Andrew W Norris

List of Publications by Year
in descending order

59 papers	4,142 citations	201674 27 h-index	149698 56 g-index
63 all docs	63 docs citations	63 times ranked	6541 citing authors

#	Article	IF	Citations
1	New role of bone morphogenetic protein 7 in brown adipogenesis and energy expenditure. Nature, 2008, 454, 1000-1004.	27.8	964
2	Evidence for a role of developmental genes in the origin of obesity and body fat distribution. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6676-6681.	7.1	543
3	Action of epoxyeicosatrienoic acids on cellular function. American Journal of Physiology - Cell Physiology, 2007, 292, C996-C1012.	4.6	405
4	Muscle-specific PPARÎ³-deficient mice develop increased adiposity and insulin resistance but respond to thiazolidinediones. Journal of Clinical Investigation, 2003, 112, 608-618.	8.2	366
5	Hepatic Mitochondrial Pyruvate Carrier 1 Is Required for Efficient Regulation of Gluconeogenesis and Whole-Body Glucose Homeostasis. Cell Metabolism, 2015, 22, 669-681.	16.2	193
6	Role of Foxa-2 in adipocyte metabolism and differentiation. Journal of Clinical Investigation, 2003, 112, 345-356.	8.2	115
7	Abnormal endocrine pancreas function at birth in cystic fibrosis ferrets. Journal of Clinical Investigation, 2012, 122, 3755-3768.	8.2	115
8	Structure/Function of Cytoplasmic Vitamin A-Binding Proteins. Annual Review of Nutrition, 1996, 16, 205-234.	10.1	101
9	Abnormal Glucose Tolerance in Infants and Young Children with Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 974-980.	5.6	77
10	IUGR decreases PPARÎ³ and SETD8 Expression in neonatal rat lung and these effects are ameliorated by maternal DHA supplementation. Early Human Development, 2010, 86, 785-791.	1.8	76
11	SWELL1 is a glucose sensor regulating Î²-cell excitability and systemic glycaemia. Nature Communications, 2018, 9, 367.	12.8	74
12	Measurement of subnanomolar retinoic acid binding affinities for cellular retinoic acid binding proteins by fluorometric titration. BBA - Proteins and Proteomics, 1994, 1209, 10-18.	2.1	71
13	Binding of Cytochrome P450 Monooxygenase and Lipoxygenase Pathway Products by Heart Fatty Acid-Binding Proteinâ€. Biochemistry, 2001, 40, 1070-1076.	2.5	71
14	Glycaemic regulation and insulin secretion are abnormal in cystic fibrosis pigs despite sparing of islet cell mass. Clinical Science, 2015, 128, 131-142.	4.3	64
15	Regulation of Glucose Tolerance and Sympathetic Activity by MC4R Signaling in the Lateral Hypothalamus. Diabetes, 2015, 64, 1976-1987.	0.6	62
16	CFTR Influences Beta Cell Function and Insulin Secretion Through Non-Cell Autonomous Exocrine-Derived Factors. Endocrinology, 2017, 158, 3325-3338.	2.8	59
17	Exposure to Static Magnetic and Electric Fields Treats Type 2 Diabetes. Cell Metabolism, 2020, 32, 561-574.e7.	16.2	55
18	Impaired skeletal muscle mitochondrial pyruvate uptake rewires glucose metabolism to drive whole-body leanness. ELife, 2019, 8, .	6.0	54

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19	Analysis of gene expression in pathophysiological states: Balancing false discovery and false negative rates. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 649-653.	7.1	52
20	Very long chain n-3 and n-6 polyunsaturated fatty acids bind strongly to liver fatty acid-binding protein. Journal of Lipid Research, 2002, 43, 646-653.	4.2	42
21	Programming of growth, insulin resistance and vascular dysfunction in offspring of late gestation diabetic rats. Clinical Science, 2009, 117, 129-138.	4.3	39
22	Sex-specific programming of hypertension in offspring of late-gestation diabetic rats. Pediatric Research, 2012, 72, 352-361.	2.3	39
23	Fatty Acid-Binding Proteins Inhibit Hydration of Epoxyeicosatrienoic Acids by Soluble Epoxide Hydrolaseâ€. Biochemistry, 2003, 42, 11762-11767.	2.5	37
24	A Transient Metabolic Recovery from Early Life Glucose Intolerance in Cystic Fibrosis Ferrets Occurs During Pancreatic Remodeling. Endocrinology, 2016, 157, 1852-1865.	2.8	37
25	A tale of two pancreases: exocrine pathology and endocrine dysfunction. Diabetologia, 2020, 63, 2030-2039.	6.3	36
26	Survival in a bad neighborhood: pancreatic islets in cystic fibrosis. Journal of Endocrinology, 2019, 241, R35-R50.	2.6	33
27	Hyperglycemia induces embryopathy, even in the absence of systemic maternal diabetes: An in vivo test of the fuel mediated teratogenesis hypothesis. Reproductive Toxicology, 2014, 46, 129-136.	2.9	32
28	Maternal Hyperglycemia Directly and Rapidly Induces Cardiac Septal Overgrowth in Fetal Rats. Journal of Diabetes Research, 2015, 2015, 1-11.	2.3	29
29	Conformationally Defined 6-s-trans-Retinoic Acid Analogs. 3. Structureâ^'Activity Relationships for Nuclear Receptor Binding, Transcriptional Activity, and Cancer Chemopreventive Activity. Journal of Medicinal Chemistry, 1996, 39, 3625-3635.	6.4	22
30	Peroxisome Proliferator-Activated Receptor Î³ Decouples Fatty Acid Uptake from Lipid Inhibition of Insulin Signaling in Skeletal Muscle. Molecular Endocrinology, 2012, 26, 977-988.	3.7	21
31	The Isolation and Characterization of Purified Heterocomplexes of Recombinant Retinoic Acid Receptor and Retinoid X Receptor Ligand Binding Domainsâ€. Biochemistry, 1997, 36, 5669-5676.	2.5	20
32	Pancreatic and Islet Remodeling in Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Knockout Ferrets. American Journal of Pathology, 2018, 188, 876-890.	3.8	20
33	Conformationally Defined 6-s-trans-Retinoic Acid Analogs. 2. Selective Agonists for Nuclear Receptor Binding and Transcriptional Activity. Journal of Medicinal Chemistry, 1995, 38, 2302-2310.	6.4	19
34	Small molecule SWELL1 complex induction improves glycemic control and nonalcoholic fatty liver disease in murine Type 2 diabetes. Nature Communications, 2022, 13, 784.	12.8	19
35	Nuclear Magnetic Resonance Studies Demonstrate Differences in the Interaction of Retinoic Acid with Two Highly Homologous Cellular Retinoic Acid Binding Proteins. Biochemistry, 1995, 34, 15564-15573.	2.5	14
36	Effect of Insulin and Dexamethasone on Fetal Assimilation of Maternal Glucose. Endocrinology, 2011, 152, 255-262.	2.8	14

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37	Nervous System Expression of PPARÎ³ and Mutant PPARÎ³ Has Profound Effects on Metabolic Regulation and Brain Development. Endocrinology, 2016, 157, 4266-4275.	2.8	14
38	Fluorometric Titration of the CRABPs. , 1998, 89, 123-139.		13
39	Endogenous Peroxisome Proliferator-Activated Receptor-Î³ Augments Fatty Acid Uptake in Oxidative Muscle. Endocrinology, 2008, 149, 5374-5383.	2.8	12
40	Fetal hyperglycemia acutely induces persistent insulin resistance in skeletal muscle. Journal of Endocrinology, 2019, 242, M1-M15.	2.6	12
41	A Second Chance for a PPARÎ³ Targeted Therapy?. Circulation Research, 2012, 110, 8-11.	4.5	10
42	Development of a polarized pancreatic ductular cell epithelium for physiological studies. Journal of Applied Physiology, 2018, 125, 97-106.	2.5	10
43	Localized Fetomaternal Hyperglycemia: Spatial and Kinetic Definition by Positron Emission Tomography. PLoS ONE, 2010, 5, e12027.	2.5	9
44	Angiotensin IIâ€“induced cardiovascular load regulates cardiac remodeling and related gene expression in late-gestation fetal sheep. Pediatric Research, 2014, 75, 689-696.	2.3	8
45	Sympathetic Inhibition After Bariatric Surgery. Hypertension, 2014, 64, 235-236.	2.7	8
46	Is Cystic Fibrosisâ€“related Diabetes Reversible? New Data on CFTR Potentiation and Insulin Secretion. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 261-263.	5.6	8
47	Polyunsaturated fatty acid composition and childhood adversity: Independent correlates of depressive symptom persistence. Psychiatry Research, 2017, 256, 305-311.	3.3	6
48	Lack of CFTR alters the ferret pancreatic ductal epithelial secretome and cellular proteome: Implications for exocrine/endocrine signaling. Journal of Cystic Fibrosis, 2022, 21, 172-180.	0.7	6
49	Quantifying Insulin Sensitivity and Entero-Insular Responsiveness to Hyper- and Hypoglycemia in Ferrets. PLoS ONE, 2014, 9, e90519.	2.5	5
50	Complications and Comorbidities of Type 2 Diabetes. Pediatric Annals, 2005, 34, 710-718.	0.8	5
51	PET/CT imaging reveals unrivaled placental avidity for glucose compared to other tissues. Placenta, 2015, 36, 115-120.	1.5	4
52	Oxidative stress and impaired insulin secretion in cystic fibrosis pig pancreas. Advances in Redox Research, 2022, 5, 100040.	2.1	4
53	A Novel Stomach-Pancreas Connection: More than Physical. EBioMedicine, 2018, 37, 25-26.	6.1	2
54	Incretin dysfunction and hyperglycemia in cystic fibrosis: Role of acyl-ghrelin. Journal of Cystic Fibrosis, 2019, 18, 557-565.	0.7	2

#	Article	IF	Citations
55	[1] Generation and characterization of cellular retinoic acid-binding proteins from Escherichia coli expression systems. Methods in Enzymology, 1997, 282, 3-13.	1.0	1
56	Acute pancreatitis-induced islet dysfunction in ferrets. Pancreatology, 2021, 21, 839-847.	1.1	1
57	Avoiding Nocturnal Hypoglycemia: Consideration of an Extra Injection at Bedtime. Annals of Internal Medicine, 2002, 136, 547.	3.9	1
58	Modifying a high saturated fat diet with omegaâ€ɜ (nâ€ɜ) polyâ€unsaturated fat improves vascular dysfunction and glucose intolerance. FASEB Journal, 2012, 26, 686.13.	0.5	0
59	Diabetes Device Downloading: Benefits and Barriers Among Youth With Type 1 Diabetes. Journal of Diabetes Science and Technology, 2023, 17, 381-389.	2.2	0