

# Margarethe Hoenig

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7011804/margarethe-hoenig-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Insulin sensitivity, fat distribution, and adipocytokine response to different diets in lean and obese cats before and after weight loss. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 292, R227-34 | 3.2 | 116       |
| 49 | Comparative aspects of diabetes mellitus in dogs and cats. <i>Molecular and Cellular Endocrinology</i> , <b>2002</b> , 197, 221-9  | 4.4 | 84        |
| 48 | Effects of neutering on hormonal concentrations and energy requirements in male and female cats. <i>American Journal of Veterinary Research</i> , <b>2002</b> , 63, 634-9  | 1.1 | 61        |
| 47 | A feline model of experimentally induced islet amyloidosis. <i>American Journal of Pathology</i> , <b>2000</b> , 157, 2143-50  | 5.8 | 59        |
| 46 | ISFM consensus guidelines on the practical management of diabetes mellitus in cats. <i>Journal of Feline Medicine and Surgery</i> , <b>2015</b> , 17, 235-50   | 2.3 | 58        |
| 45 | Impairment of glucose tolerance in hyperthyroid cats. <i>Journal of Endocrinology</i> , <b>1989</b> , 121, 249-51  | 4.7 | 45        |
| 44 | Dyslipidemia in obese cats. <i>Domestic Animal Endocrinology</i> , <b>2008</b> , 35, 290-9   | 2.3 | 39        |
| 43 | Effects of obesity on lipid profiles in neutered male and female cats. <i>American Journal of Veterinary Research</i> , <b>2003</b> , 64, 299-303  | 1.1 | 39        |
| 42 | Influence of Glucose Dosage on Interpretation of Intravenous Glucose Tolerance Tests in Lean and Obese Cats. <i>Journal of Veterinary Internal Medicine</i> , <b>2002</b> , 16, 529-532  | 3.1 | 39        |
| 41 | Assessment and mathematical modeling of glucose turnover and insulin sensitivity in lean and obese cats. <i>Domestic Animal Endocrinology</i> , <b>2006</b> , 31, 373-89   | 2.3 | 38        |
| 40 | Activity and tissue-specific expression of lipases and tumor-necrosis factor alpha in lean and obese cats. <i>Domestic Animal Endocrinology</i> , <b>2006</b> , 30, 333-44   | 2.3 | 37        |
| 39 | GLUT4 but not GLUT1 expression decreases early in the development of feline obesity. <i>Domestic Animal Endocrinology</i> , <b>2004</b> , 26, 291-301  | 2.3 | 35        |
| 38 | Assessment of the influence of fatty acids on indices of insulin sensitivity and myocellular lipid content by use of magnetic resonance spectroscopy in cats. <i>American Journal of Veterinary Research</i> , <b>2004</b> , 65, 1090-9                          | 1.1 | 35        |
| 37 | The impact of obesity, sex, and diet on hepatic glucose production in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 296, R936-43   | 3.2 | 33        |
| 36 | The cat as a model for human nutrition and disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2006</b> , 9, 584-8   | 3.8 | 32        |
| 35 | Obesity increases free thyroxine proportionally to nonesterified fatty acid concentrations in adult neutered female cats. <i>Journal of Endocrinology</i> , <b>2007</b> , 194, 267-73  | 4.7 | 30        |
| 34 | The cat as a model for human obesity and diabetes. <i>Journal of Diabetes Science and Technology</i> , <b>2012</b> , 6, 525-33   | 4.1 | 29        |

|    |   |     |    |
|----|---|-----|----|
| 33 | Oral glucose leads to a differential response in glucose, insulin, and GLP-1 in lean versus obese cats. <i>Domestic Animal Endocrinology</i> , <b>2010</b> , 38, 95-102   | 2.3 | 28 |
| 32 | Effect of macronutrients, age, and obesity on 6- and 24-h postprandial glucose metabolism in cats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2011</b> , 301, R1798-807 <sup>2</sup>                      | 3.2 | 26 |
| 31 | Fatty acid turnover, substrate oxidation, and heat production in lean and obese cats during the euglycemic hyperinsulinemic clamp. <i>Domestic Animal Endocrinology</i> , <b>2007</b> , 32, 329-38  | 2.3 | 21 |
| 30 | Beta cell and insulin antibodies in treated and untreated diabetic cats. <i>Veterinary Immunology and Immunopathology</i> , <b>2000</b> , 77, 93-102  | 2   | 21 |
| 29 | Metabolic Effects of Obesity and Its Interaction with Endocrine Diseases. <i>Veterinary Clinics of North America - Small Animal Practice</i> , <b>2016</b> , 46, 797-815  | 2.4 | 20 |
| 28 | Effect of darglitazone on glucose clearance and lipid metabolism in obese cats. <i>American Journal of Veterinary Research</i> , <b>2003</b> , 64, 1409-13  | 1.1 | 19 |
| 27 | Evaluation of long-term glucose homeostasis in lean and obese cats by use of continuous glucose monitoring. <i>American Journal of Veterinary Research</i> , <b>2012</b> , 73, 1100-6   | 1.1 | 18 |
| 26 | Regulation of distinct pools of protein kinase C $\beta$ in beta cells. <i>Journal of Cellular Biochemistry</i> , <b>1996</b> , 60, 130-138   | 4.7 | 18 |
| 25 | Glucose tolerance and insulin secretion in spontaneously hyperthyroid cats. <i>Research in Veterinary Science</i> , <b>1992</b> , 53, 338-41  | 2.5 | 16 |
| 24 | Carbohydrate metabolism and pathogenesis of diabetes mellitus in dogs and cats. <i>Progress in Molecular Biology and Translational Science</i> , <b>2014</b> , 121, 377-412   | 4   | 15 |
| 23 | Triiodothyronine differentially regulates key metabolic factors in lean and obese cats. <i>Domestic Animal Endocrinology</i> , <b>2008</b> , 34, 229-37   | 2.3 | 15 |
| 22 | Influence of glucose dosage on interpretation of intravenous glucose tolerance tests in lean and obese cats. <i>Journal of Veterinary Internal Medicine</i> , <b>2002</b> , 16, 529-32  | 3.1 | 12 |
| 21 | Evaluation of routine hematology profile results and fructosamine, thyroxine, insulin, and proinsulin concentrations in lean, overweight, obese, and diabetic cats. <i>Journal of the American Veterinary Medical Association</i> , <b>2013</b> , 243, 1302-9 | 1   | 11 |
| 20 | Feline hyperadrenocorticism--where are we now?. <i>Journal of Feline Medicine and Surgery</i> , <b>2002</b> , 4, 171-4  | 2.3 | 11 |
| 19 | 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. <i>Domestic Animal Endocrinology</i> , <b>2008</b> , 34, 311-8       | 2.3 | 10 |
| 18 | Diagnostic utility of glycosylated hemoglobin concentrations in the cat. <i>Domestic Animal Endocrinology</i> , <b>1999</b> , 16, 11-7  | 2.3 | 10 |
| 17 | Effects of pioglitazone on insulin sensitivity and serum lipids in obese cats. <i>Journal of Veterinary Internal Medicine</i> , <b>2014</b> , 28, 166-74  | 3.1 | 9  |
| 16 | Comparative Aspects of Human, Canine, and Feline Obesity and Factors Predicting Progression to Diabetes. <i>Veterinary Sciences</i> , <b>2014</b> , 1, 121-135  | 2.4 | 9  |

|    |  |     |   |
|----|--|-----|---|
| 15 | Investigation of <sup>1</sup> H MRS for quantification of hepatic triglyceride in lean and obese cats. <i>Research in Veterinary Science</i> , <b>2013</b> , 95, 678-80  | 2.5 | 8 |
| 14 | Cats differ from other species in their cytokine and antioxidant enzyme response when developing obesity. <i>Obesity</i> , <b>2013</b> , 21, E407-14   | 8   | 8 |
| 13 | Megaesophagus in two cats. <i>Journal of the American Veterinary Medical Association</i> , <b>1990</b> , 196, 763-5  | 1   | 8 |
| 12 | Effects of the sodium-glucose cotransporter 2 (SGLT2) inhibitor velagliflozin, a new drug with therapeutic potential to treat diabetes in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2018</b> , 41, 266-273 | 1.4 | 8 |
| 11 | Arachidonic acid-induced down-regulation of protein kinase C $\beta$ in beta-cells <b>1996</b> , 62, 543-552   |     | 6 |
| 10 | Na <sup>+</sup> /Ca <sup>2+</sup> exchange in plasma membrane vesicles from a glucose-responsive insulinoma. <i>Cell Calcium</i> , <b>1992</b> , 13, 1-8   | 4   | 4 |
| 9  | Pharmacokinetics of pioglitazone in lean and obese cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2012</b> , 35, 428-36   | 1.4 | 3 |
| 8  | Cloning, expression and purification of feline proinsulin. <i>Domestic Animal Endocrinology</i> , <b>2006</b> , 30, 28-37  | 2.3 | 3 |
| 7  | Feline comorbidities: Pathophysiology and management of the obese diabetic cat. <i>Journal of Feline Medicine and Surgery</i> , <b>2021</b> , 23, 639-648  | 2.3 | 2 |
| 6  | Glucose tolerance and lipid profiles in dogs fed different fiber diets. <i>Veterinary Therapeutics: Research in Applied Veterinary Medicine</i> , <b>2001</b> , 2, 160-9   |     | 2 |
| 5  | Evidence does not support the controversy regarding carbohydrates in feline diets.. <i>Journal of the American Veterinary Medical Association</i> , <b>2022</b> , 1-8  | 1   | 0 |
| 4  | Molecular and histological evidence of brown adipose tissue in adult cats. <i>Veterinary Journal</i> , <b>2013</b> , 195, 66-72  | 2.5 |   |
| 3  | Effect of protein kinase C on the plasma membrane calcium pump in purified beta cells. <i>Biochemical Medicine and Metabolic Biology</i> , <b>1994</b> , 53, 75-9  |     |   |
| 2  | Characterization of calcium channels of a glucose-responsive rat insulinoma. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>1989</b> , 256, E488-93   | 6   |   |
| 1  | Characterization of Na <sup>(+)</sup> -Ca <sup>2+</sup> exchange in the beta cell. <i>Annals of the New York Academy of Sciences</i> , <b>1991</b> , 639, 657-9  | 6.5 |   |