

Louise Dalgaard

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

4,037
citations

159358

30
h-index

118652

62
g-index

80
all docs

80
docs citations

80
times ranked

5334
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergence of Melanocortin Pathways in the Control of Food Intake and Energy Expenditure. <i>Cell</i> , 2005, 123, 493-505.	13.5	963
2	MicroRNAs in metabolism. <i>Acta Physiologica</i> , 2017, 219, 346-361.	1.8	302
3	Superoxide-mediated activation of uncoupling protein 2 causes pancreatic β cell dysfunction. <i>Journal of Clinical Investigation</i> , 2003, 112, 1831-1842.	3.9	300
4	Uncoupling proteins: functional characteristics and role in the pathogenesis of obesity and Type II diabetes. <i>Diabetologia</i> , 2001, 44, 946-965.	2.9	202
5	Superoxide-mediated activation of uncoupling protein 2 causes pancreatic β cell dysfunction. <i>Journal of Clinical Investigation</i> , 2003, 112, 1831-1842.	3.9	164
6	MicroRNAs Related to Polycystic Ovary Syndrome (PCOS). <i>Genes</i> , 2014, 5, 684-708.	1.0	124
7	Impact of the val/val 55 polymorphism of the uncoupling protein 2 gene on 24h energy expenditure and substrate oxidation. <i>International Journal of Obesity</i> , 1999, 23, 1030-1034.	1.6	104
8	The association between the val/ala-55 polymorphism of the uncoupling protein 2 gene and exercise efficiency. <i>International Journal of Obesity</i> , 2001, 25, 467-471.	1.6	101
9	MicroRNA-29a is up-regulated in beta-cells by glucose and decreases glucose-stimulated insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , 2012, 426, 266-272.	1.0	90
10	Mutations in the hepatocyte nuclear factor-1 α gene in Caucasian families originally classified as having Type I diabetes. <i>Diabetologia</i> , 1998, 41, 1528-1531.	2.9	89
11	Glucose-induced repression of PPAR α gene expression in pancreatic β -cells involves PP2A activation and AMPK inactivation. <i>Journal of Molecular Endocrinology</i> , 2006, 36, 289-299.	1.1	82
12	Interplay of mitochondrial metabolism and microRNAs. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 631-646.	2.4	77
13	Mutational analysis of the coding region of the uncoupling protein 2 gene in obese NIDDM patients: Impact of a common amino acid polymorphism on juvenile and maturity onset forms of obesity and insulin resistance. <i>Diabetologia</i> , 1997, 40, 1227-1230.	2.9	76
14	Impact of fetal and neonatal environment on beta cell function and development of diabetes. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 1109-1122.	1.3	74
15	Studies of the genetic variability of the coding region of the hepatocyte nuclear factor-4 α in Caucasians with maturity onset NIDDM. <i>Diabetologia</i> , 1997, 40, 980-983.	2.9	71
16	MicroRNA Species in Follicular Fluid Associating With Polycystic Ovary Syndrome and Related Intermediary Phenotypes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1579-1589.	1.8	58
17	Calcium electroporation and electrochemotherapy for cancer treatment: Importance of cell membrane composition investigated by lipidomics, calorimetry and in vitro efficacy. <i>Scientific Reports</i> , 2019, 9, 4758.	1.6	56
18	Genetic Variance in Uncoupling Protein 2 in Relation to Obesity, Type 2 Diabetes, and Related Metabolic Traits: Focus on the Functional α 866G; A Promoter Variant (rs659366). <i>Journal of Obesity</i> , 2011, 2011, 1-12.	1.1	51

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19	MicroRNAs related to androgen metabolism and polycystic ovary syndrome. <i>Chemico-Biological Interactions</i> , 2016, 259, 8-16.	1.7	51
20	Organisation of the coding exons and mutational screening of the uncoupling protein 3 gene in subjects with juvenile-onset obesity. <i>Diabetologia</i> , 1998, 41, 241-244.	2.9	49
21	Mutational Analysis of the <i>UCP2</i> Core Promoter and Relationships of Variants with Obesity. <i>Obesity</i> , 2003, 11, 1420-1427.	4.0	47
22	microRNA-155 inhibition restores Fibroblast Growth Factor 7 expression in diabetic skin and decreases wound inflammation. <i>Scientific Reports</i> , 2019, 9, 5836.	1.6	45
23	Interactions between physical activity and variants of the genes encoding uncoupling proteins β^2 and β^3 in relation to body weight changes during a 10-y follow-up. <i>International Journal of Obesity</i> , 2005, 29, 93-99.	1.6	40
24	An untranslated insertion variant in the uncoupling protein 2 gene is not related to body mass index and changes in body weight during a 26-year follow-up in Danish Caucasian men. <i>Diabetologia</i> , 1999, 42, 1413-1416.	2.9	39
25	Mechanistic Actions of microRNAs in Diabetic Wound Healing. <i>Cells</i> , 2020, 9, 2228.	1.8	38
26	Non-Coding RNA in Pancreas and β^2 -Cell Development. <i>Non-coding RNA</i> , 2018, 4, 41.	1.3	37
27	The frequent <i>UCP2</i> β^866G polymorphism protects against insulin resistance and is associated with obesity: a study of obesity and related metabolic traits among 17,636 Danes. <i>International Journal of Obesity</i> , 2013, 37, 175-181.	1.6	36
28	The Predictive Value of miR-16, -29a and -134 for Early Identification of Gestational Diabetes: A Nested Analysis of the DALI Cohort. <i>Cells</i> , 2021, 10, 170.	1.8	35
29	A Prevalent Polymorphism in the Promoter of the <i>UCP3</i> Gene and Its Relationship to Body Mass Index and Long Term Body Weight Change in the Danish Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1398-1402.	1.8	34
30	Syntaxin-1a is a Direct Target of miR-29a in Insulin-producing β^2 -Cells. <i>Hormone and Metabolic Research</i> , 2013, 45, 463-466.	0.7	34
31	Integrative Genomics Outlines a Biphasic Glucose Response and a ChREBP-ROR β^3 Axis Regulating Proliferation in β^2 Cells. <i>Cell Reports</i> , 2016, 16, 2359-2372.	2.9	34
32	A Prevalent Polymorphism in the Promoter of the <i>UCP3</i> Gene and Its Relationship to Body Mass Index and Long Term Body Weight Change in the Danish Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1398-1402.	1.8	33
33	Trefoil Factors Are Expressed in Human and Rat Endocrine Pancreas: Differential Regulation by Growth Hormone. <i>Endocrinology</i> , 2006, 147, 5752-5759.	1.4	30
34	Levels of Circulating miR-122 are Associated with Weight Loss and Metabolic Syndrome. <i>Obesity</i> , 2020, 28, 493-501.	1.5	30
35	Hyperandrogenism and Metabolic Syndrome Are Associated With Changes in Serum-Derived microRNAs in Women With Polycystic Ovary Syndrome. <i>Frontiers in Medicine</i> , 2019, 6, 242.	1.2	27
36	Expression and Localization of microRNAs in Perinatal Rat Pancreas: Role of miR-21 in Regulation of Cholesterol Metabolism. <i>PLoS ONE</i> , 2011, 6, e25997.	1.1	24

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37	Neurotensin, substance P, and insulin enhance cell migration. <i>Journal of Peptide Science</i> , 2018, 24, e3093.	0.8	22
38	An α -beta TM of pancreatic islet microribonucleotides. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 88, 208-219.	1.2	21
39	Improved diabetic wound healing by LFCinB is associated with relevant changes in the skin immune response and microbiota. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 20, 726-739.	1.8	20
40	Metformin decreases miR-122, miR-223 and miR-29a in women with polycystic ovary syndrome. <i>Endocrine Connections</i> , 2020, 9, 1075-1084.	0.8	20
41	The microRNA-29 family: role in metabolism and metabolic disease. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C367-C377.	2.1	20
42	A Novel Phe75fsdelT Mutation in the Hepatocyte Nuclear Factor-4 \pm Gene in a Danish Pedigree with Maturity-Onset Diabetes of the Young1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 367-369.	1.8	19
43	Intermediate expansions of a GAA repeat in the frataxin gene are not associated with type 2 diabetes or altered glucose-induced beta-cell function in Danish Caucasians. <i>Diabetes</i> , 1999, 48, 914-917.	0.3	19
44	Observation. <i>Diabetologia</i> , 2001, 44, 1065-1067.	2.9	17
45	Machine learning workflows identify a microRNA signature of insulin transcription in human tissues. <i>IScience</i> , 2021, 24, 102379.	1.9	17
46	The long noncoding RNA MALAT1 predicts human islet isolation quality. <i>JCI Insight</i> , 2019, 4, .	2.3	17
47	A Novel Phe75fsdelT Mutation in the Hepatocyte Nuclear Factor-4 \hat{A} Gene in a Danish Pedigree with Maturity-Onset Diabetes of the Young. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 367-369.	1.8	16
48	UCP2 mRNA expression is dependent on glucose metabolism in pancreatic islets. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 495-500.	1.0	13
49	Suppression of FAT/CD36 mRNA by human growth hormone in pancreatic \hat{I}^2 -cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 345-350.	1.0	12
50	Carriers of a <i>VEGFA</i> enhancer polymorphism selectively binding CHOP/DDIT3 are predisposed to increased circulating levels of thyroid-stimulating hormone. <i>Journal of Medical Genetics</i> , 2017, 54, 166-175.	1.5	12
51	The glycolipid sulfatide protects insulin-producing cells against cytokine-induced apoptosis, a possible role in diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2010, 26, 631-638.	1.7	11
52	<i>LMNA</i> rs4641 and the Muscle Lamin A and C Isoforms in Twins TM Metabolic Implications and Transcriptional Regulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3884-3892.	1.8	11
53	Dietary supplementation with sulforaphane ameliorates skin aging through activation of the Keap1-Nrf2 pathway. <i>Journal of Nutritional Biochemistry</i> , 2021, 98, 108817.	1.9	11
54	Consensus guidelines for the validation of qRT-PCR assays in clinical research by the CardioRNA consortium. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 24, 171-180.	1.8	11

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55	Expression of miR-206 in human islets and its role in glucokinase regulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E634-E637.	1.8	10
56	Functional Mitochondria Are Important for the Effect of Resveratrol. <i>Molecules</i> , 2017, 22, 847.	1.7	9
57	Levels of circulating insulin cell-free DNA in women with polycystic ovary syndrome – a longitudinal cohort study. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 34.	1.4	8
58	Regulation of integrin $\alpha 6$ by lactogenic hormones in rat pancreatic β -cells: Implications for the physiological adaptation to pregnancy. <i>Acta Physiologica</i> , 2020, 229, e13454.	1.8	8
59	Human Leukocyte Antigen-G and Regulatory T Cells during Specific Immunotherapy for Pollen Allergy. <i>International Archives of Allergy and Immunology</i> , 2013, 162, 237-252.	0.9	7
60	Sirtuin 1 independent effects of resveratrol in INS-1E β -cells. <i>Chemico-Biological Interactions</i> , 2017, 264, 52-60.	1.7	7
61	Isolation and Analysis of Mitochondrial Small RNAs from Rat Liver Tissue and HepG2 Cells. <i>Methods in Molecular Biology</i> , 2018, 1782, 337-350.	0.4	7
62	STAT5 activity in pancreatic β -cells. <i>Expert Review of Endocrinology and Metabolism</i> , 2008, 3, 423-439.	1.2	6
63	A bird's eye view of the dynamics of pancreatic β -cell heterogeneity. <i>Acta Physiologica</i> , 2021, 233, e13664.	1.8	6
64	The Temporal Profile of Circulating miRNAs during Gestation in Overweight and Obese Women with or without Gestational Diabetes Mellitus. <i>Biomedicines</i> , 2022, 10, 482.	1.4	6
65	Trefoil factor 3 in perinatal pancreas is increased by gestational low protein diet and associated with accelerated β -cell maturation. <i>Islets</i> , 2018, 10, e1472186.	0.9	5
66	Basal and T3-induced ROS Production in Lymphocyte Mitochondria is Increased in Type 2 Diabetic Patients. <i>Hormone and Metabolic Research</i> , 2013, 45, 261-266.	0.7	4
67	Physiological phenotyping of mammalian cell lines by enzymatic activity fingerprinting of key carbohydrate metabolic enzymes: a pilot and feasibility study. <i>BMC Research Notes</i> , 2019, 12, 682.	0.6	4
68	Circadian rhythms meet <i>in utero</i> metabolic programming. <i>Acta Physiologica</i> , 2016, 217, 182-183.	1.8	3
69	Effects of the Diabetes-Induced MicroRNA-155 on Wound Healing and Fibroblast Growth Factor 7 Expression. <i>Diabetes</i> , 2018, 67, 29-LB.	0.3	2
70	DNA Methylation and Gene Expression in Blood and Adipose Tissue of Adult Offspring of Women with Diabetes in Pregnancy – A Validation Study of DNA Methylation Changes Identified in Adolescent Offspring. <i>Biomedicines</i> , 2022, 10, 1244.	1.4	2
71	Editorial commentary: Wanted: MicroRNAs to the aid of the diabetic foot. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 138-140.	2.3	1
72	Manipulating cellular microRNAs and analyzing high-dimensional gene expression data using machine learning workflows. <i>STAR Protocols</i> , 2021, 2, 100910.	0.5	1

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73	Analysis of Half a Billion Datapoints Across Ten Machine-Learning Algorithms Identifies Key Elements Associated With Insulin Transcription in Human Pancreatic Islet Cells. <i>Frontiers in Endocrinology</i> , 2022, 13, 853863.	1.5	1
74	MicroRNA and Diabetes Mellitus. , 2016, , 263-276.		0
75	Cumulative disadvantage. <i>Acta Physiologica</i> , 2018, 223, e13052.	1.8	0
76	Localization of microRNA-375 in perinatal rat pancreas. <i>Non-coding RNAs in Endocrinology</i> , 2018, 3, 1-4.	0.0	0
77	Assessment of β -Cell Replication in Isolated Rat Islets of Langerhans. <i>Methods in Molecular Biology</i> , 2019, 2029, 25-35.	0.4	0
78	Analysis of \sim 14700 Human Tissue Samples Identifies microRNAs That Are Associated with, Predictive of, and Necessary for Insulin Gene Transcription. <i>Diabetes</i> , 2018, 67, .	0.3	0