

Marloes Dekker Nitert

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

5,958
citations

100601

38
h-index

87275

74
g-index

105
all docs

105
docs citations

105
times ranked

9759
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Abundance of Nitrate-Reducing Bacteria in the Oral Microbiota of Women with Future Preeclampsia. <i>Nutrients</i> , 2022, 14, 1139.	1.7	6
2	Impact of Food-Based Weight Loss Interventions on Gut Microbiome in Individuals with Obesity: A Systematic Review. <i>Nutrients</i> , 2022, 14, 1953.	1.7	9
3	The influence of wasabi on the gut microbiota of high-carbohydrate, high-fat diet-induced hypertensive Wistar rats. <i>Journal of Human Hypertension</i> , 2021, 35, 170-180.	1.0	17
4	Maternal overnutrition and mitochondrial function. , 2021, , 265-296.		0
5	Pregnant women who develop preeclampsia have lower abundance of the butyrate-producer <i>Coprococcus</i> in their gut microbiota. <i>Pregnancy Hypertension</i> , 2021, 23, 211-219.	0.6	42
6	Capillary Triglycerides in Late Pregnancyâ€”Challenging to Measure, Hard to Interpret: A Cohort Study of Practicality. <i>Nutrients</i> , 2021, 13, 1266.	1.7	1
7	Probiotics for preventing gestational diabetes. <i>The Cochrane Library</i> , 2021, 2021, CD009951.	1.5	28
8	Maternal gut microbiota displays minor changes in overweight and obese women with GDM. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2131-2139.	1.1	8
9	Increasing pregnancy duration, fetal and early postnatal growth in LMIC: The importance of a gut microbiome that exploits dietary staples. <i>EBioMedicine</i> , 2021, 69, 103449.	2.7	0
10	Ketones in Pregnancy: Why Is It Considered Necessary to Avoid Them and What Is the Evidence Behind Their Perceived Risk?. <i>Diabetes Care</i> , 2021, 44, 280-289.	4.3	16
11	Consumption of a Low Carbohydrate Diet in Overweight or Obese Pregnant Women Is Associated with Longer Gestation of Pregnancy. <i>Nutrients</i> , 2021, 13, 3511.	1.7	0
12	Reâ€”Assessing microbiomes in the lowâ€”biomass reproductive niche. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 147-158.	1.1	50
13	Pregnancy and diet-related changes in the maternal gut microbiota following exposure to an elevated linoleic acid diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E276-E285.	1.8	10
14	The Gut Microbiota and Inflammation: An Overview. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7618.	1.2	296
15	Altered Gut Microbiota Composition Is Associated With Back Pain in Overweight and Obese Individuals. <i>Frontiers in Endocrinology</i> , 2020, 11, 605.	1.5	39
16	Dietary Fiber Intake Alters Gut Microbiota Composition but Does Not Improve Gut Wall Barrier Function in Women with Future Hypertensive Disorders of Pregnancy. <i>Nutrients</i> , 2020, 12, 3862.	1.7	12
17	Wasabi supplementation alters the composition of the gut microbiota of diet-induced obese rats. <i>Journal of Functional Foods</i> , 2020, 67, 103868.	1.6	13
18	Self-reported periconception weight loss attempts do not alter infant body composition. <i>Nutrition</i> , 2020, 77, 110781.	1.1	1

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19	Ketonuria Is Associated with Changes to the Abundance of Roseburia in the Gut Microbiota of Overweight and Obese Women at 16 Weeks Gestation: A Cross-Sectional Observational Study. <i>Nutrients</i> , 2019, 11, 1836.	1.7	14
20	Glucolipototoxicity Alters Insulin Secretion via Epigenetic Changes in Human Islets. <i>Diabetes</i> , 2019, 68, 1965-1974.	0.3	30
21	Probiotics for the Prevention of Gestational Diabetes Mellitus in Overweight and Obese Women: Findings From the SPRING Double-Blind Randomized Controlled Trial. <i>Diabetes Care</i> , 2019, 42, 364-371.	4.3	125
22	Faecal Microbiota Are Related to Insulin Sensitivity and Secretion in Overweight or Obese Adults. <i>Journal of Clinical Medicine</i> , 2019, 8, 452.	1.0	68
23	Effect of Vitamin D Supplementation on Faecal Microbiota: A Randomised Clinical Trial. <i>Nutrients</i> , 2019, 11, 2888.	1.7	58
24	Knights in Shining Armor. <i>Circulation Research</i> , 2019, 124, 12-14.	2.0	4
25	Prevalence of maternal urinary ketones in pregnancy in overweight and obese women. <i>Obstetric Medicine</i> , 2018, 11, 79-82.	0.5	6
26	Probiotics in the Prevention of Gestational Diabetes Mellitus (GDM). , 2018, , 275-288.		0
27	The effects of high glucose exposure on global gene expression and DNA methylation in human pancreatic islets. <i>Molecular and Cellular Endocrinology</i> , 2018, 472, 57-67.	1.6	72
28	Mid-to-Late Gestational Changes in Inflammatory Gene Expression in the Rat Placenta. <i>Reproductive Sciences</i> , 2018, 25, 222-229.	1.1	3
29	Low dietary fiber intake increases <i>Collinsella</i> abundance in the gut microbiota of overweight and obese pregnant women. <i>Gut Microbes</i> , 2018, 9, 189-201.	4.3	233
30	Placental mitochondrial adaptations in preeclampsia associated with progression to term delivery. <i>Cell Death and Disease</i> , 2018, 9, 1150.	2.7	63
31	Iron supplementation has minor effects on gut microbiota composition in overweight and obese women in early pregnancy. <i>British Journal of Nutrition</i> , 2018, 120, 283-289.	1.2	20
32	A Vegetarian Diet Is a Major Determinant of Gut Microbiota Composition in Early Pregnancy. <i>Nutrients</i> , 2018, 10, 890.	1.7	82
33	Review: Is rapid fat accumulation in early life associated with adverse later health outcomes?. <i>Placenta</i> , 2017, 54, 125-130.	0.7	14
34	Review: Alterations in placental glycogen deposition in complicated pregnancies: Current preclinical and clinical evidence. <i>Placenta</i> , 2017, 54, 52-58.	0.7	58
35	Antibiotic treatment at delivery shapes the initial oral microbiome in neonates. <i>Scientific Reports</i> , 2017, 7, 43481.	1.6	72
36	Contributions of the maternal oral and gut microbiome to placental microbial colonization in overweight and obese pregnant women. <i>Scientific Reports</i> , 2017, 7, 2860.	1.6	120

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37	Review: Maternal health and the placental microbiome. <i>Placenta</i> , 2017, 54, 30-37.	0.7	129
38	Review: Placental transport and metabolism of energy substrates in maternal obesity and diabetes. <i>Placenta</i> , 2017, 54, 59-67.	0.7	56
39	Review: Placental mitochondrial function and structure in gestational disorders. <i>Placenta</i> , 2017, 54, 2-9.	0.7	151
40	Home Monitoring of Fasting and Postprandial Triglycerides in Late Pregnancy: A Pilot Study. <i>Diabetes Care</i> , 2017, 40, e1-e2.	4.3	5
41	Successful vaginal delivery following spontaneous adrenal haemorrhage at term. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016215096.	0.2	1
42	Prenatal Exposures to Multiple Thyroid Hormone Disruptors: Effects on Glucose and Lipid Metabolism. <i>Journal of Thyroid Research</i> , 2016, 2016, 1-14.	0.5	11
43	Connections Between the Gut Microbiome and Metabolic Hormones in Early Pregnancy in Overweight and Obese Women. <i>Diabetes</i> , 2016, 65, 2214-2223.	0.3	223
44	Increased Systolic and Diastolic Blood Pressure Is Associated With Altered Gut Microbiota Composition and Butyrate Production in Early Pregnancy. <i>Hypertension</i> , 2016, 68, 974-981.	1.3	293
45	CART is overexpressed in human type 2 diabetic islets and inhibits glucagon secretion and increases insulin secretion. <i>Diabetologia</i> , 2016, 59, 1928-1937.	2.9	24
46	Serotonin (5-HT) receptor 2b activation augments glucose-stimulated insulin secretion in human and mouse islets of Langerhans. <i>Diabetologia</i> , 2016, 59, 744-754.	2.9	64
47	The rat placental renin-angiotensin system - a gestational gene expression study. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 89.	1.4	15
48	Placental lipase expression in pregnancies complicated by preeclampsia: a case-control study. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 100.	1.4	10
49	Gestation Related Gene Expression of the Endocannabinoid Pathway in Rat Placenta. <i>Mediators of Inflammation</i> , 2015, 2015, 1-9.	1.4	11
50	Exercise in pregnancy does not alter gestational weight gain, MCP or leptin in obese women. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2015, 55, 27-33.	0.4	33
51	Rapid method for growth hormone receptor exon 3 delete (GHRd3) SNP genotyping from archival human placental samples. <i>Endocrine</i> , 2015, 49, 643-652.	1.1	3
52	Placental fibroblast growth factor 21 is not altered in late-onset preeclampsia. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 14.	1.4	11
53	Less pronounced response to exercise in healthy relatives to type 2 diabetic subjects compared with controls. <i>Journal of Applied Physiology</i> , 2015, 119, 953-960.	1.2	13
54	Altered serotonin (5-HT) 1D and 2A receptor expression may contribute to defective insulin and glucagon secretion in human type 2 diabetes. <i>Peptides</i> , 2015, 71, 113-120.	1.2	82

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55	Rapid method for Growth Hormone Receptor exon 3 delete (GHR d3) SNP genotyping from archival human placental samples. <i>Placenta</i> , 2015, 36, A19.	0.7	0
56	Probiotics and Pregnancy. <i>Current Diabetes Reports</i> , 2015, 15, 567.	1.7	33
57	Periconception Weight Loss: Common Sense for Mothers, but What about for Babies?. <i>Journal of Obesity</i> , 2014, 2014, 1-10.	1.1	17
58	Effects of palmitate on genome-wide mRNA expression and DNA methylation patterns in human pancreatic islets. <i>BMC Medicine</i> , 2014, 12, 103.	2.3	123
59	Validation of a triglyceride meter for use in pregnancy. <i>BMC Research Notes</i> , 2014, 7, 679.	0.6	7
60	Differential response to lipopolysaccharide by JEG-3 and BeWo human choriocarcinoma cell lines. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 175, 129-133.	0.5	18
61	Normalizing Metabolism in Diabetic Pregnancy: Is It Time to Target Lipids?. <i>Diabetes Care</i> , 2014, 37, 1484-1493.	4.3	110
62	Increased Placental Expression of Fibroblast Growth Factor 21 in Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E591-E598.	1.8	39
63	Probiotics for preventing gestational diabetes. <i>The Cochrane Library</i> , 2014, , CD009951.	1.5	56
64	Maternal lipids in pre-eclampsia: innocent bystander or culprit?. <i>Hypertension in Pregnancy</i> , 2014, 33, 508-523.	0.5	18
65	Expression of placental fibroblast growth factor 21 (FGF21) is increased in placental tissue from pregnancies with preeclampsia. <i>Placenta</i> , 2014, 35, A84.	0.7	1
66	20. Preconception care and barriers to addressing overweight and obesity: a focus on weight loss advice and weight loss strategies. <i>Human Health Handbooks</i> , 2014, , 327-342.	0.1	0
67	Placental Lipases in Pregnancies Complicated by Gestational Diabetes Mellitus (GDM). <i>PLoS ONE</i> , 2014, 9, e104826.	1.1	33
68	DNA methylation of the glucagon-like peptide 1 receptor (GLP1R) in human pancreatic islets. <i>BMC Medical Genetics</i> , 2013, 14, 76.	2.1	86
69	SPRING: an RCT study of probiotics in the prevention of gestational diabetes mellitus in overweight and obese women. <i>BMC Pregnancy and Childbirth</i> , 2013, 13, 50.	0.9	76
70	Determinants of Maternal Triglycerides in Women With Gestational Diabetes Mellitus in the Metformin in Gestational Diabetes (MiG) Study. <i>Diabetes Care</i> , 2013, 36, 1941-1946.	4.3	27
71	Does a history of hypertensive disorders of pregnancy help predict future essential hypertension? Findings from a prospective pregnancy cohort study. <i>Journal of Human Hypertension</i> , 2013, 27, 309-314.	1.0	16
72	Insights Into the Molecular Mechanism for Type 2 Diabetes Susceptibility at the <i>KCNQ1</i> Locus From Temporal Changes in Imprinting Status in Human Islets. <i>Diabetes</i> , 2013, 62, 987-992.	0.3	112

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73	Maternal high-fat diet alters expression of pathways of growth, blood supply and arachidonic acid in rat placenta. <i>Journal of Nutritional Science</i> , 2013, 2, e41.	0.7	7
74	A Six Months Exercise Intervention Influences the Genome-wide DNA Methylation Pattern in Human Adipose Tissue. <i>PLoS Genetics</i> , 2013, 9, e1003572.	1.5	502
75	Maternal and Neonatal Circulating Markers of Metabolic and Cardiovascular Risk in the Metformin in Gestational Diabetes (MiG) Trial. <i>Diabetes Care</i> , 2013, 36, 529-536.	4.3	39
76	Coordinate Changes in Histone Modifications, mRNA Levels, and Metabolite Profiles in Clonal INS-1 832/13 β^2 -Cells Accompany Functional Adaptations to Lipotoxicity. <i>Journal of Biological Chemistry</i> , 2013, 288, 11973-11987.	1.6	66
77	The Effect of Gestational Age on Angiogenic Gene Expression in the Rat Placenta. <i>PLoS ONE</i> , 2013, 8, e83762.	1.1	14
78	A fifteen-year retrospective review of obstetric patients requiring critical care. <i>Obstetric Medicine</i> , 2012, 5, 166-170.	0.5	4
79	Impact of an Exercise Intervention on DNA Methylation in Skeletal Muscle From First-Degree Relatives of Patients With Type 2 Diabetes. <i>Diabetes</i> , 2012, 61, 3322-3332.	0.3	334
80	First-Degree Relatives of Type 2 Diabetic Patients Have Reduced Expression of Genes Involved in Fatty Acid Metabolism in Skeletal Muscle. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1332-E1337.	1.8	21
81	Probiotics: a potential role in the prevention of gestational diabetes?. <i>Acta Diabetologica</i> , 2012, 49, 1-13.	1.2	33
82	Increased DNA Methylation and Decreased Expression of PDX-1 in Pancreatic Islets from Patients with Type 2 Diabetes. <i>Molecular Endocrinology</i> , 2012, 26, 1203-1212.	3.7	256
83	Regulation of core clock genes in human islets. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 978-985.	1.5	84
84	Maternal diet and aging alter the epigenetic control of a promoter-enhancer interaction at the <i>Hnf4a</i> gene in rat pancreatic islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5449-5454.	3.3	311
85	A Common Variant in TFB1M Is Associated with Reduced Insulin Secretion and Increased Future Risk of Type 2 Diabetes. <i>Cell Metabolism</i> , 2011, 13, 80-91.	7.2	81
86	Nesfatin-1 stimulates glucagon and insulin secretion and beta cell NUCB2 is reduced in human type 2 diabetic subjects. <i>Cell and Tissue Research</i> , 2011, 346, 393-405.	1.5	68
87	Insulin promoter DNA methylation correlates negatively with insulin gene expression and positively with HbA1c levels in human pancreatic islets. <i>Diabetologia</i> , 2011, 54, 360-367.	2.9	219
88	Overweight and obesity knowledge prior to pregnancy: a survey study. <i>BMC Pregnancy and Childbirth</i> , 2011, 11, 96.	0.9	33
89	Epigenetics and Type 2 Diabetes. , 2011, , 135-145.		1
90	Decreased expression of genes involved in oxidative phosphorylation in human pancreatic islets from patients with type 2 diabetes. <i>European Journal of Endocrinology</i> , 2011, 165, 589-595.	1.9	64

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91	Apelin is a novel islet peptide. <i>Regulatory Peptides</i> , 2010, 162, 44-51.	1.9	64
92	A beta cell-specific knockout of hormone-sensitive lipase in mice results in hyperglycaemia and disruption of exocytosis. <i>Diabetologia</i> , 2009, 52, 271-280.	2.9	45
93	CaV1.2 rather than CaV1.3 is coupled to glucose-stimulated insulin secretion in INS-1 832/13 cells. <i>Journal of Molecular Endocrinology</i> , 2008, 41, 1-11.	1.1	39
94	Rat insulin promoter 2-Cre recombinase mice bred onto a pure C57BL/6J background exhibit unaltered glucose tolerance. <i>Journal of Endocrinology</i> , 2007, 194, 551-555.	1.2	28
95	Characterisation of receptors for IGF-I and insulin; evidence for hybrid insulin/IGF-I receptor in human coronary artery endothelial cells. <i>Growth Hormone and IGF Research</i> , 2006, 16, 258-266.	0.5	27
96	Enhanced mitochondrial metabolism may account for the adaptation to insulin resistance in islets from C57BL/6J mice fed a high-fat diet. <i>Diabetologia</i> , 2006, 50, 74-83.	2.9	61
97	IGF-I/insulin hybrid receptors in human endothelial cells. <i>Molecular and Cellular Endocrinology</i> , 2005, 229, 31-37.	1.6	53