Margarethe Hoenig

List of Publications by Year in Descending Order

50 papers	1,150 citations	21 h-index	32 g-index
50 ext. papers	1,264 ext. citations	2.8 avg, IF	4.4 L-index

#	Paper	IF	Citations
50	Evidence does not support the controversy regarding carbohydrates in feline diets.. *Journal of the American Veterinary Medical Association*, **2022**, 1-8	1	0
49	Feline comorbidities: Pathophysiology and management of the obese diabetic cat. *Journal of Feline Medicine and Surgery*, **2021**, 23, 639-648	2.3	2
48	Effects of the sodium-glucose cotransporter 2 (SGLT2) inhibitor velagliflozin, a new drug with therapeutic potential to treat diabetes in cats. *Journal of Veterinary Pharmacology and Therapeutics* , **2018**, 41, 266-273	1.4	8
47	Metabolic Effects of Obesity and Its Interaction with Endocrine Diseases. *Veterinary Clinics of North America - Small Animal Practice*, **2016**, 46, 797-815	2.4	20
46	ISFM consensus guidelines on the practical management of diabetes mellitus in cats. *Journal of Feline Medicine and Surgery*, **2015**, 17, 235-50	2.3	58
45	Effects of pioglitazone on insulin sensitivity and serum lipids in obese cats. *Journal of Veterinary Internal Medicine*, **2014**, 28, 166-74	3.1	9
44	Carbohydrate metabolism and pathogenesis of diabetes mellitus in dogs and cats. *Progress in Molecular Biology and Translational Science*, **2014**, 121, 377-412	4	15
43	Comparative Aspects of Human, Canine, and Feline Obesity and Factors Predicting Progression to Diabetes. *Veterinary Sciences*, **2014**, 1, 121-135	2.4	9
42	Molecular and histological evidence of brown adipose tissue in adult cats. *Veterinary Journal*, **2013**, 195, 66-72	2.5	
41	Investigation of 1H MRS for quantification of hepatic triglyceride in lean and obese cats. *Research in Veterinary Science*, **2013**, 95, 678-80	2.5	8
40	Evaluation of routine hematology profile results and fructosamine, thyroxine, insulin, and proinsulin concentrations in lean, overweight, obese, and diabetic cats. *Journal of the American Veterinary Medical Association*, **2013**, 243, 1302-9	1	11
39	Cats differ from other species in their cytokine and antioxidant enzyme response when developing obesity. *Obesity*, **2013**, 21, E407-14	8	8
38	Pharmacokinetics of pioglitazone in lean and obese cats. *Journal of Veterinary Pharmacology and Therapeutics*, **2012**, 35, 428-36	1.4	3
37	Evaluation of long-term glucose homeostasis in lean and obese cats by use of continuous glucose monitoring. *American Journal of Veterinary Research*, **2012**, 73, 1100-6	1.1	18
36	The cat as a model for human obesity and diabetes. *Journal of Diabetes Science and Technology*, **2012**, 6, 525-33	4.1	29
35	Effect of macronutrients, age, and obesity on 6- and 24-h postprandial glucose metabolism in cats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 301, R1798-807	3.2	26
34	Oral glucose leads to a differential response in glucose, insulin, and GLP-1 in lean versus obese cats. *Domestic Animal Endocrinology*, **2010**, 38, 95-102	2.3	28

33	The impact of obesity, sex, and diet on hepatic glucose production in cats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 296, R936-43	3.2	33
32	Triiodothyronine differentially regulates key metabolic factors in lean and obese cats. *Domestic Animal Endocrinology*, **2008**, 34, 229-37	2.3	15
31	Development of a feline proinsulin immunoradiometric assay and a feline proinsulin enzyme-linked immunosorbent assay (ELISA): a novel application to examine beta cell function in cats. *Domestic Animal Endocrinology*, **2008**, 34, 311-8	2.3	10
30	Dyslipidemia in obese cats. *Domestic Animal Endocrinology*, **2008**, 35, 290-9	2.3	39
29	Obesity increases free thyroxine proportionally to nonesterified fatty acid concentrations in adult neutered female cats. *Journal of Endocrinology*, **2007**, 194, 267-73	4.7	30
28	Insulin sensitivity, fat distribution, and adipocytokine response to different diets in lean and obese cats before and after weight loss. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 292, R227-34	3.2	116
27	Fatty acid turnover, substrate oxidation, and heat production in lean and obese cats during the euglycemic hyperinsulinemic clamp. *Domestic Animal Endocrinology*, **2007**, 32, 329-38	2.3	21
26	Cloning, expression and purification of feline proinsulin. *Domestic Animal Endocrinology*, **2006**, 30, 28-37	2.3	3
25	Activity and tissue-specific expression of lipases and tumor-necrosis factor alpha in lean and obese cats. *Domestic Animal Endocrinology*, **2006**, 30, 333-44	2.3	37
24	Assessment and mathematical modeling of glucose turnover and insulin sensitivity in lean and obese cats. *Domestic Animal Endocrinology*, **2006**, 31, 373-89	2.3	38
23	The cat as a model for human nutrition and disease. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2006**, 9, 584-8	3.8	32
22	GLUT4 but not GLUT1 expression decreases early in the development of feline obesity. *Domestic Animal Endocrinology*, **2004**, 26, 291-301	2.3	35
21	Assessment of the influence of fatty acids on indices of insulin sensitivity and myocellular lipid content by use of magnetic resonance spectroscopy in cats. *American Journal of Veterinary Research*, **2004**, 65, 1090-9	1.1	35
20	Effect of darglitazone on glucose clearance and lipid metabolism in obese cats. *American Journal of Veterinary Research*, **2003**, 64, 1409-13	1.1	19
19	Effects of obesity on lipid profiles in neutered male and female cats. *American Journal of Veterinary Research*, **2003**, 64, 299-303	1.1	39
18	Effects of neutering on hormonal concentrations and energy requirements in male and female cats. *American Journal of Veterinary Research*, **2002**, 63, 634-9	1.1	61
17	Feline hyperadrenocorticism--where are we now?. *Journal of Feline Medicine and Surgery*, **2002**, 4, 171-4	2.3	11
16	Comparative aspects of diabetes mellitus in dogs and cats. *Molecular and Cellular Endocrinology*, **2002**, 197, 221-9	4.4	84

15	Influence of Glucose Dosage on Interpretation of Intravenous Glucose Tolerance Tests in Lean and Obese Cats. *Journal of Veterinary Internal Medicine*, **2002**, 16, 529-532	3.1	39
14	Influence of glucose dosage on interpretation of intravenous glucose tolerance tests in lean and obese cats. *Journal of Veterinary Internal Medicine*, **2002**, 16, 529-32	3.1	12
13	Glucose tolerance and lipid profiles in dogs fed different fiber diets. *Veterinary Therapeutics: Research in Applied Veterinary Medicine*, **2001**, 2, 160-9		2
12	A feline model of experimentally induced islet amyloidosis. *American Journal of Pathology*, **2000**, 157, 2143-50	5.8	59
11	Beta cell and insulin antibodies in treated and untreated diabetic cats. *Veterinary Immunology and Immunopathology*, **2000**, 77, 93-102	2	21
10	Diagnostic utility of glycosylated hemoglobin concentrations in the cat. *Domestic Animal Endocrinology*, **1999**, 16, 11-7	2.3	10
9	Regulation of distinct pools of protein kinase C in beta cells. *Journal of Cellular Biochemistry*, **1996**, 60, 130-138	4.7	18
8	Arachidonic acid-induced down-regulation of protein kinase C in beta-cells **1996**, 62, 543-552		6
7	Effect of protein kinase C on the plasma membrane calcium pump in purified beta cells. *Biochemical Medicine and Metabolic Biology*, **1994**, 53, 75-9		
6	Glucose tolerance and insulin secretion in spontaneously hyperthyroid cats. *Research in Veterinary Science*, **1992**, 53, 338-41	2.5	16
5	Na+/Ca2+ exchange in plasma membrane vesicles from a glucose-responsive insulinoma. *Cell Calcium*, **1992**, 13, 1-8	4	4
4	Characterization of Na(+)-Ca2+ exchange in the beta cell. *Annals of the New York Academy of Sciences*, **1991**, 639, 657-9	6.5	
3	Megaesophagus in two cats. *Journal of the American Veterinary Medical Association*, **1990**, 196, 763-5	1	8
2	Characterization of calcium channels of a glucose-responsive rat insulinoma. *American Journal of Physiology - Endocrinology and Metabolism*, **1989**, 256, E488-93	6	
1	Impairment of glucose tolerance in hyperthyroid cats. *Journal of Endocrinology*, **1989**, 121, 249-51	4.7	45