, 566-590	3.5	38
113	Grand Challenges Related to the Assessment of Climate Change Impacts on Freshwater Resources. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015 , 20,	1.8	15
112	Climate Change – Is It Worse Than Expected?. <i>Papers on Global Change IGBP</i> , 2015 , 22, 9-18		4
111	Preface: climate change proof flood risk management. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015 , 20, 837-843	3.9	5
110	On Critiques of ‘Stationarity is Dead: Whither Water Management?’ <i>Water Resources Research</i> , 2015 , 51, 7785-7789	5.4	150
109	Hydrological extremes and security. <i>Proceedings of the International Association of Hydrological Sciences</i> , 2015 , 366, 44-53		2
108	Floods at the northern foothills of the Tatra Mountains – A Polish-Swiss research project. <i>Acta Geophysica</i> , 2014 , 62, 620-641	2.2	47
107	On the future of journal publications in hydrology. <i>Water Resources Research</i> , 2014 , 50, 2795-2797	5.4	5
106	On the future of journal publications in hydrology 2014 , 45, 515-518		7
105	Fifth IPCC Assessment Report Now Out. <i>Papers on Global Change IGBP</i> , 2014 , 21, 9-27		1
104	Hydrometeorological Extremes and the Science-policy Interface: IPCC 2014 , 109-121		
103	Assessing the influence of the Merzbacher Lake outburst floods on discharge using the hydrological model SWIM in the Aksu headwaters, Kyrgyzstan/NW China. <i>Hydrological Processes</i> , 2014 , 28, 6337-6350	3.3	34
102	Understanding flood regime changes in Europe: a state-of-the-art assessment. <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 2735-2772	5.5	334

101	Joint Editorial "On the future of journal publications in hydrology". <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 2433-2435	5.5	2
100	Changes in thermal extremes in Poland. <i>Acta Geophysica</i> , 2014 , 62, 1435-1449	2.2	10
99	Flood risk and climate change: global and regional perspectives. <i>Hydrological Sciences Journal</i> , 2014 , 59, 1-28	3.5	698
98	Adapting flood preparedness tools to changing flood risk conditions: the situation in Poland??The preparation of this paper was funded from the EU FP7 STAR-FLOOD Project (STrengthening And Redesigning European FLOOD risk practices: Towards appropriate and resilient flood risk governance arrangements). This project also provided funding for the author's participation at the Joint Editorial	2.2	14
97	On the future of journal publications in hydrology. <i>Hydrological Sciences Journal</i> , 2014 , 59, 955-958	3.5	5
96	Hindcasting global temperature by evolutionary computation. <i>Acta Geophysica</i> , 2013 , 61, 732-751	2.2	6
95	Translating Water into Food: 2013 , 33-56		
94	Climatological drivers of changes in flood hazard in Germany. <i>Acta Geophysica</i> , 2013 , 61, 463-477	2.2	31
93	Effect of modelling scale on the assessment of climate change impact on river runoff. <i>Hydrological Sciences Journal</i> , 2013 , 58, 737-754	3.5	10
92	Large floods in Europe, 1985-2009. <i>Hydrological Sciences Journal</i> , 2013 , 58, 1-7	3.5	202
91	Asynchronous exposure to global warming: freshwater resources and terrestrial ecosystems. <i>Environmental Research Letters</i> , 2013 , 8, 034032	6.2	43
90	Modeling global temperature changes with genetic programming. <i>Computers and Mathematics With Applications</i> , 2012 , 64, 3717-3728	2.7	22
89	Natural risks: mitigation and adaptation. <i>Ecohydrology and Hydrobiology</i> , 2012 , 12, 3-8	2.8	8
88	Discharge projection in the Yangtze River basin under different emission scenarios based on the artificial neural networks. <i>Quaternary International</i> , 2012 , 282, 113-121	2	18
87	Climate change regional review: Poland. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2012 , 3, 297-318	3.4	42
86	Global change scenarios from the perspective of the past. <i>Ecohydrology and Hydrobiology</i> , 2011 , 11, 147-158		
85	The use of scenarios as the basis for combined assessment of climate change mitigation and adaptation. <i>Global Environmental Change</i> , 2011 , 21, 575-591	10.1	72
84	Nonstationarity in Water Resources [Central European Perspective]. <i>Journal of the American Water Resources Association</i> , 2011 , 47, 550-562	2.1	16

83	Model-Supported Impact Assessment for the Water Sector in Central Germany Under Climate Change – Case Study. <i>Water Resources Management</i> , 2011 , 25, 3113-3134	3.7	49
82	Water-related conflicts in urban areas in Poland. <i>Hydrological Sciences Journal</i> , 2011 , 56, 588-596	3.5	16
81	Intense Precipitation and High Floods – Observations and Projections 2011 , 130-142		1
80	Climate change and its effect on agriculture, water resources and human health sectors in Poland. <i>Natural Hazards and Earth System Sciences</i> , 2010 , 10, 1725-1737	3.9	53
79	Seasonal temperature extremes in Potsdam. <i>Acta Geophysica</i> , 2010 , 58, 1115-1133	2.2	22
78	Climate change and stream water quality in the multi-factor context. <i>Climatic Change</i> , 2010 , 103, 353-362	3.5	35
77	River flood risk and adaptation in Europe – Assessment of the present status. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010 , 15, 621-639	3.9	75
76	Assessing river flood risk and adaptation in Europe – Review of projections for the future. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010 , 15, 641-656	3.9	89
75	Impact and adaptation opportunities for European agriculture in response to climatic change and variability. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010 , 15, 657-679	3.9	73
74	Assessing risk and adaptation options to fires and windstorms in European forestry. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010 , 15, 681-701	3.9	70
73	Assessing adaptation to extreme weather events in Europe – Editorial. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010 , 15, 611-620	3.9	12
72	River Floods in the Changing Climate – Observations and Projections. <i>Water Resources Management</i> , 2010 , 24, 2633-2646	3.7	89
71	Will groundwater ease freshwater stress under climate change?. <i>Hydrological Sciences Journal</i> , 2009 , 54, 665-675	3.5	186
70	Recent anomalies of mean temperature of 12 consecutive months – Germany, Europe, Northern Hemisphere. <i>Theoretical and Applied Climatology</i> , 2009 , 95, 417-422	3	3
69	Simulation of extreme precipitation over the Yangtze River Basin using Wakeby distribution. <i>Theoretical and Applied Climatology</i> , 2009 , 96, 209-219	3	34
68	The potential for water conflict is on the increase. <i>Nature</i> , 2009 , 459, 31	50.4	16
67	Water and climate projections. <i>Hydrological Sciences Journal</i> , 2009 , 54, 406-415	3.5	15
66	Discharge of large Asian rivers – Observations and projections. <i>Quaternary International</i> , 2009 , 208, 4-10	2	17

65	Editorial Recycling paper vs recycling papers. <i>Hydrological Sciences Journal</i> , 2009 , 54, 3-4	3.5	1
64	The implications of projected climate change for freshwater resources and their management. <i>Hydrological Sciences Journal</i> , 2008 , 53, 3-10	3.5	54 ^o
63	Climate change impacts on the hydrological cycle. <i>Ecohydrology and Hydrobiology</i> , 2008 , 8, 195-203	2.8	45
62	Seasonal precipitation changes in the wet season and their influence on flood/drought hazards in the Yangtze River Basin, China. <i>Quaternary International</i> , 2008 , 186, 12-21	2	84
61	Climate change. Stationarity is dead: whither water management?. <i>Science</i> , 2008 , 319, 573-4	33.3	2737
60	Reply to discussions of Editorial Quantifying the impact of hydrological studies <i>Hydrological Sciences Journal</i> , 2008 , 53, 495-499	3.5	1
59	Detectable Trends in Hydroclimatical Variables During the Twentieth Century 2008 ,		1
58	Impacts of climate extremes on activity sectors –stakeholders–perspective. <i>Theoretical and Applied Climatology</i> , 2008 , 93, 117-132	3	11
57	Changes in monthly precipitation and flood hazard in the Yangtze River Basin, China. <i>International Journal of Climatology</i> , 2008 , 28, 1471-1481	3.5	94
56	Linear and non-linear scaling of the Yangtze River flow. <i>Hydrological Processes</i> , 2008 , 22, 1532-1536	3.3	4
55	Temperature-related climate extremes in the Potsdam observation record. <i>Geografie-Sbornik CGS</i> , 2008 , 113, 372-382	1.1	4
54	Editorial Quantifying the impact of hydrological studies. <i>Hydrological Sciences Journal</i> , 2007 , 52, 3-17	3.5	27
53	Warmest 12 consecutive months on record at the Potsdam meteorological station, Germany. <i>Weather</i> , 2007 , 62, 284-286	0.9	5
52	Measured effects of new lake surfaces on regional precipitation. <i>Hydrological Sciences Journal</i> , 2007 , 52, 936-955	3.5	5
51	Global freshwater resources for sustainable development. <i>Ecohydrology and Hydrobiology</i> , 2007 , 7, 125-134	2.8	5
50	History of floods on the River Vistula. <i>Hydrological Sciences Journal</i> , 2006 , 51, 799-817	3.5	59
49	Discussion of the article: Calder, I. R. & Aylward, B. (2006) Forest and Floods: Moving to an Evidencebased Approach to Watershed and Integrated Flood Management. <i>Water International</i> , 2006 , 31, 427-431	2.4	1
48	Editorial Welcome, Demetris, as HSJ Deputy Editor. <i>Hydrological Sciences Journal</i> , 2006 , 51, 987-988	3.5	

47	Historical hydrology Editorial. <i>Hydrological Sciences Journal</i> , 2006 , 51, 733-738	3.5	39
46	Historical hydrology for studying flood risk in Europe. <i>Hydrological Sciences Journal</i> , 2006 , 51, 739-764	3.5	202
45	Reply to discussions of Editorial The peer review system: prospects and challenges <i>Hydrological Sciences Journal</i> , 2006 , 51, 357-363	3.5	5
44	Regional Socio-economic and Environmental Changes and their Impacts on Water Resources on Example of Odra and Elbe Basins. <i>Water Resources Management</i> , 2006 , 20, 607-641	3.7	18
43	Editorial The peer-review system: prospects and challenges. <i>Hydrological Sciences Journal</i> , 2005 , 50,	3.5	13
42	Trend detection in river flow series: 1. Annual maximum flow / Détection de tendance dans des séries de débit fluvial: 1. Débit maximum annuel. <i>Hydrological Sciences Journal</i> , 2005 , 50,	3.5	155
41	Summer Floods in Central Europe [Climate Change Track?]. <i>Natural Hazards</i> , 2005 , 36, 165-189	3	151
40	Mortality in Flood Disasters 2005 , 197-206		9
39	Is the Frequency and Intensity of Flooding Changing in Europe? 2005 , 25-32		3
38	Floods in the IPCC TAR Perspective. <i>Natural Hazards</i> , 2004 , 31, 111-128	3	67
37	Change detection in hydrological records a review of the methodology / Revue méthodologique de la détection de changements dans les chroniques hydrologiques. <i>Hydrological Sciences Journal</i> , 2004 , 49, 7-19	3.5	426
36	Detectability of changes in hydrological records / Possibilité de détecter les changements dans les chroniques hydrologiques. <i>Hydrological Sciences Journal</i> , 2004 , 49, 39-51	3.5	78
35	Towards an improved flood preparedness system in China. <i>Hydrological Sciences Journal</i> , 2004 , 49,	3.5	6
34	Coping with variability and change: Floods and droughts. <i>Natural Resources Forum</i> , 2002 , 26, 263-274	2.2	32
33	Ecohydrology Seeking consensus on interpretation of the notion / Ecohydrologie la recherche d'un consensus sur l'interprétation de la notion. <i>Hydrological Sciences Journal</i> , 2002 , 47, 799-804	3.5	34
32	Floods in the context of climate change and variability. <i>Advances in Global Change Research</i> , 2002 , 225-247		8
31	Water problems of central and eastern Europe-a region in transition. <i>Hydrological Sciences Journal</i> , 2001 , 46, 883-896	3.5	14
30	Detection of change in river flow using phase randomization. <i>Hydrological Sciences Journal</i> , 2000 , 45, 547-558	3.5	39

29	Coping with Hydrological Extremes. <i>Water International</i> , 2000 , 25, 66-75	2.4	66
28	Flood protection and management: quo vadimus?. <i>Hydrological Sciences Journal</i> , 1999 , 44, 417-432	3.5	106
27	Flood protection Sustainability Issues. <i>Hydrological Sciences Journal</i> , 1999 , 44, 559-571	3.5	60
26	Dimensionality of Scandinavian river flow regimes. <i>Hydrological Sciences Journal</i> , 1999 , 44, 705-723	3.5	40
25	The Great Flood of 1997 in Poland. <i>Hydrological Sciences Journal</i> , 1999 , 44, 855-870	3.5	75
24	Extreme hydrological events, palaeo-information and climate change. <i>Hydrological Sciences Journal</i> , 1997 , 42, 765-779	3.5	23
23	Water resources for sustainable development. <i>Hydrological Sciences Journal</i> , 1997 , 42, 467-480	3.5	71
22	Climatic Change Impact on Water Resources in a Systems Perspective. <i>Water Resources Management</i> , 1997 , 11, 407-435	3.7	32
21	Quo Vadimus Hydrology. <i>Geophysical Monograph Series</i> , 1990 , 71-75	1.1	
20	Effect of choice of routing model on extreme flow statistics. <i>Hydrological Sciences Journal</i> , 1989 , 34, 139-156	3.5	
19	Attenuation and phase shift in linear flood routing. <i>Hydrological Sciences Journal</i> , 1989 , 34, 21-40	3.5	14
18	Moments and cumulants of linearized St. Venant equation. <i>Advances in Water Resources</i> , 1988 , 11, 92-100.	2.7	12
17	The hydrology of tomorrow. <i>Hydrological Sciences Journal</i> , 1986 , 31, 223-235	3.5	7
16	Physically based hydrological flood routing methods. <i>Hydrological Sciences Journal</i> , 1986 , 31, 237-261	3.5	10
15	A Discrete Conceptualization of a Volterra Series Model for Surface Runoff. <i>Water Resources Research</i> , 1986 , 22, 1413-1421	5.4	5
14	Nonlinear models of dynamic hydrology. <i>Hydrological Sciences Journal</i> , 1986 , 31, 163-185	3.5	19
13	Unified structural approach to linear flood routing. <i>Advances in Water Resources</i> , 1985 , 8, 37-43	4.7	6
12	On backwater effects in linear diffusion flood routing. <i>Hydrological Sciences Journal</i> , 1983 , 28, 391-402	3.5	25

11	Approximate translation in the Muskingum model. <i>Hydrological Sciences Journal</i> , 1982 , 27, 19-27	3,5	8
10	Lessons from River Floods in Central Europe, 1997-2010 128-135		
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1	Flood risk governance arrangements in Europe. <i>Proceedings of the International Association of Hydrological Sciences</i> , 369, 195-199		7