

# Arne Bang Huseby

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/473793/publications.pdf>

Version: 2024-02-01

31  
papers

557  
citations

759233

12  
h-index

642732

23  
g-index

31  
all docs

31  
docs citations

31  
times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	BIRNBAUM CRITICALITY AND IMPORTANCE MEASURES FOR MULTISTATE SYSTEMS WITH REPAIRABLE COMPONENTS. Probability in the Engineering and Informational Sciences, 2022, 36, 66-86.	0.8	5
2	Convex environmental contours. Ocean Engineering, 2021, 235, 109366.	4.3	3
3	A benchmarking exercise for environmental contours. Ocean Engineering, 2021, 236, 109504.	4.3	26
4	On environmental contours for marine and coastal design. Ocean Engineering, 2020, 195, 106194.	4.3	54
5	Modelling extreme claims via composite models and threshold selection methods. Insurance: Mathematics and Economics, 2020, 91, 257-268.	1.2	7
6	On Environmental Contours for Marine and Coastal Design. , 2019, , .		1
7	Partial monitoring of multistate systems. Reliability Engineering and System Safety, 2018, 180, 434-452.	8.9	0
8	On the equivalence of systems of different sizes, with applications to system comparisons. Advances in Applied Probability, 2016, 48, 332-348.	0.7	15
9	Optimizing energy production systems under uncertainty. , 2016, , 1619-1626.		1
10	Alternative environmental contours for structural reliability analysis. Structural Safety, 2015, 54, 32-45.	5.3	74
11	A decision support model to assess the braking performance on snow and ice contaminated runways. Cold Regions Science and Technology, 2015, 117, 43-51.	3.5	8
12	Bayesian hierarchical spatio-temporal modelling of trends and future projections in the ocean wave climate with a $\text{CO}_2$ regression component. Environmental and Ecological Statistics, 2014, 21, 189-220.	3.5	13
13	A new Monte Carlo method for environmental contour estimation. , 2014, , 2091-2098.		8
14	A new approach to environmental contours for ocean engineering applications based on direct Monte Carlo simulations. Ocean Engineering, 2013, 60, 124-135.	4.3	99
15	Discrete event simulation methods applied to advanced importance measures of repairable components in multistate network flow systems. Reliability Engineering and System Safety, 2013, 119, 186-198.	8.9	17
16	A New Method for Environmental Contours in Marine Structural Design. , 2013, , .		4
17	Modelling the effect of climate change on the wave climate of the world's oceans. Ocean Science Journal, 2012, 47, 123-145.	1.3	14
18	A Bayesian hierarchical spatio-temporal model for significant wave height in the North Atlantic. Stochastic Environmental Research and Risk Assessment, 2012, 26, 609-632.	4.0	41

#	ARTICLE	IF	CITATIONS
19	Modelling ocean wave climate with a Bayesian hierarchical space-time model and a log-transform of the data. Ocean Dynamics, 2012, 62, 355-375.	2.2	28
20	A Stochastic Model in Space and Time for Monthly Maximum Significant Wave Height. Quantitative Geology and Geostatistics, 2012, , 505-517.	0.1	9
21	Measures of component importance in repairable multistate systems—a numerical study. Reliability Engineering and System Safety, 2011, 96, 1680-1690.	8.9	31
22	Oriented matroid systems. Discrete Applied Mathematics, 2011, 159, 31-45.	0.9	0
23	A Bayesian-Hierarchical Space-Time Model for Significant Wave Height Data. , 2011, , .		5
24	Hydrocarbon Production Optimization in Fields With Different Ownership and Commercial Interests. SPE Reservoir Evaluation and Engineering, 2010, 13, 95-104.	1.8	1
25	Simulation based analysis and an application to an offshore oil and gas production system of the Natvig measures of component importance in repairable systems. Reliability Engineering and System Safety, 2009, 94, 1629-1638.	8.9	32
26	Multi-reservoir production optimization. European Journal of Operational Research, 2009, 199, 236-251.	5.7	12
27	Multisegment production profile models — A tool for enhanced total value chain analysis. Journal of Petroleum Science and Engineering, 2007, 58, 325-338.	4.2	13
28	IMPROVED SIMULATION METHODS FOR SYSTEM RELIABILITY EVALUATION. Series on Quality, Reliability and Engineering Statistics, 2003, , 105-121.	0.2	2
29	On dependence and reliability computations. Networks, 1991, 21, 521-545.	2.7	4
30	Domination theory and the crapo $\hat{\rho}^2$ -invariant. Networks, 1989, 19, 135-149.	2.7	24
31	Drug abuse and environment in youth. Social Psychiatry Sozialpsychiatrie Psychiatrie Sociale, 1985, 20, 179-185.	1.1	6