Deanne H Hryciw

List of Publications by Year
in descending order

80	2,202	230014	286692
papers	citations	27 h-index	43 g-index

83	83	83	3577
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Maternal diet high in linoleic acid alters offspring fatty acids and cardiovascular function in a rat model. British Journal of Nutrition, 2022, 127, 540-553.	1.2	3
2	Chronic consumption of a high linoleic acid diet during pregnancy, lactation and post-weaning period increases depression-like behavior in male, but not female offspring. Behavioural Brain Research, 2022, 416, 113538.	1.2	5
3	Maternal and Postnatal High Linoleic Acid Diet Impacts Lipid Metabolism in Adult Rat Offspring in a Sex-Specific Manner. International Journal of Molecular Sciences, 2021, 22, 2946.	1.8	10
4	Sex-Specific Differences in Lysine, 3-Hydroxybutyric Acid and Acetic Acid in Offspring Exposed to Maternal and Postnatal High Linoleic Acid Diet, Independent of Diet. International Journal of Molecular Sciences, 2021, 22, 10223.	1.8	3
5	Role for animal models in understanding essential fatty acid deficiency in cystic fibrosis. Cellular and Molecular Life Sciences, 2021, 78, 7991-7999.	2.4	1
6	Pregnancy and diet-related changes in the maternal gut microbiota following exposure to an elevated linoleic acid diet. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E276-E285.	1.8	10
7	The effect of high maternal linoleic acid on endocannabinoid signalling in rodent hearts. Journal of Developmental Origins of Health and Disease, 2020, 11, 617-622.	0.7	6
8	Role of omegaâ€6 and omegaâ€3 fatty acids in fetal programming. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 907-915.	0.9	49
9	Maternal High Linoleic Acid Alters Placental Fatty Acid Composition. Nutrients, 2020, 12, 2183.	1.7	18
10	Role for endocannabinoids in early pregnancy: recent advances and the effects of cannabis use. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E557-E561.	1.8	9
11	Developmental programming of peripheral diseases in offspring exposed to maternal obesity during pregnancy. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R507-R516.	0.9	27
12	The Role of Atypical Cannabinoid Ligands O-1602 and O-1918 on Skeletal Muscle Homeostasis with a Focus on Obesity. International Journal of Molecular Sciences, 2020, 21, 5922.	1.8	12
13	Role of a Maternal Diet High in Linoleic Acid on the Plasma Fatty Acid Composition in Rat Offspring. FASEB Journal, 2020, 34, 1-1.	0.2	2
14	Editorial: Peripheral Regulators of Obesity. Frontiers in Endocrinology, 2019, 10, 357.	1.5	0
15	Elevated maternal linoleic acid reduces circulating leptin concentrations, cholesterol levels and male fetal survival in a rat model. Journal of Physiology, 2019, 597, 3349-3361.	1.3	19
16	The role of entertainment in engagement with climate change. Environmental Education Research, 2019, 25, 691-700.	1.6	14
17	Atypical cannabinoid ligands O-1602 and O-1918 administered chronically in diet-induced obesity. Endocrine Connections, 2019, 8, 203-216.	0.8	14
18	Linoleic Acid Increases Prostaglandin E2 Release and Reduces Mitochondrial Respiration and Cell Viability in Human Trophoblast-Like Cells. Cellular Physiology and Biochemistry, 2019, 52, 94-108.	1.1	19

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19	SUMOâ€wrestling the preâ€eclamptic placenta. Journal of Physiology, 2018, 596, 1537-1537.	1.3	1
20	Peripheral modulation of the endocannabinoid system in metabolic disease. Drug Discovery Today, 2018, 23, 592-604.	3.2	31
21	Uteroplacental insufficiency in rats induces renal apoptosis and delays nephrogenesis completion. Acta Physiologica, 2018, 222, e12982.	1.8	8
22	Uteroplacental insufficiency reduces rat plasma leptin concentrations and alters placental leptin transporters: ameliorated with enhanced milk intake and nutrition. Journal of Physiology, 2017, 595, 3389-3407.	1.3	22
23	Puberty onset is delayed following uteroplacental insufficiency and occurs earlier with improved lactation and growth for pups born small. Reproduction, Fertility and Development, 2017, 29, 307.	0.1	9
24	A High-Fat Diet Rich In Polyunsaturated Fatty Acids Downregulates Glut4, But Not Skeletal Muscle Glycogen.. Medicine and Science in Sports and Exercise, 2017, 49, 439.	0.2	0
25	G protein coupled receptor 18: A potential role for endocannabinoid signaling in metabolic dysfunction. Molecular Nutrition and Food Research, 2016, 60, 92-102.	1.5	32
26	A review of fundamental principles for animal models of DOHaD research: an Australian perspective. Journal of Developmental Origins of Health and Disease, 2016, 7, 449-472.	0.7	93
27	Uptake of leptin and albumin via separate pathways in proximal tubule cells. International Journal of Biochemistry and Cell Biology, 2016, 79, 194-198.	1.2	6
28	The role of maternal nutrition, metabolic function and the placenta in developmental programming of renal dysfunction. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 135-141.	0.9	20
29	Cannabinoid receptors in the kidney. Current Opinion in Nephrology and Hypertension, 2016, 25, 459-464.	1.0	28
30	Maternal obesity in females born small: Pregnancy complications and offspring disease risk. Molecular Nutrition and Food Research, 2016, 60, 8-17.	1.5	18
31	Linoleic acid and the pathogenesis of obesity. Prostaglandins and Other Lipid Mediators, 2016, 125, 90-99.	1.0	100
32	Renal effects of chronic pharmacological manipulation of <scp>CB</scp>₂ receptors in rats with dietâ€induced obesity. British Journal of Pharmacology, 2016, 173, 1128-1142.	2.7	38
33	Australia's nutrition transition 1961â€“2009: a focus on fats. British Journal of Nutrition, 2015, 114, 337-346.	1.2	23
34	Uteroplacental insufficiency leads to hypertension, but not glucose intolerance or impaired skeletal muscle mitochondrial biogenesis, in 12-month-old rats. Physiological Reports, 2015, 3, e12556.	0.7	12
35	Diet induced obesity in rats reduces <scp>NHE</scp>3 and Na⁺/K⁺â€<scp>ATP</scp>ase expression in the kidney. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 1118-1126.	0.9	10
36	Human Skeletal Muscle Oxidative Capacity Is Improved By Cannabinoid Receptor 2 Antagonist (cb2). Medicine and Science in Sports and Exercise, 2015, 47, 444.	0.2	0

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37	Chronic administration of AM251 improves albuminuria and renal tubular structure in obese rats. Journal of Endocrinology, 2015, 225, 113-124.	1.2	24
38	Chloride channel ClC-5 binds to aspartyl aminopeptidase to regulate renal albumin endocytosis. American Journal of Physiology - Renal Physiology, 2015, 308, F784-F792.	1.3	8
39	Leptin in pregnancy and development: a contributor to adulthood disease?. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E335-E350.	1.8	83
40	Direct activation of the proposed anti-diabetic receptor, GPR119 in cardiomyoblasts decreases markers of muscle metabolic activity. Molecular and Cellular Endocrinology, 2015, 402, 72-85.	1.6	7
41	Elevated cannabinoid receptor 1 and G proteinâ€coupled receptor 55 expression in proximal tubule cells and whole kidney exposed to diabetic conditions. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 256-262.	0.9	34
42	Acute leptin exposure reduces megalin expression and upregulates TGFÎ²1 in cultured renal proximal tubule cells. Molecular and Cellular Endocrinology, 2015, 401, 25-34.	1.6	20
43	Increased pyruvate dehydrogenase kinase expression in cultured myotubes from obese and diabetic individuals. European Journal of Nutrition, 2015, 54, 1033-1043.	1.8	21
44	Anti-Obesity Effect of the CB2 Receptor Agonist JWH-015 in Diet-Induced Obese Mice. PLoS ONE, 2015, 10, e0140592.	1.1	78
45	Use of Content Based Instruction and Socratic Discussion for ESL Undergraduate Biomedical Science Students to Develop Critical Thinking Skills. Journal of Curriculum and Teaching, 2014, 3, .	0.1	2
46	Growth restriction in the rat alters expression of cardiac JAK/STAT genes in a sex-specific manner. Journal of Developmental Origins of Health and Disease, 2014, 5, 314-321.	0.7	9
47	The cannabinoid receptor 1 and its role in influencing peripheral metabolism. Diabetes, Obesity and Metabolism, 2014, 16, 294-304.	2.2	32
48	GPR120 agonism as a countermeasure against metabolic diseases. Drug Discovery Today, 2014, 19, 670-679.	3.2	43
49	Short term exposure to elevated levels of leptin reduces proximal tubule cell metabolic activity. Molecular and Cellular Endocrinology, 2014, 382, 38-45.	1.6	12
50	A potential role for GPR55 in the regulation of energy homeostasis. Drug Discovery Today, 2014, 19, 1145-1151.	3.2	34
51	Enhancing an undergraduate Paramedic degree through the introduction of a health fact sheet assessment task.. Australasian Journal of Paramedicine, 2014, 7, .	0.4	0
52	The therapeutic potential of GPR43: a novel role in modulating metabolic health. Cellular and Molecular Life Sciences, 2013, 70, 4759-4770.	2.4	8
53	Is GPR119 agonism an appropriate treatment modality for the safe amelioration of metabolic diseases?. Expert Opinion on Investigational Drugs, 2013, 22, 487-498.	1.9	19
54	GPR119 regulates genetic markers of fatty acid oxidation in cultured skeletal muscle myotubes. Molecular and Cellular Endocrinology, 2013, 365, 108-118.	1.6	18

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55	Adipokines as a link between obesity and chronic kidney disease. American Journal of Physiology - Renal Physiology, 2013, 305, F1629-F1636.	1.3	112
56	Fatty Acid Modulation of the Endocannabinoid System and the Effect on Food Intake and Metabolism. International Journal of Endocrinology, 2013, 2013, 1-11.	0.6	82
57	Cannabinoid Receptor 2 Expression in Human Proximal Tubule Cells is Regulated by Albumin Independent of ERK1/2 Signaling. Cellular Physiology and Biochemistry, 2013, 32, 1309-1319.	1.1	24
58	Evaluation of a peer mentoring program for a mature cohort of first-year undergraduate paramedic students. American Journal of Physiology - Advances in Physiology Education, 2013, 37, 80-84.	0.8	25
59	Î³â€Secretase inhibition promotes fibrotic effects of albumin in proximal tubular epithelial cells. British Journal of Pharmacology, 2013, 169, 1239-1251.	2.7	8
60	The interaction between megalin and ClC-5 is scaffolded by the Na+â€“H+ exchanger regulatory factor 2 (NHERF2) in proximal tubule cells. International Journal of Biochemistry and Cell Biology, 2012, 44, 815-823.	1.2	26
61	Sgk-1 is a Positive Regulator of Constitutive Albumin Uptake in Renal Proximal Tubule Cells. Cellular Physiology and Biochemistry, 2012, 30, 1215-1226.	1.1	8
62	Endocannabinoids and the renal proximal tubule: An emerging role in diabetic nephropathy. International Journal of Biochemistry and Cell Biology, 2012, 44, 2028-2031.	1.2	23
63	Na⁺-H⁺ Exchanger Regulatory Factor 1 (NHERF1) PDZ Scaffold Binds an Internal Binding Site in the Scavenger Receptor Megalin. Cellular Physiology and Biochemistry, 2011, 27, 171-178.	1.1	32
64	Diet-induced Obesity Up-regulates the Abundance of GPR43 and GPR120 in a Tissue Specific Manner. Cellular Physiology and Biochemistry, 2011, 28, 949-958.	1.1	67
65	Role for Cannabinoid Receptors in Human Proximal Tubular Hypertrophy. Cellular Physiology and Biochemistry, 2010, 26, 879-886.	1.1	55
66	The Ubiquitin-Protein Ligase Nedd4-2 Differentially Interacts with and Regulates Members of the Tweety Family of Chloride Ion Channels. Journal of Biological Chemistry, 2008, 283, 24000-24010.	1.6	30
67	Assessing core manipulative skills in a large, first-year laboratory. American Journal of Physiology - Advances in Physiology Education, 2007, 31, 266-269.	0.8	15
68	Using explicit teaching to improve how bioscience students write to the lay public. American Journal of Physiology - Advances in Physiology Education, 2007, 31, 167-175.	0.8	24
69	Na+â€“H+ exchanger regulatory factor 1 is a PDZ scaffold for the astroglial glutamate transporter GLAST. Glia, 2007, 55, 119-129.	2.5	41
70	ClC-5: A chloride channel with multiple roles in renal tubular albumin uptake. International Journal of Biochemistry and Cell Biology, 2006, 38, 1036-1042.	1.2	47
71	Postnatal developmental expression of the PDZ scaffolds Na+-H+ exchanger regulatory factors 1 and 2 in the rat cochlea. Cell and Tissue Research, 2006, 323, 53-70.	1.5	2
72	Regulation of Albumin Endocytosis by PSD95/Dlg/ZO-1 (PDZ) Scaffolds. Journal of Biological Chemistry, 2006, 281, 16068-16077.	1.6	53

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73	ClC-5: role in endocytosis in the proximal tubule. American Journal of Physiology - Renal Physiology, 2005, 289, F850-F862.	1.3	56
74	PKC-Î±-mediated remodeling of the actin cytoskeleton is involved in constitutive albumin uptake by proximal tubule cells. American Journal of Physiology - Renal Physiology, 2005, 288, F1227-F1235.	1.3	28
75	A yellow fluorescent protein-based assay for high-throughput screening of glycine and GABAA receptor chloride channels. Neuroscience Letters, 2005, 380, 340-345.	1.0	54
76	Nedd4-2 Functionally Interacts with ClC-5. Journal of Biological Chemistry, 2004, 279, 54996-55007.	1.6	83
77	MOLECULAR CHANGES IN PROXIMAL TUBULE FUNCTION IN DIABETES MELLITUS. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 372-379.	0.9	37
78	Cofilin Interacts with ClC-5 and Regulates Albumin Uptake in Proximal Tubule Cell Lines. Journal of Biological Chemistry, 2003, 278, 40169-40176.	1.6	81
79	Cystic Fibrosis Transmembrane Conductance Regulator And The Outwardly Rectifying Chloride Channel: A Relationship Between Two Chloride Channels Expressed In Epithelial Cells. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 892-895.	0.9	32
80	Relevance of the D13 Region to the Function of the Skeletal Muscle Chloride Channel, ClC-1. Journal of Biological Chemistry, 1998, 273, 4304-4307.	1.6	33