Nicholas O Davidson

List of Publications by Year
in descending order

63	2,369	279798 23	214800 47
papers	citations	h-index	g-index

63	63	63	4788
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Decreased Hepatic Triglyceride Accumulation and Altered Fatty Acid Uptake in Mice with Deletion of the Liver Fatty Acid-binding Protein Gene. Journal of Biological Chemistry, 2003, 278, 51664-51672.	3.4	244
2	Trehalose inhibits solute carrier 2A (SLC2A) proteins to induce autophagy and prevent hepatic steatosis. Science Signaling, 2016, 9, ra21.	3.6	223
3	Protective mucosal immunity mediated by epithelial CD1d and IL-10. Nature, 2014, 509, 497-502.	27.8	172
4	Protection against Western diet-induced obesity and hepatic steatosis in liver fatty acid-binding protein knockout mice. Hepatology, 2006, 44, 1191-1205.	7.3	170
5	Regenerative proliferation of differentiated cells by <scp>mTORC</scp> 1â€dependent paligenosis. EMBO Journal, 2018, 37, .	7.8	132
6	APOBECâ€1â€mediated RNA editing. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2010, 2, 594-602.	6.6	100
7	Impact of Retroflexion Vs. Second Forward View Examination of the Right Colon on Adenoma Detection: A Comparison Study. American Journal of Gastroenterology, 2015, 110, 415-422.	0.4	97
8	Genetic Pathways in Nonalcoholic Fatty Liver Disease: Insights From Systems Biology. Hepatology, 2020, 72, 330-346.	7.3	75
9	Identification of Medically Actionable Secondary Findings in the 1000 Genomes. PLoS ONE, 2015, 10, e0135193.	2.5	74
10	Fatty acid transport protein 4 is dispensable for intestinal lipid absorption in mice. Journal of Lipid Research, 2009, 50, 491-500.	4.2	71
11	Mboat7 down-regulation by hyper-insulinemia induces fat accumulation in hepatocytes. EBioMedicine, 2020, 52, 102658.	6.1	71
12	Microsomal Triglyceride Transfer Protein Transfers and Determines Plasma Concentrations of Ceramide and Sphingomyelin but Not Glycosylceramide. Journal of Biological Chemistry, 2015, 290, 25863-25875.	3.4	68
13	Differential expression of miRNAs in colon cancer between African and Caucasian Americans: Implications for cancer racial health disparities. International Journal of Oncology, 2014, 45, 587-594.	3.3	61
14	A single transcription factor is sufficient to induce and maintain secretory cell architecture. Genes and Development, 2017, 31, 154-171.	5.9	59
15	Liverâ€Specific Deletion of Mouse Tm6sf2 Promotes Steatosis, Fibrosis, and Hepatocellular Cancer. Hepatology, 2021, 74, 1203-1219.	7.3	57
16	Intestinal Epithelial HuR Modulates Distinct Pathways of Proliferation and Apoptosis and Attenuates Small Intestinal and Colonic Tumor Development. Cancer Research, 2014, 74, 5322-5335.	0.9	55
17	miR-217 Regulates Ethanol-Induced Hepatic Inflammation by Disrupting Sirtuin 1â€“Lipin-1 Signaling. American Journal of Pathology, 2015, 185, 1286-1296.	3.8	53
18	A Dedicated Evolutionarily Conserved Molecular Network Licenses Differentiated Cells to Return to the Cell Cycle. Developmental Cell, 2020, 55, 178-194.e7.	7.0	46

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19	CD36 Deficiency Impairs the Small Intestinal Barrier and InducesÂSubclinical Inflammation in Mice. Cellular and Molecular Gastroenterology and Hepatology, 2017, 3, 82-98.	4.5	42
20	Apobec1 complementation factor (A1CF) and RBM47 interact in tissue-specific regulation of C to U RNA editing in mouse intestine and liver. Rna, 2019, 25, 70-81.	3.5	39
21	Increased susceptibility to diet-induced gallstones in liver fatty acid binding protein knockout mice. Journal of Lipid Research, 2009, 50, 977-987.	4.2	36
22	Metabolic subtypes of patients with NAFLD exhibit distinctive cardiovascular risk profiles. Hepatology, 2022, 76, 1121-1134.	7.3	31
23	Genetic testing in colorectal cancer: who, when, how and why. Keio Journal of Medicine, 2007, 56, 14-20.	1.1	25
24	Identification of protein disulfide isomerase 1 as a key isomerase for disulfide bond formation in apolipoprotein B100. Molecular Biology of the Cell, 2015, 26, 594-604.	2.1	22
25	Prevention of hepatic fibrosis with liver microsomal triglyceride transfer protein deletion in liver fatty acid binding protein null mice. Hepatology, 2017, 65, 836-852.	7.3	22
26	Hepatocyte and stellate cell deletion of liver fatty acid binding protein reveals distinct roles in fibrogenic injury. FASEB Journal, 2019, 33, 4610-4625.	0.5	21
27	Apobec1 complementation factor overexpression promotes hepatic steatosis, fibrosis, and hepatocellular cancer. Journal of Clinical Investigation, 2021, 131, .	8.2	21
28	Lack of VMP1 impairs hepatic lipoprotein secretion and promotes non-alcoholic steatohepatitis. Journal of Hepatology, 2022, 77, 619-631.	3.7	20
29	Decreased Expression of Cholesterol 7Î±-Hydroxylase and Altered Bile Acid Metabolism in Apobec-1â^'/â^' Mice Lead to Increased Gallstone Susceptibility. Journal of Biological Chemistry, 2009, 284, 16860-16871.	3.4	19
30	Novel APC promoter and exon 1B deletion and allelic silencing in three mutation-negative classic familial adenomatous polyposis families. Genome Medicine, 2015, 7, 42.	8.2	19
31	Phenotypic divergence in two lines ofL-Fabp^{â^'/â^'}mice reflects substrain differences and environmental modifiers. American Journal of Physiology - Renal Physiology, 2015, 309, G648-G661.	3.4	17
32	Reassessment of murine APOBEC1 as a retrovirus restriction factor in vivo. Virology, 2014, 468-470, 601-608.	2.4	16
33	Perilipin 5 and liver fatty acid binding protein function to restore quiescence in mouse hepatic stellate cells. Journal of Lipid Research, 2018, 59, 416-428.	4.2	16
34	Antibiotic-driven intestinal dysbiosis in pediatric short bowel syndrome is associated with persistently altered microbiome functions and gut-derived bloodstream infections. Gut Microbes, 2021, 13, 1940792.	9.8	15
35	Intestine-Specific Deletion of Microsomal Triglyceride Transfer Protein Increases Mortality in Aged Mice. PLoS ONE, 2014, 9, e101828.	2.5	14
36	A stable but reversible integrated surrogate reporter for assaying CRISPR/Cas9-stimulated homology-directed repair. Journal of Biological Chemistry, 2017, 292, 6148-6162.	3.4	13

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37	Cd36 knockout mice are protected against lithogenic diet-induced gallstones. Journal of Lipid Research, 2017, 58, 1692-1701.	4.2	13
38	Myeloid-specific Asxl2 deletion limits diet-induced obesity by regulating energy expenditure. Journal of Clinical Investigation, 2020, 130, 2644-2656.	8.2	13
39	Fecal microbiome and bile acid metabolome in adult short bowel syndrome. American Journal of Physiology - Renal Physiology, 2022, 322, G154-G168.	3.4	13
40	Impaired Chylomicron Assembly Modifies Hepatic Metabolism Through Bile Acidâ€“Dependent and Transmissible Microbial Adaptations. Hepatology, 2019, 70, 1168-1184.	7.3	12
41	Hepatic Mttp deletion reverses gallstone susceptibility in L-Fabp knockout mice. Journal of Lipid Research, 2014, 55, 540-548.	4.2	9
42	Disruption of retinoblastoma protein expression in the intestinal epithelium impairs lipid absorption. American Journal of Physiology - Renal Physiology, 2014, 306, G909-G915.	3.4	9
43	Dysregulation of mannose-6-phosphateâ€“dependent cholesterol homeostasis in acinar cells mediates pancreatitis. Journal of Clinical Investigation, 2021, 131, .	8.2	9
44	Maternal obesogenic diet regulates offspring bile acid homeostasis and hepatic lipid metabolism via the gut microbiome in mice. American Journal of Physiology - Renal Physiology, 2022, 322, G295-G309.	3.4	9
45	Grant Writing: Tips and Pointers From a Personal Perspective. Gastroenterology, 2012, 142, 4-7.	1.3	8
46	Type A blocks of super category <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="script">O</mml:mi></mml:math>. Journal of Algebra, 2017, 473, 447-480.	0.7	8
47	Increased Adiposity and Reduced Lean Body Mass in Patients with Short Bowel Syndrome. Digestive Diseases and Sciences, 2020, 65, 3271-3279.	2.3	6
48	How to Prepare for and Write a Grant: Personal Perspectives. Gastroenterology, 2017, 152, 7-11.	1.3	4
49	Type C blocks of super category $$mathcal {O}$$. Mathematische Zeitschrift, 2019, 293, 867-901.	0.9	4
50	Overview and Introduction: Thematic Review Series on Intestinal Lipid Metabolism. Journal of Lipid Research, 2015, 56, 487-488.	4.2	3
51	Liver-specific deletion of Mttp versus Tm6sf2 reveals distinct defects in stepwise VLDL assembly. Journal of Lipid Research, 2021, 62, 100080.	4.2	3
52	Inhibition of chylomicron assembly leads to dissociation of hepatic steatosis from inflammation and fibrosis. Journal of Lipid Research, 2021, 62, 100123.	4.2	3
53	Missense Mutant Patatinâ€Like Phospholipase Domain Containing 3 Alters Lipid Droplet Turnover in Partnership With CGIâ€58. Hepatology, 2019, 69, 2323-2325.	7.3	2
54	MATERNAL OBESOGENIC DIET ENHANCES CHOLESTATIC LIVER DISEASE IN OFFSPRING. Journal of Lipid Research, 2022, , 100205.	4.2	2

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55	RNA Editing: Another Level of Somatic Mutagenic Activity in Gastric Cancer. Gastroenterology, 2016, 151, 584-587.	1.3	1
56	Bile Acids, Microbiota, and Cystic Fibrosis: Channeling Intestinal FXR Signals. Cellular and Molecular Gastroenterology and Hepatology, 2020, 9, 185-186.	4.5	1
57	Ceramide Salvage, Gut Mucosal Immunoglobulin A Signaling, and Dietâ€Induced NASH. Hepatology, 2021, 73, 884-886.	7.3	1
58	Biological Implications and Broader-Range Functions for APOBEC-1 and APOBEC-1 Complementation Factor (ACF). , 0, , 203-230.		0
59	Rafting for gallstones by slowing mass transit. Journal of Physiology, 2012, 590, 2067-2068.	2.9	0
60	Building bridges: PCSK7 as a NAFLD candidate gene connecting hepatic inflammation with hypertriglyceridemia. Journal of Lipid Research, 2019, 60, 1067-1068.	4.2	0
61	Dropping in on Lipid Mobilization From the Gut. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 291-292.	4.5	0
62	Insufficient Evidence for Association of NOD2/CARD15 or Other Inflammatory Bowel Disease-Associated Markers with Gvhd or Other Outcomes in T-Replete, Unrelated Donor Transplantation Facilitated by the NMDP. Blood, 2008, 112, 3007-3007.	1.4	0
63	Mechanism of ATGL mediated changes in hepatic energy metabolism: role of LFABP. FASEB Journal, 2013, 27, 822.12.	0.5	0