Robin D Clugston

List of Publications by Year
in descending order

40 papers	2,311 citations	236612 25 h-index	301761 39 g-index
41 all docs	41 docs citations	41 times ranked	2950 citing authors

#	Article	IF	Citations
1	Vitamin A Metabolism: An Update. Nutrients, 2011, 3, 63-103.	1.7	425
2	Hepatic metabolism of retinoids and disease associations. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 124-136.	1.2	148
3	Embryological origins and development of the rat diaphragm. Journal of Comparative Neurology, 2003, 455, 477-487.	0.9	133
4	Teratogen-Induced, Dietary and Genetic Models of Congenital Diaphragmatic Hernia Share a Common Mechanism of Pathogenesis. American Journal of Pathology, 2006, 169, 1541-1549.	1.9	121
5	Retinal Dehydrogenase-2 Is Inhibited by Compounds that Induce Congenital Diaphragmatic Hernias in Rodents. American Journal of Pathology, 2003, 162, 673-679.	1.9	120
6	Vitamin A Absorption, Storage and Mobilization. Sub-Cellular Biochemistry, 2016, 81, 95-125.	1.0	113
7	Diaphragm development and congenital diaphragmatic hernia. Seminars in Pediatric Surgery, 2007, 16, 94-100.	0.5	109
8	Mechanisms of action of the congenital diaphragmatic hernia-inducing teratogen nitrofen. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L1079-L1087.	1.3	108
9	Altered hepatic lipid metabolism in C57BL/6 mice fed alcohol: a targeted lipidomic and gene expression study. Journal of Lipid Research, 2011, 52, 2021-2031.	2.0	90
10	Distinct Populations of Hepatic Stellate Cells in the Mouse Liver Have Different Capacities for Retinoid and Lipid Storage. PLoS ONE, 2011, 6, e24993.	1.1	85
11	The Adverse Effects of Alcohol on Vitamin A Metabolism. Nutrients, 2012, 4, 356-371.	1.7	82
12	Understanding Abnormal Retinoid Signaling as a Causative Mechanism in Congenital Diaphragmatic Hernia. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 276-285.	1.4	74
13	Gene expression in the developing diaphragm: significance for congenital diaphragmatic hernia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L665-L675.	1.3	67
14	CD36-deficient mice are resistant to alcohol- and high-carbohydrate-induced hepatic steatosis. Journal of Lipid Research, 2014, 55, 239-246.	2.0	60
15	Heparan sulfate deficiency disrupts developmental angiogenesis and causes congenital diaphragmatic hernia. Journal of Clinical Investigation, 2014, 124, 209-221.	3.9	53
16	Early development of the primordial mammalian diaphragm and cellular mechanisms of nitrofenâ€induced congenital diaphragmatic hernia. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 15-24.	1.6	51
17	WT1-Expressing Interneurons Regulate Leftâ€“Right Alternation during Mammalian Locomotor Activity. Journal of Neuroscience, 2018, 38, 5666-5676.	1.7	45
18	Vitamin E alleviates non-alcoholic fatty liver disease in phosphatidylethanolamine N-methyltransferase deficient mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 14-25.	1.8	42

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19	Chronic ethanol consumption increases cardiomyocyte fatty acid uptake and decreases ventricular contractile function in C57BL/6J mice. Journal of Molecular and Cellular Cardiology, 2013, 59, 30-40.	0.9	36
20	The role of adipose triglyceride lipase in lipid and glucose homeostasis: lessons from transgenic mice. Lipids in Health and Disease, 2019, 18, 204.	1.2	36
21	Carotenoids and fatty liver disease: Current knowledge and research gaps. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158597.	1.2	35
22	Long-term Diet and Biomarker Changes after a Short-term Intervention among Hispanic Breast Cancer Survivors: The Â¡Cocinar Para Su Salud! Randomized Controlled Trial. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1491-1502.	1.1	33
23	Gene ontology enrichment analysis of congenital diaphragmatic hernia-associated genes. Pediatric Research, 2019, 85, 13-19.	1.1	33
24	Vitamin A (retinoid) metabolism and actions: What we know and what we need to know about amphibians. Zoo Biology, 2014, 33, 527-535.	0.5	32
25	Poor Vitamin Status is Associated with Skeletal Muscle Loss and Mucositis in Head and Neck Cancer Patients. Nutrients, 2018, 10, 1236.	1.7	30
26	The Hepatic Lipidome: A Gateway to Understanding the Pathogenes is of Alcohol-Induced Fatty Liver. Current Molecular Pharmacology, 2017, 10, 195-206.	0.7	23
27	Structural and Functional Development of the Respiratory System in a Newborn Marsupial with Cutaneous Gas Exchange. Physiological and Biochemical Zoology, 2011, 84, 634-649.	0.6	22
28	Chronic alcohol consumption has a biphasic effect on hepatic retinoid loss. FASEB Journal, 2015, 29, 3654-3667.	0.2	19
29	Altered hepatic retinyl ester concentration and acyl composition in response to alcohol consumption. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 1276-1286.	1.2	16
30	Chronic alcohol consumption decreases brown adipose tissue mass and disrupts thermoregulation: a possible role for altered retinoid signaling. Scientific Reports, 2017, 7, 43474.	1.6	16
31	Cd36 knockout mice are protected against lithogenic diet-induced gallstones. Journal of Lipid Research, 2017, 58, 1692-1701.	2.0	13
32	Altered hepatic retinyl ester concentration and acyl composition in response to alcohol consumption. Biochimica Et Biophysica Acta, 2013, 1831, 1276-86.	1.3	10
33	Low maternal vitamin A intake increases the incidence of teratogen induced congenital diaphragmatic hernia in mice. Pediatric Research, 2022, 91, 83-91.	1.1	8
34	Alcohol induced hepatic retinoid depletion is associated with the induction of multiple retinoid catabolizing cytochrome P450 enzymes. PLoS ONE, 2022, 17, e0261675.	1.1	6
35	Absence of CD36 alters systemic vitamin A homeostasis. Scientific Reports, 2020, 10, 20386.	1.6	5
36	Pathogenesis of Alcohol-Associated Fatty Liver: Lessons From Transgenic Mice. Frontiers in Physiology, 0, 13, .	1.3	5

#	Article	IF	Citations
37	INSIGHTS INTO THE PATHOGENESIS AND AETIOLOGY OF CONGENITAL DIAPHRAGMATIC HERNIA FROM RODENT MODELS. Fetal and Maternal Medicine Review, 2005, 16, 211.	0.3	2
38	Comment on â€œLung and Liver growth and retinoic acid status in human fetuses with congenital diaphragmatic herniaâ€. Early Human Development, 2018, 116, 93.	0.8	2
39	Dietary Macronutrient Composition Determines the Contribution of <scp>DGAT</scp>1 to Alcoholic Steatosis. Alcoholism: Clinical and Experimental Research, 2018, 42, 2298-2312.	1.4	2
40	The Role of CD36 in the Pathogenesis of Alcohol-Related Disease. , 2016, , 71-84.		0