Petrus Hajm Van Gelder

List of Publications by Year
in descending order

205 papers	4,781 citations	109137 35 h-index	123241 61 g-index
224 all docs	224 docs citations	224 times ranked	3813 citing authors

#	Article	IF	Citations
1	An overview of quantitative risk measures for loss of life and economic damage. Journal of Hazardous Materials, 2003, 99, 1-30.	6.5	348
2	Ship collision avoidance methods: State-of-the-art. Safety Science, 2020, 121, 451-473.	2.6	248
3	Forecasting daily streamflow using hybrid ANN models. Journal of Hydrology, 2006, 324, 383-399.	2.3	229
4	Probabilistic risk analysis for ship-ship collision: State-of-the-art. Safety Science, 2019, 117, 108-122.	2.6	153
5	Generalized velocity obstacle algorithm for preventing ship collisions at sea. Ocean Engineering, 2019, 173, 142-156.	1.9	143
6	Detecting changes in extreme precipitation and extreme streamflow in the Dongjiang River Basin in southern China. Hydrology and Earth System Sciences, 2008, 12, 207-221.	1.9	125
7	Velocity obstacle algorithms for collision prevention at sea. Ocean Engineering, 2018, 151, 308-321.	1.9	115
8	Ship collision candidate detection method: A velocity obstacle approach. Ocean Engineering, 2018, 170, 186-198.	1.9	112
9	Stochastic simulation of episodic soft coastal cliff recession. Coastal Engineering, 2002, 46, 159-174.	1.7	91
10	Testing and modelling autoregressive conditional heteroskedasticity of streamflow processes. Nonlinear Processes in Geophysics, 2005, 12, 55-66.	0.6	88
11	Data management of extreme marine and coastal hydro-meteorological events. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 191-210.	0.7	82
12	Linking Three Gorges Dam and downstream hydrological regimes along the Yangtze River, China. Earth and Space Science, 2015, 2, 94-106.	1.1	80
13	Testing for nonlinearity of streamflow processes at different timescales. Journal of Hydrology, 2006, 322, 247-268.	2.3	79
14	The estimation of extreme quantiles of wind velocity using L-moments in the peaks-over-threshold approach. Structural Safety, 2001, 23, 179-192.	2.8	77
15	Probabilistic modelling of extreme storms along the Dutch coast. Coastal Engineering, 2014, 86, 1-13.	1.7	77
16	Vulnerability of industrial plants to flood-induced natechs: A Bayesian network approach. Reliability Engineering and System Safety, 2018, 169, 403-411.	5.1	77
17	A systemic hazard analysis and management process for the concept design phase of an autonomous vessel. Reliability Engineering and System Safety, 2019, 191, 106584.	5.1	65
18	Uncertainty assessment via Bayesian revision of ensemble streamflow predictions in the operational river Rhine forecasting system. Water Resources Research, 2009, 45, .	1.7	64

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19	Multi-attribute decision-making method for prioritizing maritime traffic safety influencing factors of autonomous shipsâ€™ maneuvering decisions using grey and fuzzy theories. Safety Science, 2019, 120, 323-340.	2.6	62
20	Modelling of extreme wave heights and periods through copulas. Extremes, 2005, 8, 345-356.	0.5	60
21	The Effect of the 18.6-Year Lunar Nodal Cycle on Regional Sea-Level Rise Estimates. Journal of Coastal Research, 2012, 280, 511-516.	0.1	56
22	Dynamics of polycyclic aromatic hydrocarbons (PAHs) in water column of Pearl River estuary (China): Seasonal pattern, environmental fate and source implication. Applied Geochemistry, 2018, 90, 39-49.	1.4	53
23	Global path planning for autonomous ship: A hybrid approach of Fast Marching Square and velocity obstacles methods. Ocean Engineering, 2020, 214, 107793.	1.9	50
24	Comparison of empirical statistical methods for downscaling daily climate projections from CMIP5 GCMs: a case study of the Huai River Basin, China. International Journal of Climatology, 2016, 36, 145-164.	1.5	48
25	Timeâ€Varying Risk Measurement for Ship Collision Prevention. Risk Analysis, 2020, 40, 24-42.	1.5	48
26	Collision risk measure for triggering evasive actions of maritime autonomous surface ships. Safety Science, 2020, 127, 104708.	2.6	48
27	Modeling human-like decision-making for inbound smart ships based on fuzzy decision trees. Expert Systems With Applications, 2019, 115, 172-188.	4.4	47
28	Fragility assessment of chemical storage tanks subject to floods. Chemical Engineering Research and Design, 2017, 111, 75-84.	2.7	46
29	A ship collision avoidance system for human-machine cooperation during collision avoidance. Ocean Engineering, 2020, 217, 107913.	1.9	46
30	Optimal maintenance decisions for berm breakwaters. Structural Safety, 1996, 18, 293-309.	2.8	45
31	Safety of historical stone arch bridges. , 2009, , .		41
32	Evaluation of tunnel safety: towards an economic safety optimum. Reliability Engineering and System Safety, 2005, 90, 217-228.	5.1	39
33	BN-SLIM: A Bayesian Network methodology for human reliability assessment based on Success Likelihood Index Method (SLIM). Reliability Engineering and System Safety, 2020, 193, 106647.	5.1	39
34	A decision support method for design and operationalization of search and rescue in maritime emergency. Ocean Engineering, 2020, 207, 107399.	1.9	38
35	Interval Analysis of the Loss of Life Caused by Dam Failure. Journal of Water Resources Planning and Management - ASCE, 2021, 147, .	1.3	38
36	Bivariate description of offshore wave conditions with physics-based extreme value statistics. Applied Ocean Research, 2004, 26, 162-170.	1.8	37

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37	Quantitative fault tree analysis for urban water infrastructure flooding. Structure and Infrastructure Engineering, 2011, 7, 809-821.	2.0	37
38	An ISM Modeling of Barriers for Blockchain/Distributed Ledger Technology Adoption in Supply Chains towards Cybersecurity. Sustainability, 2021, 13, 4672.	1.6	37
39	An improved time discretized non-linear velocity obstacle method for multi-ship encounter detection. Ocean Engineering, 2020, 196, 106718.	1.9	36
40	Efficient method using Whale Optimization Algorithm for reliability-based design optimization of labyrinth spillway. Applied Soft Computing Journal, 2021, 101, 107036.	4.1	36
41	Bootstrap simulations for evaluating the uncertainty associated with peaks-over-threshold estimates of extreme wind velocity. Environmetrics, 2003, 14, 27-43.	0.6	34
42	Towards a probabilistic model for estimation of grounding accidents in fluctuating backwater zone of the Three Gorges Reservoir. Reliability Engineering and System Safety, 2021, 205, 107239.	5.1	33
43	A multi-criteria decision making approach to security assessment of hazardous facilities. Journal of Loss Prevention in the Process Industries, 2017, 48, 234-243.	1.7	32
44	A framework for risk criteria for critical infrastructures: fundamentals and case studies in the Netherlands. Journal of Risk Research, 2004, 7, 569-579.	1.4	31
45	Time-dependent reliability analysis of flood defences. Reliability Engineering and System Safety, 2009, 94, 1942-1953.	5.1	31
46	Detecting long-memory: Monte Carlo simulations and application to daily streamflow processes. Hydrology and Earth System Sciences, 2007, 11, 851-862.	1.9	30
47	Influence of environmental factors on human-like decision-making for intelligent ship. Ocean Engineering, 2019, 186, 106060.	1.9	30
48	Impact of dams on flood occurrence of selected rivers in the United States. Frontiers of Earth Science, 2017, 11, 268-282.	0.9	29
49	Economic risk criteria for dams considering the relative level of economy and industrial economic contribution. Science of the Total Environment, 2020, 725, 138139.	3.9	29
50	Ranking uncertainty: Wave climate variability versus model uncertainty in probabilistic assessment of coastline change. Coastal Engineering, 2020, 158, 103673.	1.7	28
51	Computational intelligence methods for the efficient reliability analysis of complex flood defence structures. Structural Safety, 2011, 33, 64-73.	2.8	27
52	Analysis of the occurrence and severity of vehicle-pedestrian conflicts in marked and unmarked crosswalks through naturalistic driving study. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 76, 178-192.	1.8	27
53	Improved methods for modelling drinking water treatment in quantitative microbial risk assessment; a case study of Campylobacter reduction by filtration and ozonation. Journal of Water and Health, 2008, 6, 301-314.	1.1	26
54	Integrated Safety and Security Risk Assessment Methods: A Survey of Key Characteristics and Applications. Lecture Notes in Computer Science, 2017, , 50-62.	1.0	26

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55	RISK-BASED DESIGN OF LARGE-SCALE FLOOD DEFENCE SYSTEMS. , 2003, , .		25
56	Risk-Based Maintenance of a Cross-Country Petroleum Pipeline System. Journal of Pipeline Systems Engineering and Practice, 2013, 4, 141-148.	0.9	25
57	Probabilistic estimation of coastal dune erosion and recession by statistical simulation of storm events. Applied Ocean Research, 2014, 47, 53-62.	1.8	25
58	Bayesian Network Models in Cyber Security: A Systematic Review. Lecture Notes in Computer Science, 2017, , 105-122.	1.0	25
59	Societal Risk and the Concept of Risk Aversion. , 1997, , 45-52.		25
60	An innovative methodology for establishing societal life risk criteria for dams: A case study to reservoir dam failure events in China. International Journal of Disaster Risk Reduction, 2020, 49, 101663.	1.8	24
61	Estimating loss of life caused by dam breaches based on the simulation of floods routing and evacuation potential of population at risk. Journal of Hydrology, 2022, 612, 128059.	2.3	24
62	A Method for Fast Evaluation of Potential Consequences of Dam Breach. Water (Switzerland), 2019, 11, 2224.	1.2	23
63	An integration of human factors into quantitative risk analysis using Bayesian Belief Networks towards developing a â€˜QRA+â€™. Safety Science, 2020, 122, 104514.	2.6	23
64	Integration of individual encounter information into causation probability modelling of ship collision accidents. Safety Science, 2019, 120, 636-651.	2.6	22
65	A Bibliometric and Visualized Overview for the Evolution of Process Safety and Environmental Protection. International Journal of Environmental Research and Public Health, 2021, 18, 5985.	1.2	22
66	Fatigue damage in randomly vibrating jack-up platforms under non-Gaussian loads. Applied Ocean Research, 2006, 28, 407-419.	1.8	21
67	Robust detection of discordant sites in regional frequency analysis. Water Resources Research, 2007, 43, .	1.7	21
68	A joint probability approach using a 1-D hydrodynamic model for estimating high water level frequencies in the Lower Rhine Delta. Natural Hazards and Earth System Sciences, 2013, 13, 1841-1852.	1.5	21
69	A comprehensive statistical investigation framework for characteristics and causes analysis of ship accidents: A case study in the fluctuating backwater area of Three Gorges Reservoir region. Ocean Engineering, 2021, 229, 108981.	1.9	21
70	Assessment of an L-Kurtosis-Based Criterionfor Quantile Estimation. Journal of Hydrologic Engineering - ASCE, 2001, 6, 284-292.	0.8	20
71	Coastal Protection Strategies for the Red River Delta. Journal of Coastal Research, 2009, 251, 105-116.	0.1	20
72	Risk-based design of sewer system rehabilitation. Structure and Infrastructure Engineering, 2009, 5, 215-227.	2.0	19

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73	A fuzzy evidential reasoning based approach for submarine power cable routing selection for offshore wind farms. Ocean Engineering, 2019, 193, 106616.	1.9	19
74	Review and assessment of different perspectives of vehicle-pedestrian conflicts and crashes: Passive and active analysis approaches. Journal of Traffic and Transportation Engineering (English Edition), 2021, 8, 681-702.	2.0	19
75	Risk- and Simulation-Based Optimization of Channel Depths: Entrance Channel of Cam Pha Coal Port. Simulation, 2008, 84, 41-55.	1.1	18
76	Influence of a Storm Surge Barrierâ€™s Operation on the Flood Frequency in the Rhine Delta Area. Water (Switzerland), 2012, 4, 474-493.	1.2	18
77	A novel fuzzy Bayesian network-based MADM model for offshore wind turbine selection in busy waterways: An application to a case in China. Renewable Energy, 2021, 172, 897-917.	4.3	18
78	Properties of geogrid-reinforced marine slope due to the groundwater level changes. Marine Georesources and Geotechnology, 2018, 36, 735-748.	1.2	17
79	Stress tests for a road network using fragility functions and functional capacity loss functions. Reliability Engineering and System Safety, 2018, 173, 78-93.	5.1	16
80	Distribution functions of extreme sea waves and river discharges. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 280-291.	0.7	15
81	Frequency Analysis of Storm-Surge-Induced Flooding for the Huangpu River in Shanghai, China. Journal of Marine Science and Engineering, 2018, 6, 70.	1.2	15
82	Towards generalized ship's manoeuvre models based on real time simulation results in port approach areas. Ocean Engineering, 2020, 209, 107476.	1.9	15
83	Dynamic bounds coupled with Monte Carlo simulations. Reliability Engineering and System Safety, 2011, 96, 278-285.	5.1	14
84	Field analysis of PAHs in surface sediments of the Pearl River Estuary and their environmental impacts. Environmental Science and Pollution Research, 2020, 27, 10925-10938.	2.7	14
85	Dutch case studies of the estimation of extreme quantiles and associated uncertainty by bootstrap simulations. Environmetrics, 2004, 15, 687-699.	0.6	13
86	Risk-based optimization of land reclamation. Reliability Engineering and System Safety, 2015, 144, 193-203.	5.1	13
87	Physical control of phytoplankton bloom development in the coastal waters of Jiangsu (China). Ecological Modelling, 2016, 321, 75-83.	1.2	13
88	Regional scale rainfallâ€“runoff modeling using VARXâ€“MGARCH approach. Stochastic Environmental Research and Risk Assessment, 2018, 32, 999-1016.	1.9	13
89	Risk-Based Decision-Making for Evacuation in Case of Imminent Threat of Flooding. Water (Switzerland), 2018, 10, 1429.	1.2	13
90	An integrated methodology for the supply reliability analysis of multi-product pipeline systems under pumps failure. Reliability Engineering and System Safety, 2020, 204, 107185.	5.1	13

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91	Criteria for Acceptable Risk in the Netherlands. , 2005, , 143-157.		13
92	Fault tree analysis for urban flooding. Water Science and Technology, 2009, 59, 1621-1629.	1.2	12
93	Probabilistic modeling of wave climate and predicting dune erosion. Journal of Coastal Research, 2013, 65, 760-765.	0.1	12
94	Statistical analysis of phytoplankton biomass in coastal waters: Case study of the Wadden Sea near Lauwersoog (The Netherlands) from 2000 to 2009. Ecological Informatics, 2015, 30, 12-19.	2.3	12
95	Solutions for Mitigating Cybersecurity Risks Caused by Legacy Software in Medical Devices: A Scoping Review. IEEE Access, 2020, 8, 84352-84361.	2.6	12
96	Safe-by-Design in Engineering: An Overview and Comparative Analysis of Engineering Disciplines. International Journal of Environmental Research and Public Health, 2021, 18, 6329.	1.2	12
97	Design for acceptable risk in transportation pipelines. International Journal of Risk Assessment and Management, 2012, 16, 112.	0.2	11
98	Reliability Analysis of Jack-Up Platforms Based on Fatigue Degradation. , 2002, , 265.		10
99	Predicting peak breach discharge due to embankment dam failure. Journal of Hydroinformatics, 2013, 15, 1361-1376.	1.1	10
100	Implications of Nutrient Enrichment and Related Environmental Impacts in the Pearl River Estuary, China: Characterizing the Seasonal Influence of Riverine Input. Water (Switzerland), 2020, 12, 3245.	1.2	10
101	Regional Frequency Analysis of Extreme Wave Heights: Trading Space for Time. , 2001, , 1099.		9
102	Joint modelling of daily maximum wind strengths through the Multivariate Burrâ€“Gamma distribution. Journal of Wind Engineering and Industrial Aerodynamics, 2004, 92, 1025-1037.	1.7	9
103	Extreme value distributions for nonlinear transformations of vector Gaussian processes. Probabilistic Engineering Mechanics, 2007, 22, 136-149.	1.3	9
104	Probabilistic analysis of phytoplankton biomass at the Frisian Inlet (NL). Estuarine, Coastal and Shelf Science, 2015, 155, 29-37.	0.9	9
105	Sicherheitsbeurteilung historischer SteinbogenbrÃ¼cken. Mauerwerk, 2007, 11, 186-189.	0.2	8
106	Decision Analysis Framework for Risk Management of Crude Oil Pipeline System. Advances in Decision Sciences, 2011, 2011, 1-17.	1.4	8
107	Quantitative modeling of organizational resilience for Dutch emergency response safety regions. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2012, 226, 666-676.	0.6	8
108	The dichotomous Markov process with nonparametric test application; a decision support method in long-term river behavioural analysis: the Zayandeh Rud River; a case study from central Iran. Stochastic Environmental Research and Risk Assessment, 2014, 28, 1889-1896.	1.9	8

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109	STATISTICAL ESTIMATION METHODS FOR EXTREME HYDROLOGICAL EVENTS. , 2006, , 199-252.		8
110	Towards real-time ship collision risk analysis: An improved R-TCR model considering target ship motion uncertainty. Reliability Engineering and System Safety, 2022, 226, 108650.	5.1	8
111	Stochastic methods for safety assessment of the flood defense system in the Scheldt Estuary of the Netherlands. Natural Hazards, 2010, 55, 123-144.	1.6	7
112	The probabilistic assessment of overtopping reliability on Akyayik dam. KSCE Journal of Civil Engineering, 2013, 17, 1810-1819.	0.9	7
113	Mean Normalized Force Computation for Different Types of Obstacles due to Dam Break Using Statistical Techniques. Water (Switzerland), 2013, 5, 560-577.	1.2	7
114	A New Quantitative Method for Studying the Vulnerability of Civil Aviation Network System to Spatially Localized Hazards. International Journal of Disaster Risk Science, 2016, 7, 245-256.	1.3	7
115	Spatial Vulnerability of Network Systems under Spatially Local Hazards. Risk Analysis, 2019, 39, 162-179.	1.5	7
116	Disentangling the effects of unobserved factors on seatbelt use choices in multi-occupant vehicles. Journal of Choice Modelling, 2021, 41, 100324.	1.2	7
117	IMPACT ASSESSMENT OF EXTREME STORM EVENTS USING A BAYESIAN NETWORK. Coastal Engineering Proceedings, 2012, 1, 4.	0.1	7
118	A new risk-based design approach for hydraulic engineering. Journal of Risk Research, 2004, 7, 581-597.	1.4	6
119	Estimating joint tail probabilities of river discharges through the logistic copula. Environmetrics, 2007, 18, 621-631.	0.6	6
120	Application of the dynamic bounds method in the safety assessment of flood defences, a case study: 17th Street flood wall, New Orleans. Georisk, 2010, 4, 157-173.	2.6	6
121	Impacts of historical records on extreme flood variations over the conterminous United States. Journal of Flood Risk Management, 2018, 11, .	1.6	6
122	Bayesian network model to distinguish between intentional attacks and accidental technical failures: a case study of floodgates. Cybersecurity, 2021, 4, .	3.1	6
123	Bivariate Statistical Analysis of Wave Climates. , 2001, , 583.		5
124	Effect of urinary versus recombinant FSH on clinical outcomes after frozenâ€“thawed embryo transfers: a systematic review. Reproductive BioMedicine Online, 2010, 21, 151-158.	1.1	5
125	Application of a fast stochastic storm surge model on estimating the high water level frequency in the Lower Rhine Delta. Natural Hazards, 2014, 73, 743-759.	1.6	5
126	An initial evaluation framework for the design and operational use of maritime STAMP-based safety management systems. WMU Journal of Maritime Affairs, 2019, 18, 451-476.	1.4	5

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127	Probabilistic downtime estimation for sequential marine operations. Applied Ocean Research, 2019, 86, 257-267.	1.8	5
128	Wanting it all â€“ public perceptions of the effectiveness, cost, and privacy of surveillance technology. Journal of Information Communication and Ethics in Society, 2019, 18, 10-27.	1.0	5
129	Estimation of failure rates of crude product pipelines. , 2011, , 1741-1747.		5
130	Integration of Elliptical Ship Domains and Velocity Obstacles for Ship Collision Candidate Detection. TransNav, 2019, 13, 751-758.	0.3	5
131	A model for the frequency of extreme river levels based on river dynamics. Structural Safety, 1996, 18, 261-276.	2.8	4
132	Bayesian Estimation of Return Periods of CSO Volumes for Decision-Making in Sewer System Management. , 2002, , 1.		4
133	Uncertainties in Extreme Value Analysis and Their Effect on Load Factors. , 2004, , 163.		4
134	The importance of statistical uncertainties in selecting appropriate methods for estimation of extremes. International Journal of River Basin Management, 2008, 6, 99-107.	1.5	4
135	HYDRODYNAMIC LOADINGS OF BUILDINGS IN FLOODS. , 2009, , .		4
136	RELIABILITY- AND RISK- BASED DESIGN OF COASTAL FLOOD DEFENCES. , 2009, , .		3
137	Risk-Averse Economic Optimization in the Adaptation of River Dikes to Climate Change. Water Resources Management, 2015, 29, 359-377.	1.9	3
138	A Risk Analysis for Asset Management Considering Climate Change. Transportation Research Procedia, 2016, 14, 105-114.	0.8	3
139	Physical Limitation of Phytoplankton Dynamics in Coastal Waters. Journal of Coastal Research, 2017, 331, 88-95.	0.1	3
140	Combining Bayesian Networks and Fishbone Diagrams to Distinguish Between Intentional Attacks and Accidental Technical Failures. Lecture Notes in Computer Science, 2019, , 31-50.	1.0	3
141	Distribution and source assessment of polycyclic aromatic hydrocarbons levels from Lake IJssel (the) Tj ETQq1 1 0.784314 rgBT /Over	1.3	3
142	Reliability assessment of the vertical well system subjected to erosion and tubing failure. Ships and Offshore Structures, 2021, 16, 127-134.	0.9	3
143	Probabilistic Assessment for the Capacity of Grate- and Curb-Opening Inlets during Floods. Journal of Irrigation and Drainage Engineering - ASCE, 2021, 147, 04021048.	0.6	3
144	Time-Variant Reliability Analysis for Series Systems With Log-Normal Vector Response. , 2006, , 747-759.		3

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145	MULTI-VARIATE STATISTICS OF HYDRAULIC BOUNDARY CONDITIONS FOR THE ROTTERDAM HARBOUR EXTENSION. , 2003, , .		3
146	FLOOD RISK CALCULATED WITH DIFFERENT RISK MEASURES. , 2003, , .		3
147	Statistical Analysis of the Characteristics of Ship Accidents for Chongqing Maritime Safety Administration District. , 2020, , .		3
148	Spectral Analysis of Caspian Level Variations. , 2004, , 527.		2
149	The Effects of Dynamical Noises on the Identification of Chaotic Systems: With Application to Streamflow Processes. , 2008, , .		2
150	Success of frozen embryo transfer: Does the type of gonadotropin influence the outcome?. International Journal of Women's Health, 2010, 2, 89.	1.1	2
151	DERIVING PROPER UNIFORM PRIORS FOR REGRESSION COEFFICIENTS. , 2011, , .		2
152	An insight in spatial corrosion prediction. International Journal of Pressure Vessels and Piping, 2012, 95, 16-23.	1.2	2
153	Incorporating set-up into LRFD method for drilled shafts. Georisk, 2014, 8, 81-91.	2.6	2
154	Multi-criteria optimization framework for road infrastructures under different scenario of climate change. , 2015, , .		2
155	Comparison of Methodologies Used in Homicide Investigations to Collect, Prioritize, and Eliminate Persons of Interest: A Case Study of Three Dutch Real-World Homicide Cases. Policing (Oxford), 2021, 14, 1166-1181.	0.9	2
156	Collision Avoidance Systems for Maritime Autonomous Surface Ships Considering Uncertainty in Ship Dynamics. IFAC-PapersOnLine, 2020, 53, 14614-14619.	0.5	2
157	PREDICTABILITY OF STREAMFLOW PROCESSES OF THE YELLOW RIVER. , 2004, , 1261-1268.		2
158	Imminent ships collision risk assessment based on velocity obstacle. , 2016, , 693-700.		2
159	Visualizing and gauging collision risk. , 2016, , 2877-2883.		2
160	Measuring Ship Collision Risk in a Dense Traffic Environment. TransNav, 2019, 13, 737-744.	0.3	2
161	Homogeneity Aspects in Statistical Analysis of Coastal Engineering Data. , 1999, , 3215.		1
162	Probabilistic Description of Sediment Plume Requirements at the Ã˜resund Fixed Link Dredging Project. , 2003, , 1.		1

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163	Probability Distribution of Peaks for Nonlinear Combination of Vector Gaussian Loads. Journal of Vibration and Acoustics, Transactions of the ASME, 2008, 130, .	1.0	1
164	Oil Pollution in the Arctic: Risks and Mitigating Measures With Reference to the Deepwater Horizon Accident. , 2011, , .		1
165	A Concise Equation That Captures the Essential Elements of One-Way Sensitivity Analyses in Health Economic Models. Medical Decision Making, 2011, 31, 642-649.	1.2	1
166	Bayesian logistic regression analysis. , 2013, , .		1
167	Risk approach to land reclamation: Feasibility of a polder terminal. , 2013, , 2507-2514.		1
168	AN IDEALIZED METEOROLOGICAL-HYDRODYNAMIC MODEL FOR EXPLORING EXTREME STORM SURGE STATISTICS IN THE NORTH SEA. Coastal Engineering Proceedings, 2015, 1, 21.	0.1	1
169	Deriving Proper Uniform Priors for Regression Coefficients, Parts I, II, and III. Entropy, 2017, 19, 250.	1.1	1
170	Inquiry Calculus and the Issue of Negative Higher Order Informations. Entropy, 2017, 19, 622.	1.1	1
171	Grey Relational Analysis of Environmental Influencing Factors of Autonomous Shipsâ€™ Maneuvering Decision-Making. , 2019, , .		1
172	How Cognitive Biases Influence the Data Verification of Safety Indicators: A Case Study in Rail. Safety, 2019, 5, 69.	0.9	1
173	Safe by Design Regulation for Academic Experimentation and Value Conflicts: An Exploration of Solution Directions. International Journal of Environmental Research and Public Health, 2021, 18, 1554.	1.2	1
174	What Employees Do Today Because of Their Experience Yesterday: How Incidental Learning Influences Train Driver Behavior and Safety Margins (A Big Data Analysis). Safety, 2021, 7, 2.	0.9	1
175	Bayesian Estimation of Quantiles for the Purpose of Flood Prevention. , 1999, , .		1
176	COPULA APPROACH FOR FLOOD PROBABILITY ANALYSIS OF THE HUANGPU RIVER DURING BARRIER CLOSURE. , 2005, , .		1
177	Analysis of Icing Event Occurrences in the Northern Caspian Sea Based on Meteorological Satellite Data. , 2004, , .		1
178	JOINT PROBABILITY DISTRIBUTIONS FOR WAVE HEIGHT, WIND SETUP AND WIND SPEED. , 2005, , .		1
179	SHORT-TERM STATISTICS OF 10,000,000 WAVES OBSERVED BY BUOYS. , 2009, , .		1
180	On risk-based geotechnical site investigation of flood defenses. , 2011, , 1700-1708.		1

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181	The Structural Analysis of the Block Revetment on the Dutch Dikes. , 2001, , 1991.		0
182	Special issue ESREL 2003. Reliability Engineering and System Safety, 2005, 90, 121-122.	5.1	0
183	Evaluation of Superelevation in Open Channel Bends with Probabilistic Analysis Methods. , 2008, , .		0
184	Supporting New Insight in Pipeline Hydrodynamics Using Stochastic Approaches on External Corrosion Damage. , 2010, , .		0
185	A note on the length, measured along fixed orientations, of a path connecting any two points relative to their straight line distance. Statistica Neerlandica, 2013, 67, 181-189.	0.9	0
186	Flood Defence Reliability Analysis. , 2014, , 270-296.		0
187	When Counting is Not Enough: Limitations of NSA's Effectiveness Assessment of Surveillance Technology. , 2014, , .		0
188	An outline of the Bayesian decision theory. AIP Conference Proceedings, 2016, , .	0.3	0
189	The Influence of Statistical Uncertainty in the Hydraulic Boundary Conditions on the Probabilistically Computed High Water Level Frequency Curve in the Rhine Delta. Water (Switzerland), 2016, 8, 147.	1.2	0
190	Bayesian decision theory: A simple toy problem. AIP Conference Proceedings, 2016, , .	0.3	0
191	Deriving proper uniform priors for regression coefficients, part II. AIP Conference Proceedings, 2017, , .	0.3	0
192	Predicting the Offender: Frequency versus Bayes. , 2019, , .		0
193	Getting the Perpetrator Incorporated and Prioritized in Homicide Investigations: The Development and Evaluation of a Case-Specific Element Library (C-SEL). International Journal of Environmental Research and Public Health, 2020, 17, 6430.	1.2	0
194	RISK/PERFORMANCE FOR MULTI-ATTRIBUTE DECISION-MAKING IN COASTAL ENGINEERING. , 2003, , .		0
195	Effectivity of Risk Management for Design & Construct Projects of Large Contractors. , 2004, , 481-487.		0
196	Probabilistic Cost Optimisation of Soil Improvement Strategies. , 2004, , 3317-3323.		0
197	PROBABILISTIC ANALYSIS OF TYPHOON INDUCED HYDRAULIC BOUNDARY CONDITIONS FOR SUO-NADA BAY. , 2007, , .		0
198	REDUCING UNCERTAINTY IN PREDICTION OF DUNE EROSION DURING EXTREME CONDITIONS. , 2009, , .		0

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199	COMPARISON OF COASTAL FLOODING PROBABILITY CALCULATION MODELS FOR FLOOD DEFENCES. , 2009, , .		0
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