

Zbigniew Kundzewicz

List of Publications by Citations

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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	Climate change. Stationarity is dead: whither water management?. <i>Science</i> , 2008 , 319, 573-4	33.3	2737
207	Flood risk and climate change: global and regional perspectives. <i>Hydrological Sciences Journal</i> , 2014 , 59, 1-28	3.5	698
206	The implications of projected climate change for freshwater resources and their management. <i>Hydrological Sciences Journal</i> , 2008 , 53, 3-10	3.5	540
205	Change detection in hydrological records – 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
204	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
203	Large floods in Europe, 1985–2009. <i>Hydrological Sciences Journal</i> , 2013 , 58, 1-7	3.5	202
202	Historical hydrology for studying flood risk in Europe. <i>Hydrological Sciences Journal</i> , 2006 , 51, 739-764	3.5	202
201	Will groundwater ease freshwater stress under climate change?. <i>Hydrological Sciences Journal</i> , 2009 , 54, 665-675	3.5	186
200	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
199	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
198	Summer Floods in Central Europe [Climate Change Track?]. <i>Natural Hazards</i> , 2005 , 36, 165-189	3	151
197	On Critiques of Stationarity is Dead: Whither Water Management? <i>Water Resources Research</i> , 2015 , 51, 7785-7789	5.4	150
196	Uncertainty in climate change impacts on water resources. <i>Environmental Science and Policy</i> , 2018 , 79, 1-8	6.2	141
195	Adaptation to flood risk: Results of international paired flood event studies. <i>Earth's Future</i> , 2017 , 5, 953-965	3.5	111
194	Flood protection and management: quo vadimus?. <i>Hydrological Sciences Journal</i> , 1999 , 44, 417-432	3.5	106
193	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
192	Changes in Impacts of Climate Extremes: Human Systems and Ecosystems 231-290		93

191	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
190	River Floods in the Changing Climate. Observations and Projections. <i>Water Resources Management</i> , 2010 , 24, 2633-2646	3.7	89
189	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
188	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
187	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
186	Detectability of changes in hydrological records / Possibilit� de d�ecter les changements dans les chroniques hydrologiques. <i>Hydrological Sciences Journal</i> , 2004 , 49, 39-51	3.5	78
185	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
184	The Great Flood of 1997 in Poland. <i>Hydrological Sciences Journal</i> , 1999 , 44, 855-870	3.5	75
183	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
182	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
181	Water resources for sustainable development. <i>Hydrological Sciences Journal</i> , 1997 , 42, 467-480	3.5	71
180	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
179	Floods in the IPCC TAR Perspective. <i>Natural Hazards</i> , 2004 , 31, 111-128	3	67
178	Coping with Hydrological Extremes. <i>Water International</i> , 2000 , 25, 66-75	2.4	66
177	Flood risk and its reduction in China. <i>Advances in Water Resources</i> , 2019 , 130, 37-45	4.7	64
176	Toward more resilient flood risk governance. <i>Ecology and Society</i> , 2016 , 21,	4.1	62
175	Flood protection. Sustainability Issues. <i>Hydrological Sciences Journal</i> , 1999 , 44, 559-571	3.5	60
174	History of floods on the River Vistula. <i>Hydrological Sciences Journal</i> , 2006 , 51, 799-817	3.5	59

173	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
172	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
171	Differences in flood hazard projections in Europe – their causes and consequences for decision making. <i>Hydrological Sciences Journal</i> , 2016 ,	3.5	56
170	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
169	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
168	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
167	Model-Supported Impact Assessment for the Water Sector in Central Germany Under Climate Change – A Case Study. <i>Water Resources Management</i> , 2011 , 25, 3113-3134	3.7	49
166	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
165	Changes in risk of extreme weather events in Europe. <i>Environmental Science and Policy</i> , 2019 , 100, 74-836.2		45
164	Climate change impacts on the hydrological cycle. <i>Ecohydrology and Hydrobiology</i> , 2008 , 8, 195-203	2.8	45
163	Asynchronous exposure to global warming: freshwater resources and terrestrial ecosystems. <i>Environmental Research Letters</i> , 2013 , 8, 034032	6.2	43
162	Climate change regional review: Poland. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2012 , 3, 297-318.4	18.4	42
161	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
160	Dimensionality of Scandinavian river flow regimes. <i>Hydrological Sciences Journal</i> , 1999 , 44, 705-723	3.5	40
159	Changes in river flood hazard in Europe: a review 2018 , 49, 294-302		39
158	Historical hydrology – Editorial. <i>Hydrological Sciences Journal</i> , 2006 , 51, 733-738	3.5	39
157	Detection of change in river flow using phase randomization. <i>Hydrological Sciences Journal</i> , 2000 , 45, 547-558	3.5	39
156	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

155	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
154	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
153	Regional projections of temperature and precipitation changes: Robustness and uncertainty aspects.. <i>Meteorologische Zeitschrift</i> , 2017 , 26, 223-234	3.1	35
152	Climate change and stream water quality in the multi-factor context. <i>Climatic Change</i> , 2010 , 103, 353-362.	2.5	35
151	Reduction of flood risk in Europe Reflections from a reinsurance perspective. <i>Journal of Hydrology</i> , 2019 , 576, 197-209	6	34
150	Observed changes in extreme precipitation in Poland: 1991-2015 versus 1961-1990. <i>Theoretical and Applied Climatology</i> , 2019 , 135, 773-787	3	34
149	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
148	Simulation of extreme precipitation over the Yangtze River Basin using Wakeby distribution. <i>Theoretical and Applied Climatology</i> , 2009 , 96, 209-219	3	34
147	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
146	Assessment of climate change and associated impact on selected sectors in Poland. <i>Acta Geophysica</i> , 2018 , 66, 1509-1523	2.2	34
145	Governance Strategies for Improving Flood Resilience in the Face of Climate Change. <i>Water (Switzerland)</i> , 2018 , 10, 1595	3	33
144	Climate Variability and Floods A global Review. <i>Water (Switzerland)</i> , 2019 , 11, 1399	3	32
143	Climatic Change Impact on Water Resources in a Systems Perspective. <i>Water Resources Management</i> , 1997 , 11, 407-435	3.7	32
142	Coping with variability and change: Floods and droughts. <i>Natural Resources Forum</i> , 2002 , 26, 263-274	2.2	32
141	Trend detection in river flow indices in Poland. <i>Acta Geophysica</i> , 2018 , 66, 347-360	2.2	31
140	Climatological drivers of changes in flood hazard in Germany. <i>Acta Geophysica</i> , 2013 , 61, 463-477	2.2	31
139	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
138	The heat goes on changes in indices of hot extremes in Poland. <i>Theoretical and Applied Climatology</i> , 2017 , 129, 459-471	3	28

137	Hydrological modelling of the Vistula and Odra river basins using SWAT. <i>Hydrological Sciences Journal</i> , 2017 , 62, 1266-1289	3.5	28
136	Editorial Quantifying the impact of hydrological studies. <i>Hydrological Sciences Journal</i> , 2007 , 52, 3-17	3.5	27
135	Flood risk in a range of spatial perspectives I from global to local scales. <i>Natural Hazards and Earth System Sciences</i> , 2019 , 19, 1319-1328	3.9	26
134	Changes of temperature-related agroclimatic indices in Poland. <i>Theoretical and Applied Climatology</i> , 2016 , 124, 401-410	3	25
133	Changes of snow cover in Poland. <i>Acta Geophysica</i> , 2017 , 65, 65-76	2.2	25
132	On backwater effects in linear diffusion flood routing. <i>Hydrological Sciences Journal</i> , 1983 , 28, 391-402	3.5	25
131	CHASE-PL Climate Projection dataset over Poland I bias adjustment of EURO-CORDEX simulations. <i>Earth System Science Data</i> , 2017 , 9, 905-925	10.5	25
130	Floods and the COVID-19 pandemic-A new double hazard problem. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021 , 8, e1509	5.7	25
129	Extreme hydrological events, palaeo-information and climate change. <i>Hydrological Sciences Journal</i> , 1997 , 42, 765-779	3.5	23
128	Historical Floods in Europe in the Past Millennium 2019 , 121-166		23
127	Decadal variability of floods in the northern foreland of the Tatra Mountains. <i>Regional Environmental Change</i> , 2016 , 16, 603-615	4.3	22
126	Modeling global temperature changes with genetic programming. <i>Computers and Mathematics With Applications</i> , 2012 , 64, 3717-3728	2.7	22
125	Seasonal temperature extremes in Potsdam. <i>Acta Geophysica</i> , 2010 , 58, 1115-1133	2.2	22
124	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
123	Heat-related mortality during hot summers in Polish cities. <i>Theoretical and Applied Climatology</i> , 2019 , 136, 1259-1273	3	21
122	Projections of runoff in the Vistula and the Odra river basins with the help of the SWAT model 2018 , 49, 303-317		20
121	Choice of potential evapotranspiration formulas influences drought assessment: A case study in China. <i>Atmospheric Research</i> , 2020 , 242, 104979	5.4	19
120	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

119	Nonlinear models of dynamic hydrology. <i>Hydrological Sciences Journal</i> , 1986 , 31, 163-185	3.5	19
118	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
117	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
116	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
115	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
114	Discharge of large Asian rivers [Observations and projections. <i>Quaternary International</i> , 2009 , 208, 4-10	2	17
113	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
112	Are modern metaheuristics successful in calibrating simple conceptual rainfall-runoff models?. <i>Hydrological Sciences Journal</i> , 2017 , 62, 606-625	3.5	16
111	Nonstationarity in Water Resources [Central European Perspective1. <i>Journal of the American Water Resources Association</i> , 2011 , 47, 550-562	2.1	16
110	The potential for water conflict is on the increase. <i>Nature</i> , 2009 , 459, 31	50.4	16
109	Water-related conflicts in urban areas in Poland. <i>Hydrological Sciences Journal</i> , 2011 , 56, 588-596	3.5	16
108	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
107	Water and climate projections. <i>Hydrological Sciences Journal</i> , 2009 , 54, 406-415	3.5	15
106	From 'fear' to climate action. <i>Environmental Science and Policy</i> , 2020 , 105, 75-83	6.2	15
105	Challenges for developing national climate services [Poland and Norway. <i>Climate Services</i> , 2017 , 8, 17-25	3.8	14
104	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	2.2	14
103	Water problems of central and eastern Europe-a region in transition. <i>Hydrological Sciences Journal</i> , 2001 , 46, 883-896	3.5	14
102	Attenuation and phase shift in linear flood routing. <i>Hydrological Sciences Journal</i> , 1989 , 34, 21-40	3.5	14

101	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
100	Severe Drought in the Spring of 2020 in Poland—More of the Same?. <i>Agronomy</i> , 2020 , 10, 1646	3.6	13
99	Editorial—The peer-review system: prospects and challenges. <i>Hydrological Sciences Journal</i> , 2005 , 50,	3.5	13
98	Climate Change in the Media: Poland—Exceptionalism. <i>Environmental Communication</i> , 2019 , 13, 366-380	2.6	13
97	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
96	Moments and cumulants of linearized St. Venant equation. <i>Advances in Water Resources</i> , 1988 , 11, 92-100	1.7	12
95	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
94	Changing Floods in Europe 2019 , 83-96		12
93	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
92	Impacts of climate extremes on activity sectors—Stakeholders' perspective. <i>Theoretical and Applied Climatology</i> , 2008 , 93, 117-132	3	11
91	Understanding flood regime changes in Europe: a state of the art assessment		11
90	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
89	Extreme Weather Events and their Consequences. <i>Papers on Global Change IGBP</i> , 2016 , 23, 59-69		10
88	Changes in thermal extremes in Poland. <i>Acta Geophysica</i> , 2014 , 62, 1435-1449	2.2	10
87	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
86	Physically based hydrological flood routing methods. <i>Hydrological Sciences Journal</i> , 1986 , 31, 237-261	3.5	10
85	History of Floods on the Upper Vistula. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 279-292	0.1	9
84	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

83	Mortality in Flood Disasters 2005 , 197-206		9
82	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
81	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
80	Flood Generation Mechanisms and Changes in Principal Drivers. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 55-75	0.1	8
79	Snow-Cover Area and Runoff Variation under Climate Change in the West Kunlun Mountains. <i>Water (Switzerland)</i> , 2019 , 11, 2246	3	8
78	Natural risks: mitigation and adaptation. <i>Ecohydrology and Hydrobiology</i> , 2012 , 12, 3-8	2.8	8
77	Approximate translation in the Muskingum model. <i>Hydrological Sciences Journal</i> , 1982 , 27, 19-27	3.5	8
76	Observed changes in precipitation totals in Poland. <i>Geografie-Sbornik CGS</i> , 2019 , 124, 237-264	1.1	8
75	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
74	Floods in the context of climate change and variability. <i>Advances in Global Change Research</i> , 2002 , 225-247	2	8
73	On the future of journal publications in hydrology 2014 , 45, 515-518		7
72	Changes of flood risk on the northern foothills of the Tatra Mountains. <i>Acta Geophysica</i> , 2017 , 65, 799-807	2	7
71	The hydrology of tomorrow. <i>Hydrological Sciences Journal</i> , 1986 , 31, 223-235	3.5	7
70	Flood risk governance arrangements in Europe. <i>Proceedings of the International Association of Hydrological Sciences</i> , 369 , 195-199		7
69	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
68	Atmospheric Temperature and CO ₂ : Hen-Or-Egg Causality?. <i>Sci</i> , 2020 , 2, 83	0.7	6
67	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
66	Hindcasting global temperature by evolutionary computation. <i>Acta Geophysica</i> , 2013 , 61, 732-751	2.2	6

65	Towards an improved flood preparedness system in China. <i>Hydrological Sciences Journal</i> , 2004 , 49,	3.5	6
64	Unified structural approach to linear flood routing. <i>Advances in Water Resources</i> , 1985 , 8, 37-43	4.7	6
63	Preface "Large-scale hydrological modelling and the Water Framework Directive and Floods Directive of the European Union – 10th Workshop on Large-Scale Hydrological Modelling";. <i>Advances in Geosciences</i> , 11, 1-6		6
62	CHASE-PL Climate Projection dataset over Poland – Bias adjustment of EURO-CORDEX simulations		6
61	Flood Risk from a Holistic Perspective – Observed Changes in Germany 2019 , 212-237		6
60	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
59	Anatomy of Flood Risk. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 39-52	0.1	5
58	On the future of journal publications in hydrology. <i>Water Resources Research</i> , 2014 , 50, 2795-2797	5.4	5
57	Preface: climate change proof flood risk management. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015 , 20, 837-843	3.9	5
56	Joint Editorial On the future of journal publications in hydrology. <i>Hydrological Sciences Journal</i> , 2014 , 59, 955-958	3.5	5
55	Warmest 12 consecutive months on record at the Potsdam meteorological station, Germany. <i>Weather</i> , 2007 , 62, 284-286	0.9	5
54	Measured effects of new lake surfaces on regional precipitation. <i>Hydrological Sciences Journal</i> , 2007 , 52, 936-955	3.5	5
53	Global freshwater resources for sustainable development. <i>Ecohydrology and Hydrobiology</i> , 2007 , 7, 125-134	1.3	5
52	Reply to discussions of Editorial "The peer review system: prospects and challenges" <i>Hydrological Sciences Journal</i> , 2006 , 51, 357-363	3.5	5
51	A Discrete Conceptualization of a Volterra Series Model for Surface Runoff. <i>Water Resources Research</i> , 1986 , 22, 1413-1421	5.4	5
50	Detection and Attribution of Changes in Water Resources 2019 , 422-434		5
49	Floods in Mountain Basins. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 23-37	0.1	4
48	Climate Change – Is It Worse Than Expected?. <i>Papers on Global Change IGBP</i> , 2015 , 22, 9-18		4

47	Linear and non-linear scaling of the Yangtze River flow. <i>Hydrological Processes</i> , 2008 , 22, 1532-1536	3.3	4
46	Extreme hydrological events and security. <i>Proceedings of the International Association of Hydrological Sciences</i> , 369, 181-187		4
45	Climate change track in river floods in Europe. <i>Proceedings of the International Association of Hydrological Sciences</i> , 369, 189-194		4
44	Temperature-related climate extremes in the Potsdam observation record. <i>Geografie-Sbornik CGS</i> , 2008 , 113, 372-382	1.1	4
43	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
42	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
41	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
40	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
39	Hydroclimatic Projections for the Upper Vistula Basin. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 331-339	0.1	3
38	Stability and Change of Flood Risk Governance in Poland. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2016 , 381-398	0.1	3
37	Hochwasser und Sturzfluten an Flüssen in Deutschland 2017 , 87-101		3
36	Is the Frequency and Intensity of Flooding Changing in Europe? 2005 , 25-32		3
35	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
34	Hydrological extremes and security. <i>Proceedings of the International Association of Hydrological Sciences</i> , 2015 , 366, 44-53		2
33	Joint Editorial "On the future of journal publications in hydrology". <i>Hydrology and Earth System Sciences</i> , 2014 , 18, 2433-2435	5.5	2
32	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
31	Climate Variability Indices – Guided Tour. <i>Geosciences (Switzerland)</i> , 2021 , 11, 128	2.7	2
30	Machine Learning Modeling of Climate Variability Impact on River Runoff. <i>Water (Switzerland)</i> , 2021 , 13, 1177	3	2

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