

# Mette Langaas

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,238  
citations

304602

22  
h-index

360920

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the proportion of true null hypotheses, with application to DNA microarray data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2005, 67, 555-572.	1.1	223
2	GeneTools – application for functional annotation and statistical hypothesis testing. <i>BMC Bioinformatics</i> , 2006, 7, 470.	1.2	78
3	Effects of mRNA amplification on gene expression ratios in cDNA experiments estimated by analysis of variance. <i>BMC Genomics</i> , 2003, 4, 11.	1.2	66
4	Analysis of repeatability in spotted cDNA microarrays. <i>Nucleic Acids Research</i> , 2002, 30, 3235-3244.	6.5	49
5	Functional Toll-like receptors in primary first-trimester trophoblasts. <i>Journal of Reproductive Immunology</i> , 2014, 106, 89-99.	0.8	45
6	Decidual expression and maternal serum levels of heme oxygenase 1 are increased in pre-eclampsia. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2008, 87, 272-279.	1.3	42
7	Matrix Metalloproteinase 1 in Pre-eclampsia and Fetal Growth Restriction: Reduced Gene Expression in Decidual Tissue and Protein Expression in Extravillous Trophoblasts. <i>Placenta</i> , 2010, 31, 615-620.	0.7	42
8	Circulating microRNAs as predictive biomarkers of myocardial infarction: Evidence from the HUNT study. <i>Atherosclerosis</i> , 2019, 289, 1-7.	0.4	42
9	Intergenerational Transmission of Overweight and Obesity from Parents to Their Adolescent Offspring – The HUNT Study. <i>PLoS ONE</i> , 2016, 11, e0166585.	1.1	42
10	Identification of novel neuroendocrine-specific tumour genes. <i>British Journal of Cancer</i> , 2008, 99, 1330-1339.	2.9	40
11	Aerobic capacity-dependent differences in cardiac gene expression. <i>Physiological Genomics</i> , 2008, 33, 100-109.	1.0	37
12	Limitations of mRNA amplification from small-size cell samples. <i>BMC Genomics</i> , 2005, 6, 147.	1.2	35
13	Understanding sample size: what determines the required number of microarrays for an experiment?. <i>Trends in Plant Science</i> , 2007, 12, 46-50.	4.3	33
14	Acetylsalicylic acid treatment until surgery reduces oxidative stress and inflammation in patients undergoing coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 1154-1163.	0.6	33
15	Gene expression profiling of skeletal muscle in exercise-trained and sedentary rats with inborn high and low VO <sub>2max</sub> . <i>Physiological Genomics</i> , 2008, 35, 213-221.	1.0	32
16	The exact unconditional $z$ -pooled test for equality of two binomial probabilities: optimal choice of the Berger and Boos confidence coefficient. <i>Journal of Statistical Computation and Simulation</i> , 2012, 82, 1311-1316.	0.7	31
17	Identification of fidgety movements and prediction of CP by the use of computer-based video analysis is more accurate when based on two video recordings. <i>Physiotherapy Theory and Practice</i> , 2013, 29, 469-475.	0.6	29
18	Assessing gene-environment interaction effects of FTO, MC4R and lifestyle factors on obesity using an extreme phenotype sampling design: Results from the HUNT study. <i>PLoS ONE</i> , 2017, 12, e0175071.	1.1	29

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19	A new method for exploring gene-gene and gene-environment interactions in GWAS with tree ensemble methods and SHAP values. <i>BMC Bioinformatics</i> , 2021, 22, 230.	1.2	28
20	Powerful extreme phenotype sampling designs and score tests for genetic association studies. <i>Statistics in Medicine</i> , 2018, 37, 4234-4251.	0.8	27
21	Pathological and physiological hypertrophies are regulated by distinct gene programs. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009, 16, 690-697.	3.1	25
22	Identification of novel growth factor-responsive genes in neuroendocrine gastrointestinal tumour cells. <i>British Journal of Cancer</i> , 2005, 92, 1506-1516.	2.9	23
23	Molecular characterization of rat gastric mucosal response to potent acid inhibition. <i>Physiological Genomics</i> , 2005, 22, 24-32.	1.0	22
24	Fetal growth restriction is associated with reduced FasL expression by decidual cells. <i>Journal of Reproductive Immunology</i> , 2007, 74, 7-14.	0.8	22
25	Variability in UDP-glucuronosyltransferase genes and morphine metabolism. <i>Pharmacogenetics and Genomics</i> , 2013, 23, 117-126.	0.7	19
26	The duration of gastrin treatment affects global gene expression and molecular responses involved in ER stress and anti-apoptosis. <i>BMC Genomics</i> , 2013, 14, 429.	1.2	18
27	Simulated Likelihood Methods for Complex Double-Platform Line Transect Surveys. <i>Biometrics</i> , 1999, 55, 678-687.	0.8	17
28	Central obesity is associated with lower intake of whole-grain bread and less frequent breakfast and lunch: results from the HUNT study, an adult all-population survey. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 819-828.	0.9	16
29	Plant defence responses in oilseed rape MINELESS plants after attack by the cabbage moth <i>Mamestra brassicae</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 579-592.	2.4	16
30	Differential Gene Expression at the Maternal-Fetal Interface in Preeclampsia Is Influenced by Gestational Age. <i>PLoS ONE</i> , 2013, 8, e69848.	1.1	13
31	Changes in gene expression of gastric mucosa during therapeutic acid inhibition. <i>European Journal of Gastroenterology and Hepatology</i> , 2008, 20, 613-623.	0.8	12
32	Balanced Caloric Macronutrient Composition Downregulates Immunological Gene Expression in Human Blood Cells-Adipose Tissue Diverges. <i>OMICS A Journal of Integrative Biology</i> , 2013, 17, 41-52.	1.0	12
33	Functional studies on transfected cell microarray analysed by linear regression modelling. <i>Nucleic Acids Research</i> , 2008, 36, e97-e97.	6.5	8
34	The fat mass and obesity-associated (FTO) gene allele rs9939609 and glucose tolerance, hepatic and total insulin sensitivity, in adults with obesity. <i>PLoS ONE</i> , 2021, 16, e0248247.	1.1	8
35	Mobile Sensing in Substance Use Research: A Scoping Review. <i>Telemedicine Journal and E-Health</i> , 2020, 26, 1191-1196.	1.6	7
36	Robust methods to detect disease-genotype association in genetic association studies: calculate p-values using exact conditional enumeration instead of simulated permutations or asymptotic approximations. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2014, 13, 675-92.	0.2	5

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37	A Bayesian Hierarchical Model for Quantitative Real-Time PCR Data. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2010, 9, Article 3.	0.2	4
38	ADHD and Mental Health Symptoms in the Identification of Young Adults with Increased Risk of Alcohol Dependency in the General Populationâ€”The HUNT4 Population Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11601.	1.2	3
39	Computationally efficient familywise error rate control in genomeâ€”wide association studies using score tests for generalized linear models. <i>Scandinavian Journal of Statistics</i> , 2020, 47, 1090-1113.	0.9	2
40	Functional Studies on RNA-Transfected Cell Microarrays. <i>Methods in Molecular Biology</i> , 2010, 629, 173-189.	0.4	2