

# Karen L Houseknecht

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5730444/publications.pdf>

Version: 2024-02-01

38  
papers

2,772  
citations

279701

23  
h-index

315616

38  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2975  
citing authors

#	ARTICLE	IF	CITATIONS
1	The biology of leptin: a review.. Journal of Animal Science, 1998, 76, 1405.	0.2	594
2	Dietary Conjugated Linoleic Acid Normalizes Impaired Glucose Tolerance in the Zucker Diabetic Fattyfa/faRat. Biochemical and Biophysical Research Communications, 1998, 244, 678-682.	1.0	567
3	Acute Effects of Atypical Antipsychotics on Whole-Body Insulin Resistance in Rats: Implications for Adverse Metabolic Effects. Neuropsychopharmacology, 2007, 32, 289-297.	2.8	223
4	Peroxisome proliferator-activated receptor gamma (PPAR $\gamma$ ) and its ligands: A review. Domestic Animal Endocrinology, 2002, 22, 1-23.	0.8	193
5	Leptin Is Present in Human Milk and Is Related to Maternal Plasma Leptin Concentration and Adiposity. Biochemical and Biophysical Research Communications, 1997, 240, 742-747.	1.0	182
6	Mephedrone (4-methylmethcathinone) supports intravenous self-administration in Sprague-Dawley and Wistar rats. Addiction Biology, 2013, 18, 786-799.	1.4	95
7	Effect of Ambient Temperature on the Thermoregulatory and Locomotor Stimulant Effects of 4-Methylmethcathinone in Wistar and Sprague-Dawley Rats. PLoS ONE, 2012, 7, e44652.	1.1	92
8	Contrasting effects of d-methamphetamine, 3,4-methylenedioxymethamphetamine, 3,4-methylenedioxypropylamphetamine, and 4-methylmethcathinone on wheel activity in rats. Drug and Alcohol Dependence, 2012, 126, 168-175.	1.6	71
9	GLUT4 Overexpression or Deficiency in Adipocytes of Transgenic Mice Alters the Composition of GLUT4 Vesicles and the Subcellular Localization of GLUT4 and Insulin-responsive Aminopeptidase. Journal of Biological Chemistry, 2004, 279, 21598-21605.	1.6	52
10	Reduced glucose uptake precedes insulin signaling defects in adipocytes from heterozygous GLUT4 knockout mice. FASEB Journal, 2000, 14, 1117-1125.	0.2	50
11	Effect of Somatotropin Treatment on Lipogenesis, Lipolysis, and Related Cellular Mechanisms in Adipose Tissue of Lactating Cows. Journal of Dairy Science, 1995, 78, 1703-1712.	1.4	45
12	Identification of Clinically Viable Quinolinol Inhibitors of Botulinum Neurotoxin A Light Chain. Journal of Medicinal Chemistry, 2014, 57, 669-676.	2.9	42
13	Abomasal Infusion of Casein Enhances Nitrogen Retention in Somatotropin-Treated Steers. Journal of Nutrition, 1992, 122, 1717-1725.	1.3	39
14	A novel role for dopamine signaling in the pathogenesis of bone loss from the atypical antipsychotic drug risperidone in female mice. Bone, 2017, 103, 168-176.	1.4	38
15	Trabecular bone loss after administration of the second-generation antipsychotic risperidone is independent of weight gain. Bone, 2012, 50, 490-498.	1.4	37
16	Propranolol Attenuates Risperidone-Induced Trabecular Bone Loss in Female Mice. Endocrinology, 2015, 156, 2374-2383.	1.4	35
17	Overexpression of Ha-ras Selectively in Adipose Tissue of Transgenic Mice. Journal of Biological Chemistry, 1996, 271, 11347-11355.	1.6	34
18	Leptin regulation of lipid homeostasis: dietary and metabolic implications. Nutrition Research Reviews, 2003, 16, 83.	2.1	34

#	ARTICLE	IF	CITATIONS
19	The antipsychotic medication, risperidone, causes global immunosuppression in healthy mice. PLoS ONE, 2019, 14, e0218937.	1.1	31
20	Chronic leptin administration increases serum NEFA in the pig and differentially regulates PPAR expression in adipose tissue11Purdue University Agriculture Research Program #16748.. Journal of Nutritional Biochemistry, 2003, 14, 576-583.	1.9	26
21	Peroxisome Proliferator-Activated Receptor $\beta$ 1 Expression in Porcine White Blood Cells: Dynamic Regulation with Acute Endotoxemia. Biochemical and Biophysical Research Communications, 1999, 263, 749-753.	1.0	25
22	1,5-Substituted nipecotic amides: Selective PDE8 inhibitors displaying diastereomer-dependent microsomal stability. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3095-3098.	1.0	25
23	Discovery of triazolopyrimidine-based PDE8B inhibitors: Exceptionally ligand-efficient and lipophilic ligand-efficient compounds for the treatment of diabetes. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5721-5726.	1.0	25
24	Antipsychotic-induced immune dysfunction: A consideration for COVID-19 risk. Brain, Behavior, & Immunity - Health, 2020, 6, 100097.	1.3	24
25	Defective Glycogenesis Contributes Toward the Inability to Suppress Hepatic Glucose Production in Response to Hyperglycemia and Hyperinsulinemia in Zucker Diabetic Fatty Rats. Diabetes, 2011, 60, 2225-2233.	0.3	23
26	Leptin Expression Is Reduced with Acute Endotoxemia in the Pig: Correlation with Glucose, Insulin, and Insulin-like Growth Factor-1 (IGF-1). Journal of Interferon and Cytokine Research, 2000, 20, 99-106.	0.5	22
27	Regulation of PPAR $\beta$ but not obese gene expression by dietary fat supplementation. Journal of Nutritional Biochemistry, 2000, 11, 260-266.	1.9	21
28	Exploring mechanisms of increased cardiovascular disease risk with antipsychotic medications: Risperidone alters the cardiac proteomic signature in mice. Pharmacological Research, 2020, 152, 104589.	3.1	21
29	Enhancing the Pharmacokinetic Properties of Botulinum Neurotoxin Serotype A Protease Inhibitors through Rational Design. ACS Chemical Neuroscience, 2011, 2, 288-293.	1.7	20
30	Understanding Mechanisms Underlying Non-Alcoholic Fatty Liver Disease (NAFLD) in Mental Illness: Risperidone and Olanzapine Alter the Hepatic Proteomic Signature in Mice. International Journal of Molecular Sciences, 2020, 21, 9362.	1.8	16
31	Glucose transporters and diabetes. Seminars in Cell and Developmental Biology, 1996, 7, 295-307.	2.3	15
32	Polymicrobial abscess following ovariectomy in a mouse. BMC Veterinary Research, 2019, 15, 364.	0.7	15
33	Potent, Efficacious, and Stable Cyclic Opioid Peptides with Long Lasting Antinociceptive Effect after Peripheral Administration. Journal of Medicinal Chemistry, 2020, 63, 2673-2687.	2.9	15
34	Housing Temperature Influences Atypical Antipsychotic Drug-Induced Bone Loss in Female C57BL/6J Mice. JBMR Plus, 2021, 5, e10541.	1.3	7
35	Elucidating the Mechanism(s) Underlying Antipsychotic- and Antidepressant-Mediated Fractures. Journal of Mental Health and Clinical Psychology, 2017, 1, 9-13.	0.1	6
36	Propranolol Promotes Bone Formation and Limits Resorption Through Novel Mechanisms During Anabolic Parathyroid Hormone Treatment in Female C57BL/6J Mice. Journal of Bone and Mineral Research, 2020, 37, 954-971.	3.1	5

#	ARTICLE	IF	CITATIONS
37	Mechanisms Underlying Antipsychotic-Induced NAFLD and Iron Dysregulation: A Multi-Omic Approach. <i>Biomedicines</i> , 2022, 10, 1225.	1.4	4
38	Deletion of $\hat{\pm}$ -Synuclein in Prrx1-positive cells causes partial loss of function in the central nervous system (CNS) but does not affect ovariectomy induced bone loss. <i>Bone</i> , 2020, 137, 115428.	1.4	3