Harry D Dawson

List of Publications by Year
in descending order

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87 papers	4,584 citations	126708 33 h-index	102304 66 g-index
89 all docs	89 docs citations	89 times ranked	6677 citing authors

#	Article	IF	Citations
1	Tissue-specific mechanisms of bile acid homeostasis and activation of FXR-FGF19 signaling in preterm and term neonatal pigs. American Journal of Physiology - Renal Physiology, 2022, 322, G117-G133.	1.6	5
2	Future of biomedical, agricultural, and biological systems research using domesticated animals. Biology of Reproduction, 2022, 106, 629-638.	1.2	2
3	Soy Formula Is Not Estrogenic and Does Not Result in Reproductive Toxicity in Male Piglets: Results from a Controlled Feeding Study. Nutrients, 2022, 14, 1126.	1.7	3
4	Resistant Potato Starch Alters the Cecal Microbiome and Gene Expression in Mice Fed a Western Diet Based on NHANES Data. Frontiers in Nutrition, 2022, 9, 782667.	1.6	5
5	Colon transcriptome is modified by a dietary pattern/atorvastatin interaction in the Ossabaw pig. Journal of Nutritional Biochemistry, 2021, 90, 108570.	1.9	2
6	Fruit and Vegetable Supplemented Diet Modulates the Pig Transcriptome and Microbiome after a Two-Week Feeding Intervention. Nutrients, 2021, 13, 4350.	1.7	3
7	Formula Diet Alters the Ileal Metagenome and Transcriptome at Weaning and during the Postweaning Period in a Porcine Model. MSystems, 2020, 5, .	1.7	18
8	Molecular and metabolomic changes in the proximal colon of pigs infected with Trichuris suis. Scientific Reports, 2020, 10, 12853.	1.6	10
9	Potentiation of IL-4 Signaling by Retinoic Acid in Intestinal Epithelial Cells and Macrophagesâ€"Mechanisms and Targets. Frontiers in Immunology, 2020, 11, 605.	2.2	11
10	Porcine cytokines, chemokines and growth factors: 2019 update. Research in Veterinary Science, 2020, 131, 266-300.	0.9	14
11	Pomegranate peel extract alters the microbiome in mice and dysbiosis caused by Citrobacter rodentium infection. Food Science and Nutrition, 2019, 7, 2565-2576.	1.5	30
12	The regulatory actions of retinoic acid on M2 polarization of porcine macrophages. Developmental and Comparative Immunology, 2019, 98, 20-33.	1.0	26
13	Porcine cluster of differentiation (CD) markers 2018 update. Research in Veterinary Science, 2018, 118, 199-246.	0.9	31
14	Impact of Micronutrients on the Immune Response of Animals. Annual Review of Animal Biosciences, 2018, 6, 227-254.	3.6	29
15	Animal Models for Influenza A Virus Infection Incorporating the Involvement of Innate Host Defenses: Enhanced Translational Value of the Porcine Model. ILAR Journal, 2018, 59, 323-337.	1.8	18
16	Bifidobacterium animalis subspecies lactismodulates the local immune response and glucose uptake in the small intestine of juvenile pigs infected with the parasitic nematodeAscaris suum. Gut Microbes, 2018, 9, 1-15.	4.3	26
17	An in-depth comparison of the porcine, murine and human inflammasomes; lessons from the porcine genome and transcriptome. Veterinary Microbiology, 2017, 202, 2-15.	0.8	102
18	The porcine translational research database: a manually curated, genomics and proteomics-based research resource. BMC Genomics, 2017, 18, 643.	1.2	55

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19	Transcriptomic Profile of Whole Blood Cells from Elderly Subjects Fed Probiotic Bacteria Lactobacillus rhamnosus GG ATCC 53103 (LGG) in a Phase I Open Label Study. PLoS ONE, 2016, 11, e0147426.	1.1	16
20	Garlic Influences Gene Expression In Vivo and In Vitro. Journal of Nutrition, 2016, 146, 444S-449S.	1.3	14
21	Understanding the host-adapted state of Citrobacter rodentium by transcriptomic analysis. Archives of Microbiology, 2016, 198, 353-362.	1.0	10
22	Immune and inflammatory responses in pigs infected with Trichuris suis and Oesophagostomum dentatum. Veterinary Parasitology, 2015, 207, 249-258.	0.7	33
23	Inflammation and Nutritional Science for Programs/Policies and Interpretation of Research Evidence (INSPIRE). Journal of Nutrition, 2015, 145, 1039S-1108S.	1.3	170
24	A Single Meal Containing Raw, Crushed Garlic Influences Expression of Immunity- and Cancer-Related Genes in Whole Blood of Humans. Journal of Nutrition, 2015, 145, 2448-2455.	1.3	36
25	Structural and functional annotation of the porcine immunome. BMC Genomics, 2013, 14, 332.	1.2	203
26	Feeding probiotic Lactobacillus paracasei to Ossabaw pigs on a high-fat diet prevents cholesteryl-ester accumulation and LPS modulation of the Liver X receptor and inflammatory axis in alveolar macrophages. Journal of Nutritional Biochemistry, 2013, 24, 1931-1939.	1.9	11
27	Measurement of the whole blood transcriptomic signatures in healthy elderly subjects fed the probiotic bacteria Lactobacillus rhamnosus GG ATCC 53103 (LGG). FASEB Journal, 2013, 27, 1079.64.	0.2	0
28	Blackberries decrease DNA damage after 3 h, but not after 6 d, in healthy adult volunteers. FASEB Journal, 2013, 27, 864.4.	0.2	1
29	Garlic intake influences gene expression in whole blood. FASEB Journal, 2013, 27, 637.27.	0.2	0
30	Interactions of allâ€trans retinoic acid and interleukinâ€4 in the development of alternatively activated lung macrophages. FASEB Journal, 2013, 27, 123.7.	0.2	0
31	Nutritional and Immunological Lessons Learned from the Porcine Genome. FASEB Journal, 2013, 27, 643.6.	0.2	0
32	Analyses of pig genomes provide insight into porcine demography and evolution. Nature, 2012, 491, 393-398.	13.7	1,190
33	Cinnamon polyphenols regulate multiple metabolic pathways involved in insulin signaling and intestinal lipoprotein metabolism of small intestinal enterocytes. Nutrition, 2012, 28, 1172-1179.	1.1	47
34	Acute effects of all-trans-retinoic acid in ischemic injury. Translational Neuroscience, 2012, 3, .	0.7	1
35	Worm Burden-Dependent Disruption of the Porcine Colon Microbiota by Trichuris suis Infection. PLoS ONE, 2012, 7, e35470.	1.1	138
36	Altered fasting human plasma metabolite profile associated with shortâ€term blackberry feeding. FASEB Journal, 2012, 26, lb334.	0.2	0

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37	A Comparative Assessment of the Pig, Mouse andÂHumanÂGenomes. , 2011, , 323-342.		45
38	Effect of Subcutaneous Glucose Sensor Implantation on Skin mRNA Expression in Pigs. Diabetes Technology and Therapeutics, 2010, 12, 791-799.	2.4	6
39	Elevation of tumor necrosis factor-Î± induces the overproduction of postprandial intestinal apolipoprotein B48-containing very low-density lipoprotein particles: evidence for related gene expression of inflammatory, insulin and lipoprotein signaling in enterocytes. Experimental Biology and Medicine, 2010, 235, 199-205.	1.1	18
40	Characterization of porcine CD205. Developmental and Comparative Immunology, 2010, 34, 715-721.	1.0	14
41	Activation of Porcine Natural Killer Cells and Lysis of Foot-and-Mouth Disease Virus Infected Cells. Journal of Interferon and Cytokine Research, 2009, 29, 179-192.	0.5	23
42	Transcriptome Profile and Cytogenetic Analysis of Immortalized Neuronally Restricted Progenitor Cells Derived from the Porcine Olfactory Bulb. Animal Biotechnology, 2009, 20, 186-215.	0.7	1
43	Innate Immune Defenses Induced by CpG Do Not Promote Vaccine-Induced Protection against Foot-and-Mouth Disease Virus in Pigs. Vaccine Journal, 2009, 16, 1151-1157.	3.2	45
44	Accessory-Cell-Mediated Activation of Porcine NK Cells by Toll-Like Receptor 7 (TLR7) and TLR8 Agonists. Vaccine Journal, 2009, 16, 866-878.	3.2	19
45	Localized Th1-, Th2-, T Regulatory Cell-, and Inflammation-Associated Hepatic and Pulmonary Immune Responses inAscaris suum-Infected Swine Are Increased by Retinoic Acid. Infection and Immunity, 2009, 77, 2576-2587.	1.0	63
46	Supplemental Dietary Inulin Influences Expression of Iron and Inflammation Related Genes in Young Pigs. Journal of Nutrition, 2009, 139, 2018-2023.	1.3	42
47	Cinnamon Extract Attenuates TNF-Î±-induced Intestinal Lipoprotein ApoB48 Overproduction by Regulating Inflammatory, Insulin, and Lipoprotein Pathways in Enterocytes. Hormone and Metabolic Research, 2009, 41, 516-522.	0.7	41
48	Natural Killer Cell Dysfunction during Acute Infection with Foot-and-Mouth Disease Virus. Vaccine Journal, 2009, 16, 1738-1749.	3.2	36
49	Ascaris suum infection negatively affects the response to a Mycoplasma hyopneumoniae vaccination and subsequent challenge infection in pigs. Vaccine, 2009, 27, 5161-5169.	1.7	59
50	Green tea improves carbohydrate and lipid metabolism and regulates cardiac mRNA expression related to insulin, lipid and inflammatory signaling pathways. FASEB Journal, 2009, 23, 717.25.	0.2	0
51	Immortalization and characterization of lineage-restricted neuronal progenitor cells derived from the porcine olfactory bulb. Journal of Neuroscience Methods, 2008, 170, 262-276.	1.3	8
52	The Retinoic Acid Receptor-Î± mediates human T-cell activation and Th2 cytokine and chemokine production. BMC Immunology, 2008, 9, 16.	0.9	53
53	Langerhans cells in porcine skin. Veterinary Immunology and Immunopathology, 2008, 126, 236-247.	0.5	27
54	Detection of Bifidobacterium animalis subsp. lactis (Bb12) in the Intestine after Feeding of Sows and Their Piglets. Applied and Environmental Microbiology, 2008, 74, 6338-6347.	1.4	36

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55	Generating a Natural Porcine Model of Gastrointestinal Food Allergy to Peanut. FASEB Journal, 2008, 22, 671.13.	0.2	0
56	CD4+ CD25+ Foxp3+ Porcine Natural Regulatory T Cells Induced by Helminth Infection Display a Functionally Suppressive Immunomodulatory Phenotype. FASEB Journal, 2008, 22, 864.3.	0.2	0
57	Green Tea Polyphenol Extract Regulates the Expression of Genes Involved in Glucose Uptake and Insulin Signaling in Rats Fed a High Fructose Diet. Journal of Agricultural and Food Chemistry, 2007, 55, 6372-6378.	2.4	122
58	Infection with parasitic nematodes confounds vaccination efficacy. Veterinary Parasitology, 2007, 148, 14-20.	0.7	86
59	Green tea increases anti-inflammatory tristetraprolin and decreases pro-inflammatory tumor necrosis factor mRNA levels in rats. Journal of Inflammation, 2007, 4, 1.	1.5	82
60	Green tea increases the antiâ€inflammatory tristetraprolin and decreases the proâ€inflammatory tumor necrosis factor mRNA levels in rats. FASEB Journal, 2007, 21, A165.	0.2	0
61	Gene expression profiling in Salmonella Choleraesuis-infected porcine lung using a long oligonucleotide microarray. Mammalian Genome, 2006, 17, 777-789.	1.0	41
62	Glutathione is required for efficient production of infectious picornavirus virions. Virology, 2006, 353, 258-267.	1.1	26
63	A time course study of immunological responses in Trichuris suis infected pigs demonstrates induction of a local type 2 response associated with worm burden. International Journal for Parasitology, 2006, 36, 915-924.	1.3	72
64	Direct and indirect effects of retinoic acid on human Th2 cytokine and chemokine expression by human T lymphocytes. BMC Immunology, 2006, 7, 27.	0.9	105
65	Functional Importance of Regional Differences in Localized Gene Expression of Receptors for IL-13 in Murine Gut. Journal of Immunology, 2006, 176, 491-495.	0.4	49
66	Carotenoid Transport Is Decreased and Expression of the Lipid Transporters SR-BI, NPC1L1, and ABCA1 Is Downregulated in Caco-2 Cells Treated with Ezetimibe. Journal of Nutrition, 2005, 135, 2305-2312.	1.3	262
67	Immune Regulation of Protease-Activated Receptor-1 Expression in Murine Small Intestine duringNippostrongylus brasiliensisInfection. Journal of Immunology, 2005, 175, 2563-2569.	0.4	42
68	Isolation and Characterization of a Microsomal Acid Retinyl Ester Hydrolase. Journal of Biological Chemistry, 2005, 280, 23287-23294.	1.6	27
69	Localized Multigene Expression Patterns Support an Evolving Th1/Th2-Like Paradigm in Response to Infections with Toxoplasma gondii and Ascaris suum. Infection and Immunity, 2005, 73, 1116-1128.	1.0	150
70	Follicular expression of a human Î²-cell leukaemia/lymphoma-2 (Bcl-2) transgene does not decrease atresia or increase ovulation rate in swine. Reproduction, Fertility and Development, 2005, 17, 457.	0.1	4
71	The immunoregulatory effects of homocysteine and its intermediates on T-lymphocyte function. Mechanisms of Ageing and Development, 2004, 125, 107-110.	2.2	53
72	Identification of key immune mediators regulating T helper 1 responses in swine. Veterinary Immunology and Immunopathology, 2004, 100, 105-111.	0.5	37

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73	Molecular cloning of the Swine IL-4 receptor Î± and IL-13 receptor 1-chains: effects of experimental Toxoplasma gondii, Ascaris suum and Trichuris suis infections on tissue mRNA levels. Veterinary Immunology and Immunopathology, 2004, 101, 223-234.	0.5	9
74	Deciphering the involvement of innate immune factors in the development of the host response to PRRSV vaccination. Veterinary Immunology and Immunopathology, 2004, 102, 199-216.	0.5	138
75	Cytokine gene expression in dams and foetuses after experimental Neospora caninum infection of heifers at 110 days of gestation. Parasite Immunology, 2003, 25, 383-392.	0.7	46
76	Enteral L-glutamine induced heat shock protein 72kDa (HSP-72) in diabetic rats in vivo. Gastroenterology, 2003, 124, A815.	0.6	0
77	Up-regulation of PAR-1 and PAR-2 expression contributes to nematode-induced hypercontractility of murine intestinal smooth muscle. Gastroenterology, 2003, 124, A89.	0.6	1
78	L-arginine improves heat tolerance in diabetic rats via induction of heat shock protein in vivo. Gastroenterology, 2003, 124, A262.	0.6	0
79	Effect of hyperglycemia and nitric oxide synthase inhibition on heat tolerance and induction of heat shock protein 72 kDa in vivo. American Surgeon, 2003, 69, 587-92.	0.4	8
80	Cytokine Responses in Young and Old Rhesus Monkeys: Effect of Caloric Restriction. Journal of Interferon and Cytokine Research, 2002, 22, 565-571.	0.5	34
81	Limited effect of recombinant porcine interleukin-12 on porcine lymphocytes due to a low level of IL-12 beta2 receptor. Veterinary Immunology and Immunopathology, 2002, 89, 133-148.	0.5	24
82	Age-related changes in cytokine production by leukocytes in rhesus monkeys. Aging Clinical and Experimental Research, 2001, 13, 85-94.	1.4	17
83	Regulation of Hepatic Vitamin A Storage in a Rat Model of Controlled Vitamin A Status during Aging. Journal of Nutrition, 2000, 130, 1280-1286.	1.3	33
84	Chronic Marginal Vitamin A Status Affects the Distribution and Function of T Cells and Natural T Cells in Aging Lewis Rats. Journal of Nutrition, 1999, 129, 1782-1790.	1.3	24
85	Treatment with Tumor Necrosis Factor-Î± and Granulocyteâ€“Macrophage Colony-Stimulating Factor Increases Epidermal Langerhans' Cell Numbers in Cancer Patients. Clinical Immunology, 1999, 93, 209-221.	1.4	20
86	Chronic Marginal Vitamin A Status Reduces Natural Killer Cell Number and Function in Aging Lewis Rats. Journal of Nutrition, 1999, 129, 1510-1517.	1.3	51
87	Iron Metabolism: A Comprehensive Review. Nutrition Reviews, 1996, 54, 295-317.	2.6	221