Andreas Plagemann

List of Publications by Year
in descending order

83	5,838	109321	74163
papers	citations	35 h-index	75 g-index

88	88	88	5283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Altered SOCS3 DNA methylation within exon 2 is associated with increased mRNA expression in visceral adipose tissue in gestational diabetes. Epigenetics, 2021, 16, 488-494.	2.7	3
2	Sex-specific epigenetic alterations of the hypothalamic Agrp-Pomc system do not explain â€˜diabesityâ€™ in the offspring of high-fat diet (HFD) overfed maternal rats. Journal of Nutritional Biochemistry, 2020, 75, 108257.	4.2	13
3	Maternal but Not Paternal High-Fat Diet (HFD) Exposure at Conception Predisposes for â€˜Diabesityâ€™ in Offspring Generations. International Journal of Environmental Research and Public Health, 2020, 17, 4229.	2.6	6
4	Visceral Adipose Tissue Inflammatory Factors (TNF-Alpha, SOCS3) in Gestational Diabetes (GDM): Epigenetics as a Clue in GDM Pathophysiology. International Journal of Molecular Sciences, 2020, 21, 479.	4.1	20
5	Visceral adipose tissue alteration of PI3KR1 expression is associated with gestational diabetes but not promoter DNA methylation. Adipocyte, 2019, 8, 339-346.	2.8	8
6	Hypothalamic insulin receptor expression and DNA promoter methylation are sex-specifically altered in adult offspring of high-fat diet (HFD)-overfed mother rats. Journal of Nutritional Biochemistry, 2019, 67, 28-35.	4.2	29
7	Reduced Insulin Receptor Expression and Altered DNA Methylation in Fat Tissues and Blood of Women With GDM and Offspring. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 137-149.	3.6	28
8	DNA methylation and expression of proopiomelanocortin (POMC) gene in the hypothalamus of threeâ€weekâ€old chickens show sexâ€specific differences. FEBS Open Bio, 2018, 8, 932-939.	2.3	6
9	Alterations of adiponectin gene expression and DNA methylation in adipose tissues and blood cells are associated with gestational diabetes and neonatal outcome. Clinical Epigenetics, 2018, 10, 131.	4.1	44
10	Maternal overweight is not an independent risk factor for increased birth weight, leptin and insulin in newborns of gestational diabetic women: observations from the prospective â€˜EaCHâ€™ cohort study. BMC Pregnancy and Childbirth, 2018, 18, 250.	2.4	20
11	The dilution effect and the importance of selecting the right internal control genes for RT-qPCR: a paradigmatic approach in fetal sheep. BMC Research Notes, 2015, 8, 58.	1.4	13
12	Temporary prenatal hyperglycemia leads to postnatal neuronal â€˜glucose-resistanceâ€™ in the chicken hypothalamus. Brain Research, 2015, 1618, 231-240.	2.2	9
13	Detection of long-term influence of prenatal temperature stimulation on hypothalamic type-II iodothyronine deiodinase in juvenile female broiler chickens using a novel immunohistochemical amplification protocol. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 179, 120-124.	1.8	10
14	Acquired Alterations of Hypothalamic Gene Expression of Insulin and Leptin Receptors and Glucose Transporters in Prenatally High-Glucose Exposed Three-Week Old Chickens Do Not Coincide with Aberrant Promoter DNA Methylation. PLoS ONE, 2015, 10, e0119213.	2.5	7
15	Increase of Long-Term â€˜Diabesityâ€™ Risk, Hyperphagia, and Altered Hypothalamic Neuropeptide Expression in Neonatally Overnourished â€˜Small-For-Gestational-Ageâ€™ (SGA) Rats. PLoS ONE, 2013, 8, e78799.	2.5	14
16	Rapid neonatal weight gain increases risk of childhood overweight in offspring of diabetic mothers. Journal of Perinatal Medicine, 2012, 40, 557-563.	1.4	9
17	Short-term regulation of the hypothalamic melanocortinergic system under fasting and defined glucose-refeeding conditions in rats: A lasercapture microdissection (LMD)-based study. Neuroscience Letters, 2012, 515, 87-91.	2.1	12
18	Early postnatal life as a critical time window for determination of long-term metabolic health. Best Practice and Research in Clinical Endocrinology and Metabolism, 2012, 26, 641-653.	4.7	84

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19	Birth Weight and Long-Term Overweight Risk: Systematic Review and a Meta-Analysis Including 643,902 Persons from 66 Studies and 26 Countries Globally. PLoS ONE, 2012, 7, e47776.	2.5	288
20	Maternal Diabesity and Developmental Programming in the Offspring. , 2012, , 133-154.		1
21	Intrauterine Growth Restriction and Developmental Programming of the Metabolic Syndrome: A Critical Appraisal. Microcirculation, 2011, 18, 304-311.	1.8	55
22	Fuel-Mediated Teratogenesis and Breastfeeding. Diabetes Care, 2011, 34, 779-781.	8.6	16
23	20 Toward a unifying concept on perinatal programming: Vegetative imprinting by environment-dependent biocybernetogenesis. , 2011, , 243-282.		4
24	14 Experimental observations on perinatal programming in offspring of diabetic mothers. , 2011, , 153-170.		0
25	Epigenetic malprogramming of the insulin receptor promoter due to developmental overfeeding. Journal of Perinatal Medicine, 2010, 38, 393-400.	1.4	132
26	Toward a Unifying Concept on â€˜Perinatal Programmingâ€™. Journal of Perinatal Medicine, 2010, 38, .	1.4	0
27	Birth Weight, Early Weight Gain, and Subsequent Risk of Type 1 Diabetes: Systematic Review and Meta-Analysis. American Journal of Epidemiology, 2009, 169, 1428-1436.	3.4	181
28	Hypothalamic proopiomelanocortin promoter methylation becomes altered by early overfeeding: an epigenetic model of obesity and the metabolic syndrome. Journal of Physiology, 2009, 587, 4963-4976.	2.9	373
29	Hormonal programming in perinatal life: leptin and beyond. British Journal of Nutrition, 2009, 101, 151-152.	2.3	19
30	Birth Weight and Type 2 Diabetes in Adults. JAMA - Journal of the American Medical Association, 2009, 301, 1539.	7.4	5
31	Maternal deprivation and overnutrition in early postnatal life and their primary prevention: Historical reminiscence of an â€œecologic experimentâ€•in Germany. Human Ontogenetics, 2008, 2, 51-59.	0.3	11
32	Intrauterine Growth Restriction in a Rodent Model and Developmental Programming of the Metabolic Syndrome: A Critical Appraisal of the Experimental Evidence. Placenta, 2008, 29, 246-254.	1.5	53
33	Birth Weight and Later Risk of Type 2 Diabetes. Pediatric and Adolescent Medicine, 2008, , 60-72.	0.4	1
34	Birth Weight and Subsequent Risk of Type 2 Diabetes: A Meta-Analysis. American Journal of Epidemiology, 2007, 165, 849-857.	3.4	577
35	Breast-Feeding and Risk for Childhood Obesity: Response to Mayer-Davis et al.. Diabetes Care, 2007, 30, 451-452.	8.6	9
36	Insulin resistance of hypothalamic arcuate neurons in neonatally overfed rats. NeuroReport, 2007, 18, 521-524.	1.2	71

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37	Where is the evidence that low birthweight leads to obesity?. Lancet, The, 2007, 369, 1859.	13.7	24
38	GABAAreceptor antagonists prevent abnormalities in leptin, insulin and amylin actions on paraventricular hypothalamic neurons of overweight rats. European Journal of Neuroscience, 2006, 23, 1248-1254.	2.6	18
39	Impact of breast-feeding on psychomotor and neuropsychological development in children of diabetic mothers: role of the late neonatal period. Journal of Perinatal Medicine, 2006, 34, 490-6.	1.4	7
40	â€˜Programmingâ€™ of orexigenic and anorexigenic hypothalamic neurons in offspring of treated and untreated diabetic mother rats. Brain Research, 2005, 1031, 276-283.	2.2	140
41	Fetale Programmierung und funktioneile Teratologie. , 2005, , 325-344.		8
42	Fuel-Mediated â€˜Functional Teratogenesisâ€™ and Primary Prevention. , 2005, 17, 9-17.		3
43	Impact of Early Neonatal Breast-Feeding on Psychomotor and Neuropsychological Development in Children of Diabetic Mothers. Diabetes Care, 2005, 28, 573-578.	8.6	17
44	Letter Regarding Article by Stettler et al, â€œWeight Gain in the First Week of Life and Overweight in Adulthood: A Cohort Study of European American Subjects Fed Infant Formulaâ€. Circulation, 2005, 112, e110.	1.6	2
45	Breast Feeding and the Risk of Obesity and Related Metabolic Diseases in the Child. Metabolic Syndrome and Related Disorders, 2005, 3, 222-232.	1.3	67
46	Long-Term Impact of Breast-Feeding on Body Weight and Glucose Tolerance in Children of Diabetic Mothers: Role of the late neonatal period and early infancy. Diabetes Care, 2005, 28, 1457-1462.	8.6	75
47	Duration of Breastfeeding and Risk of Overweight: A Meta-Analysis. American Journal of Epidemiology, 2005, 162, 397-403.	3.4	932
48	Perinatal programming and functional teratogenesis: Impact on body weight regulation and obesity. Physiology and Behavior, 2005, 86, 661-668.	2.1	205
49	Cross-Fostering to Diabetic Rat Dams Affects Early Development of Mediobasal Hypothalamic Nuclei Regulating Food Intake, Body Weight, and Metabolism. Journal of Nutrition, 2004, 134, 648-654.	2.9	111
50	â€˜Fetal programmingâ€™ and â€˜functional teratogenesisâ€™: on epigenetic mechanisms and prevention of perinatally acquired lasting health risks. Journal of Perinatal Medicine, 2004, 32, 297-305.	1.4	106
51	Hypothalamic neurons of postnatally overfed, overweight rats respond differentially to corticotropin-releasing hormones. Neuroscience Letters, 2004, 371, 64-68.	2.1	36
52	Altered responses to orexigenic (AGRP, MCH) and anorexigenic (Î±â€MSH, CART) neuropeptides of paraventricular hypothalamic neurons in early postnatally overfed rats. European Journal of Neuroscience, 2003, 18, 613-621.	2.6	122
53	Prevention by maternal pancreatic islet transplantation of hypothalamic malformation in offspring of diabetic mother rats is already detectable at weaning. Neuroscience Letters, 2003, 352, 163-163.	2.1	0
54	Prevention by maternal pancreatic islet transplantation of hypothalamic malformation in offspring of diabetic mother rats is already detectable at weaning. Neuroscience Letters, 2003, 352, 163-166.	2.1	12

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55	Altered action of dopamine and cholecystokinin on lateral hypothalamic neurons in rats raised under different feeding conditions. Behavioural Brain Research, 2003, 147, 89-94.	2.2	17
56	Determinants of Fetal Growth at Different Periods of Pregnancies Complicated by Gestational Diabetes Mellitus or Impaired Glucose Tolerance. Diabetes Care, 2003, 26, 193-198.	8.6	93
57	Infant Weight Gain and Later Blood Pressure. Circulation, 2002, 106, e58; author reply e58.	1.6	4
58	Long-Term Impact of Neonatal Breast-Feeding on Body Weight and Glucose Tolerance in Children of Diabetic Mothers. Diabetes Care, 2002, 25, 16-22.	8.6	188
59	Differential response to NPY of PVH and dopamine-responsive VMH neurons in overweight rats. NeuroReport, 2002, 13, 1523-1527.	1.2	23
60	Differential Involvement of Dopamine D1And D2Receptors and Inhibition by Dopamine of Hypothalamic VMN Neurons in Early Postnatally Overfed Juvenile Rats. Nutritional Neuroscience, 2002, 5, 27-36.	3.1	19
61	Hypothalamic ventromedial and arcuate neurons of normal and postnatally overnourished rats differ in their responses to melanin-concentrating hormone. Regulatory Peptides, 2002, 108, 103-111.	1.9	30
62	Increased inhibition by agouti-related peptide of ventromedial hypothalamic neurons in rats overweight due to early postnatal overfeeding. Neuroscience Letters, 2002, 330, 33-36.	2.1	34
63	DDT in human milk and mental capacities in children at school age: an additional view on PISA 2000. Neuroendocrinology Letters, 2002, 23, 427-31.	0.2	15
64	Pancreatic islet transplantation in diabetic pregnant rats prevents acquired malformation of the ventromedial hypothalamic nucleus in their offspring. Neuroscience Letters, 2001, 299, 85-88.	2.1	40
65	Inhibition by insulin of hypothalamic VMN neurons in rats overweight due to postnatal overfeeding. NeuroReport, 2001, 12, 3201-3204.	1.2	48
66	Action of CCK and 5-HT on Lateral Hypothalamic Neurons Depends on Early Postnatal Nutrition. Nutritional Neuroscience, 2001, 4, 143-152.	3.1	7
67	Early nutrition and later blood pressure: Effect of maternal diabetes. Journal of Pediatrics, 2001, 139, 0905-0906.	1.8	5
68	Hypothalamic Nuclei Are Malformed in Weanling Offspring of Low Protein Malnourished Rat Dams. Journal of Nutrition, 2000, 130, 2582-2589.	2.9	156
69	Decreased inhibition by leptin of hypothalamic arcuate neurons in neonatally overfed young rats. NeuroReport, 2000, 11, 2795-2798.	1.2	110
70	Interaction of genetic and environmental programming of the leptin system and of obesity disposition. Physiological Genomics, 2000, 3, 113-120.	2.3	47
71	Hypothalamic galanin levels in weanling rats exposed to maternal low-protein diet. Nutrition Research, 2000, 20, 977-983.	2.9	5
72	Different responses of ventromedial hypothalamic neurons to leptin in normal and early postnatally overfed rats. Neuroscience Letters, 2000, 293, 21-24.	2.1	46

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73	Malformations of Hypothalamic Nuclei in Hyperinsulinemic Offspring of Rats with Gestational Diabetes. Developmental Neuroscience, 1999, 21, 58-67.	2.0	119
74	Increased number of galanin-neurons in the paraventricular hypothalamic nucleus of neonatally overfed weanling rats. Brain Research, 1999, 818, 160-163.	2.2	71
75	Perinatal elevation of hypothalamic insulin, acquired malformation of hypothalamic galaninergic neurons, and syndrome X-like alterations in adulthood of neonatally overfed rats. Brain Research, 1999, 836, 146-155.	2.2	308
76	Cholecystokinin-8S levels in discrete hypothalamic nuclei of weanling rats exposed to maternal protein malnutrition. Regulatory Peptides, 1999, 85, 109-113.	1.9	13
77	Increased response to NPY of hypothalamic VMN neurons in postnatally overfed juvenile rats. NeuroReport, 1999, 10, 1827-1831.	1.2	48
78	Elevation of hypothalamic neuropeptide Y-neurons in adult offspring of diabetic mother rats. NeuroReport, 1999, 10, 3211-3216.	1.2	116
79	Reduction of cholecystokinin-8S-neurons in the paraventricular hypothalamic nucleus of neonatally overfed weanling rats. Neuroscience Letters, 1998, 258, 13-16.	2.1	36
80	Syndrome X-like alterations in adult female rats due to neonatal insulin treatment. Metabolism: Clinical and Experimental, 1998, 47, 855-862.	3.4	65
81	Hypothalamic insulin and neuropeptide Y in the offspring of gestational diabetic mother rats. NeuroReport, 1998, 9, 4069-4073.	1.2	76
82	Obesity induced by unspecific early postnatal overfeeding in male and female rats: hypophagic effect of CCK-8S. Naunyn-Schmiedeberg's Archives of Pharmacology, 1996, 354, 374-8.	3.0	33
83	Short- and Long-Term Effects of Perinatal Interleukin-1Î²-Application in Rats. Neuroendocrinology, 1993, 58, 344-351.	2.5	35