Magne Aldrin

List of Publications by Year
in descending order

51	1,711	331259	288905
papers	citations	21 h-index	40 g-index

52	52	52	2171
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Real-time prediction of propulsion motor overheating using machine learning. Journal of Marine Engineering and Technology, 2022, 21, 334-342.	1.9	5
2	Evaluating effects of different control strategies for Infectious Salmon Anaemia (ISA) in marine salmonid farming by scenario simulation using a disease transmission model. Preventive Veterinary Medicine, 2021, 191, 105360.	0.7	7
3	Realtime case study simulations of transmission of Pancreas Disease (PD) in Norwegian salmonid farming for disease control purposes. Epidemics, 2021, 37, 100502.	1.5	5
4	Caveats with estimating natural mortality rates in stock assessment models using age aggregated catch data and abundance indices. Fisheries Research, 2021, 243, 106071.	0.9	5
5	Simulated effects of increasing salmonid production on sea lice populations in Norway. Epidemics, 2021, 37, 100508.	1.5	5
6	The specification of the data model part in the SAM model matters. Fisheries Research, 2020, 229, 105585.	0.9	5
7	A partly stage-structured model for the abundance of salmon lice in salmonid farms. Epidemics, 2019, 26, 9-22.	1.5	16
8	Comments on incongruous formulations in the SAM (state-space assessment model) model and consequences for fish stock assessment. Fisheries Research, 2019, 210, 224-227.	0.9	5
9	Climate sensitivity estimates â€“ sensitivity to radiative forcing time series and observational data. Earth System Dynamics, 2018, 9, 879-894.	2.7	21
10	A stage-structured Bayesian hierarchical model for salmon lice populations at individual salmon farms â€“ Estimated from multiple farm data sets. Ecological Modelling, 2017, 359, 333-348.	1.2	27
11	The epidemiological and economic effects from systematic depopulation of Norwegian marine salmon farms infected with pancreas disease virus. Preventive Veterinary Medicine, 2016, 132, 113-124.	0.7	9
12	Determination of safety margins for whole blood concentrations of alcohol and nineteen drugs in driving under the influence cases. Forensic Science International, 2016, 259, 119-126.	1.3	8
13	Fair compensation for gate and wind conditions in ski jumping â€“ estimated from competition data using a mixed model. Journal of Quantitative Analysis in Sports, 2015, 11, .	0.5	1
14	Spaceâ€“time modelling of the spread of pancreas disease (PD) within and between Norwegian marine salmonid farms. Preventive Veterinary Medicine, 2015, 121, 132-141.	0.7	26
15	A lower and more constrained estimate of climate sensitivity using updated observations and detailed radiative forcing time series. Earth System Dynamics, 2014, 5, 139-175.	2.7	51
16	Antibiotic resistance in hospitals: a wardâ€specific random effect model in a low antibiotic consumption environment. Statistics in Medicine, 2013, 32, 1407-1418.	0.8	11
17	Sexually active groups in cattleâ€”A novel estrus sign. Journal of Dairy Science, 2013, 96, 4375-4386.	1.4	17
18	Space-Time Modelling of the Spread of Salmon Lice between and within Norwegian Marine Salmon Farms. PLoS ONE, 2013, 8, e64039.	1.1	50

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19	Improving management decisions by predicting fish bycatch in the Barents Sea shrimp fishery. ICES Journal of Marine Science, 2012, 69, 64-74.	1.2	7
20	An approach to combining parallel and cross-over trials with and without run-in periods using individual patient data. Clinical Trials, 2012, 9, 164-175.	0.7	3
21	Sea lice as a density-dependent constraint to salmonid farming. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2330-2338.	1.2	152
22	A Bayesian modelling framework for the estimation of catch-at-age of commercially harvested fish species. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 2064-2076.	0.7	7
23	Bayesian estimation of climate sensitivity based on a simple climate model fitted to observations of hemispheric temperatures and global ocean heat content. Environmetrics, 2012, 23, 253-271.	0.6	78
24	Prediction of biomass in Norwegian fish farms. Canadian Journal of Fisheries and Aquatic Sciences, 2011, 68, 1420-1434.	0.7	5
25	Future building water loss projections posed by climate change. Scandinavian Actuarial Journal, 2011, 2011, 1-20.	1.0	18
26	Modelling the spread of infectious salmon anaemia among salmon farms based on seaway distances between farms and genetic relationships between infectious salmon anaemia virus isolates. Journal of the Royal Society Interface, 2011, 8, 1346-1356.	1.5	54
27	Behavior of lactating Holstein-Friesian cows during spontaneous cycles of estrus. Journal of Dairy Science, 2011, 94, 1289-1301.	1.4	34
28	A stochastic model for the assessment of the transmission pathways of heart and skeleton muscle inflammation, pancreas disease and infectious salmon anaemia in marine fish farms in Norway. Preventive Veterinary Medicine, 2010, 93, 51-61.	0.7	69
29	Predictors of sub-clinical enterovirus infections in infants: a prospective cohort study. International Journal of Epidemiology, 2010, 39, 459-468.	0.9	19
30	Levels of hexachlorobenzene (HCB) in breast milk in relation to birth weight in a Norwegian cohort. Environmental Research, 2009, 109, 559-566.	3.7	72
31	Prevalence of alcohol and drugs among Norwegian motor vehicle drivers: A roadside survey. Accident Analysis and Prevention, 2008, 40, 1765-1772.	3.0	96
32	The effect of salting with magnesium chloride on the concentration of particular matter in a road tunnel. Atmospheric Environment, 2008, 42, 1762-1776.	1.9	26
33	Estimating and decomposing total uncertainty for survey-based abundance estimates of Norwegian spring-spawning herring. ICES Journal of Marine Science, 2007, 64, 1302-1312.	1.2	32
34	Predicting survival from microarray data a comparative study. Bioinformatics, 2007, 23, 2080-2087.	1.8	269
35	A stochastic model for infectious salmon anemia (ISA) in Atlantic salmon farming. Journal of the Royal Society Interface, 2007, 4, 699-706.	1.5	40
36	Forecasting Acidification Effects Using a Bayesian Calibration and Uncertainty Propagation Approach. Environmental Science & Technology, 2006, 40, 7841-7847.	4.6	31

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37	Improved predictions penalizing both slope and curvature in additive models. Computational Statistics and Data Analysis, 2006, 50, 267-284.	0.7	11
38	Predicting blood donor arrival. Transfusion, 2005, 45, 162-170.	0.8	38
39	Generalised additive modelling of air pollution, traffic volume and meteorology. Atmospheric Environment, 2005, 39, 2145-2155.	1.9	120
40	The influence of missing value imputation on detection of differentially expressed genes from microarray data. Bioinformatics, 2005, 21, 4272-4279.	1.8	61
41	Estimating catch-at-age by combining data from different sources. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 1377-1385.	0.7	11
42	A Controlled Experiment Comparing the Maintainability of Programs Designed with and without Design Patternsâ€"A Replication in a Real Programming Environment. Empirical Software Engineering, 2004, 9, 149-195.	3.0	79
43	Analysis of the humoral immune response to immunoselected phage-displayed peptides by a microarray-based method. Proteomics, 2004, 4, 2572-2582.	1.3	36
44	Comment on Cowling's â€œSpatial Methods for Line Transect Surveysâ€• Biometrics, 2003, 59, 186-188.	0.8	5
45	Multivariate Prediction Using Softly Shrunk Reduced-Rank Regression. American Statistician, 2000, 54, 29.	0.9	2
46	Multivariate Prediction using Softly Shrunk Reduced-Rank Regression. American Statistician, 2000, 54, 29-34.	0.9	9
47	Length modified ridge regression. Computational Statistics and Data Analysis, 1997, 25, 377-398.	0.7	16
48	Moderate projection pursuit regression for multivariate response data. Computational Statistics and Data Analysis, 1996, 21, 501-531.	0.7	15
49	Projection pursuit regression for moderate non-linearities. Computational Statistics and Data Analysis, 1993, 16, 379-403.	0.7	9
50	Forecasting nonâ€seasonal time series with missing observations. Journal of Forecasting, 1989, 8, 97-116.	1.6	11
51	Time series analysis of unequally spaced observations-with applications to copper contamination of the river gaula in central norway. Environmental Monitoring and Assessment, 1989, 13, 227-243.	1.3	1