

# Karin de Bruijn

## 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.

37  
papers

866  
citations

15  
h-index

29  
g-index

42  
ext. papers

1,055  
ext. citations

3.2  
avg, IF

4.47  
L-index

#	Paper	IF	Citations
37	Resilience strategies for flood risk management in the Netherlands. <i>International Journal of River Basin Management</i> , <b>2003</b> , 1, 33-40	1.7	150
36	Uncertainty in flood damage estimates and its potential effect on investment decisions. <i>Natural Hazards and Earth System Sciences</i> , <b>2016</b> , 16, 1-14	3.9	68
35	Resilience in practice: Five principles to enable societies to cope with extreme weather events. <i>Environmental Science and Policy</i> , <b>2017</b> , 70, 21-30	6.2	67
34	The meaning of system robustness for flood risk management. <i>Environmental Science and Policy</i> , <b>2011</b> , 14, 1121-1131	6.2	67
33	Resilience indicators for flood risk management systems of lowland rivers. <i>International Journal of River Basin Management</i> , <b>2004</b> , 2, 199-210	1.7	59
32	Assessment of the Netherlands flood risk management policy under global change. <i>Ambio</i> , <b>2012</b> , 41, 180-92	6.5	47
31	Evolutionary leap in large-scale flood risk assessment needed. <i>Wiley Interdisciplinary Reviews: Water</i> , <b>2018</b> , 5, e1266	5.7	38
30	Risky places in the Netherlands: a first approximation for floods. <i>Journal of Flood Risk Management</i> , <b>2009</b> , 2, 58-67	3.1	37
29	Validation of flood risk models: Current practice and possible improvements. <i>International Journal of Disaster Risk Reduction</i> , <b>2019</b> , 33, 441-448	4.5	36
28	An advanced method for flood risk analysis in river deltas, applied to societal flood fatality risk in the Netherlands. <i>Natural Hazards and Earth System Sciences</i> , <b>2014</b> , 14, 2767-2781	3.9	34
27	Quantitative methods for estimating flood fatalities: towards the introduction of loss-of-life estimation in the assessment of flood risk. <i>Natural Hazards</i> , <b>2012</b> , 63, 1083-1113	3	29
26	Assessment of Critical Infrastructure Resilience to Flooding Using a Response Curve Approach. <i>Sustainability</i> , <b>2018</b> , 10, 3470	3.6	26
25	Assessment of flood risk accounting for river system behaviour. <i>International Journal of River Basin Management</i> , <b>2007</b> , 5, 93-104	1.7	21
24	The storyline approach: a new way to analyse and improve flood event management. <i>Natural Hazards</i> , <b>2016</b> , 81, 99-121	3	17
23	Flood Catastrophe Model for Designing Optimal Flood Insurance Program: Estimating Location-Specific Premiums in the Netherlands. <i>Risk Analysis</i> , <b>2017</b> , 37, 82-98	3.9	16
22	Flood fatality hazard and flood damage hazard: combining multiple hazard characteristics into meaningful maps for spatial planning. <i>Natural Hazards and Earth System Sciences</i> , <b>2015</b> , 15, 1297-1309	3.9	15
21	Importance sampling for efficient modelling of hydraulic loads in the Rhine-Meuse delta. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2015</b> , 29, 637-652	3.5	12

20	Assessing quick wins to protect critical urban infrastructure from floods: a case study in Bangkok, Thailand. <i>Journal of Flood Risk Management</i> , <b>2018</b> , 11, S17-S27	3.1	12
19	Application and validation of mortality functions to assess the consequences of flooding to people. <i>Journal of Flood Risk Management</i> , <b>2012</b> , 5, 92-110	3.1	10
18	Systemic Flood Risk Management: The Challenge of Accounting for Hydraulic Interactions. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2530	3	10
17	Flood Resilience of Critical Infrastructure: Approach and Method Applied to Fort Lauderdale, Florida. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 517	3	9
16	Efficient or Fair? Operationalizing Ethical Principles in Flood Risk Management: A Case Study on the Dutch-German Rhine. <i>Risk Analysis</i> , <b>2020</b> , 40, 1844-1862	3.9	9
15	Influence of water level duration on dike breach triggering, focusing on system behaviour hazard analyses in lowland rivers. <i>Georisk</i> , <b>2020</b> , 14, 26-40	1.9	9
14	Impact of including interdependencies between multiple riverine flood defences on the economically optimal flood safety levels. <i>Reliability Engineering and System Safety</i> , <b>2019</b> , 191, 106475	6.3	8
13	Accounting for the uncertain effects of hydraulic interactions in optimising embankments heights: Proof of principle for the IJssel River. <i>Journal of Flood Risk Management</i> , <b>2019</b> , 12, e12532	3.1	8
12	Evolving Concepts in Flood Risk Management: Searching for a Common Language <b>2007</b> , 61-75		8
11	Experimental determination of pressure coefficients for flood loading of walls of Dutch terraced houses. <i>Engineering Structures</i> , <b>2020</b> , 216, 110647	4.7	7
10	Casualty risks in the discussion on new flood protection standards in The Netherlands <b>2010</b> ,		7
9	Hydrodynamic system behaviour: its analysis and implications for flood risk management. <i>E3S Web of Conferences</i> , <b>2016</b> , 7, 11001	0.5	6
8	Flood vulnerability of critical infrastructure in Cork, Ireland. <i>E3S Web of Conferences</i> , <b>2016</b> , 7, 07005	0.5	5
7	Large-scale stochastic flood hazard analysis applied to the Po River. <i>Natural Hazards</i> , <b>2020</b> , 104, 2027-2049		4
6	Large Scale Flood Hazard Analysis by Including Defence Failures on the Dutch River System. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1732	3	3
5	A stepwise approach for flood risk and vulnerability assessment for urban flood critical infrastructures <b>2012</b> ,		2
4	Economically optimal safety targets for riverine flood defence systems. <i>E3S Web of Conferences</i> , <b>2016</b> , 7, 20004	0.5	2
3	Methods and tools to support real time risk-based flood forecasting - a UK pilot application. <i>E3S Web of Conferences</i> , <b>2016</b> , 7, 18019	0.5	2

2	Impact of hydraulic model resolution and loss of life model modification on flood fatality risk estimation: Case study of the Bommelerwaard, The Netherlands. <i>Journal of Flood Risk Management</i> , <b>2021</b> , 14, e12713	3.1	2
1	Protecting the Rhine-Meuse delta against sea level rise: What to do with the river discharge?. <i>Journal of Flood Risk Management</i> ,	3.1	1