Mark A Yorek

List of Publications by Year
in descending order

150 papers	10,362 citations	61984 43 h-index	34986 98 g-index
150 all docs	150 docs citations	150 times ranked	10560 citing authors

#	Article	IF	Citations
1	Treatment for Diabetic Peripheral Neuropathy: What have we Learned from Animal Models?. Current Diabetes Reviews, 2022, 18, .	1.3	9
2	Translating a treatment for diabetic peripheral neuropathy from rodents to humans: can a case be made for fish oil and salsalate?. , 2022, , 337-348.		0
3	Biology of Activating Transcription Factor 4 (ATF4) and Its Role in Skeletal Muscle Atrophy. Journal of Nutrition, 2022, 152, 926-938.	2.9	20
4	Interaction between magnesium and methylglyoxal in diabetic polyneuropathy and neuronal models. Molecular Metabolism, 2021, 43, 101114.	6.5	7
5	Effect of mitoquinone on liver metabolism and steatosis in obese and diabetic rats. Pharmacology Research and Perspectives, 2021, 9, e00701.	2.4	7
6	Characterization of Mice Ubiquitously Overexpressing Human 15-Lipoxygenase-1: Effect of Diabetes on Peripheral Neuropathy and Treatment with Menhaden Oil. Journal of Diabetes Research, 2021, 2021, 1-11.	2.3	5
7	Introducing Our New Chief Editor. Journal of Diabetes Research, 2020, 2020, 1-2.	2.3	0
8	Insulin Treatment Attenuates Small Nerve Fiber Damage in Rat Model of Type 2 Diabetes. Journal of Diabetes Research, 2020, 2020, 1-13.	2.3	1
9	Progressive Loss of Corneal Nerve Fibers and Sensitivity in Rats Modeling Obesity and Type 2 Diabetes Is Reversible with Omega-3 Fatty Acid Intervention: Supporting Cornea Analyses as a Marker for Peripheral Neuropathy and Treatment . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 1367-1384.	2.4	21
10	Effect of mitoquinone (Mito-Q) on neuropathic endpoints in an obese and type 2 diabetic rat model. Free Radical Research, 2020, 54, 311-318.	3.3	19
11	124-OR: Progressive Loss of Corneal Nerve Fibers and Sensitivity with Duration of Obesity Type 2 Diabetes in Sprague-Dawley Rats: Valid Marker for Peripheral Neuropathy and Treatment. Diabetes, 2020, 69, .	0.6	0
12	Effect of Early and Late Interventions with Dietary Oils on Vascular and Neural Complications in a Type 2 Diabetic Rat Model. Journal of Diabetes Research, 2019, 2019, 1-12.	2.3	12
13	Determination of peripheral neuropathy in highâ€fat diet fed lowâ€dose streptozotocinâ€treated female C57Bl/6J mice and Spragueâ€"Dawley rats. Journal of Diabetes Investigation, 2018, 9, 1033-1040.	2.4	28
14	Diabetic Neuropathy: New Insights to Early Diagnosis and Treatments. Journal of Diabetes Research, 2018, 2018, 1-3.	2.3	11
15	Vascular and Neural Complications in Type 2 Diabetic Rats: Improvement by Sacubitril/Valsartan Greater Than Valsartan Alone. Diabetes, 2018, 67, 1616-1626.	0.6	24
16	Effect of dietary oils on peripheral neuropathy-related endpoints in dietary obese rats. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2018, Volume 11, 117-127.	2.4	21
17	Effect of Dietary Content of Menhaden Oil with or without Salsalate on Neuropathic Endpoints in High-Fat-Fed/Low-Dose Streptozotocin-Treated Sprague Dawley Rats. Journal of Diabetes Research, 2018, 2018, 1-9.	2.3	14
18	The Potential Role of Fatty Acids in Treating Diabetic Neuropathy. Current Diabetes Reports, 2018, 18, 86.	4.2	20

#	Article	IF	Citations
19	Dietary fats modify vascular fat composition, <scp>eNOS</scp> localization within lipid rafts and vascular function in obesity. Physiological Reports, 2018, 6, e13820.	1.7	5
20	Is Fish Oil a Potential Treatment for Diabetic Peripheral Neuropathy?. Current Diabetes Reviews, 2018, 14, 339-349.	1.3	14
21	Effect of Sacubitril/Valsartan vs. Valsartan on Vascular and Neural Complications in Type 2 Diabetic Rats. Diabetes, 2018, 67, .	0.6	0
22	Pyruvate kinase M2 activation may protect against the progression of diabetic glomerular pathology and mitochondrial dysfunction. Nature Medicine, 2017, 23, 753-762.	30.7	337
23	Impaired Corneal Sensation and Nerve Loss in a Type 2 Rat Model of Chronic Diabetes Is Reversible With Combination Therapy of Menhaden Oil, Î±-Lipoic Acid, and Enalapril. Cornea, 2017, 36, 725-731.	1.7	28
24	Effect of tempol on peripheral neuropathy in diet-induced obese and high-fat fed/low-dose streptozotocin-treated C57Bl6/J mice. Free Radical Research, 2017, 51, 360-367.	3.3	20
25	Early vs. late intervention of high fat/low dose streptozotocin treated C57Bl/6J mice with enalapril, Î±-lipoic acid, menhaden oil or their combination: Effect on diabetic neuropathy related endpoints. Neuropharmacology, 2017, 116, 122-131.	4.1	25
26	Effect of Fish oil Vs. Resolvin D1, E1, Methyl Esters of Resolvins D1 or D2 on Diabetic Peripheral Neuropathy. Journal of Neurology & Neurophysiology, 2017, 08, .	0.1	17
27	Corneal Sensitivity to Hyperosmolar Eye Drops: A Novel Behavioral Assay to Assess Diabetic Peripheral Neuropathy. , 2016, 57, 2412.		14
28	Effect of Treatment with Salsalate, Menhaden Oil, Combination of Salsalate and Menhaden Oil, or Resolvin D1 of C57Bl/6J Type 1 Diabetic Mouse on Neuropathic Endpoints. Journal of Nutrition and Metabolism, 2016, 2016, 1-11.	1.8	20
29	Alternatives to the Streptozotocin-Diabetic Rodent. International Review of Neurobiology, 2016, 127, 89-112.	2.0	40
30	Effect of Inhibition or Deletion of Neutral Endopeptidase on Neuropathic Endpoints in High Fat Fed/Low Dose Streptozotocin-Treated Mice. Journal of Neuropathology and Experimental Neurology, 2016, 75, 1072-1080.	1.7	6
31	Nicotinamide Riboside Opposes Type 2 Diabetes and Neuropathy in Mice. Scientific Reports, 2016, 6, 26933.	3.3	234
32	Effect of dietâ€induced obesity or type 1 or type 2 diabetes on corneal nerves and peripheral neuropathy in <scp>C57Bl</scp>/<scp>6J</scp> mice. Journal of the Peripheral Nervous System, 2015, 20, 24-31.	3.1	54
33	Vascular Impairment of Epineurial Arterioles of the Sciatic Nerve: Implications for Diabetic Peripheral Neuropathy. Review of Diabetic Studies, 2015, 12, 13-28.	1.3	24
34	Rat Models of Diet-Induced Obesity and High Fat/Low Dose Streptozotocin Type 2 Diabetes: Effect of Reversal of High Fat Diet Compared to Treatment with Enalapril or Menhaden Oil on Glucose Utilization and Neuropathic Endpoints. Journal of Diabetes Research, 2015, 2015, 1-8.	2.3	44
35	Effect of enriching the diet with menhaden oil or daily treatment with resolvin D1 on neuropathy in a mouse model of type 2 diabetes. Journal of Neurophysiology, 2015, 114, 199-208.	1.8	74
36	Combination Therapies Prevent the Neuropathic, Proinflammatory Characteristics of Bone Marrow in Streptozotocin-Induced Diabetic Rats. Diabetes, 2015, 64, 643-653.	0.6	24

#	Article	IF	Citations
37	Effect of combination therapy consisting of enalapril, Î±-lipoic acid, and menhaden oil on diabetic neuropathy in a high fat/low dose streptozotocin treated rat. European Journal of Pharmacology, 2015, 765, 258-267.	3.5	31
38	Role of Peroxynitrite in the Development of Diabetic Peripheral Neuropathy. Diabetes Care, 2015, 38, e100-e101.	8.6	12
39	Enriching the diet with menhaden oil improves peripheral neuropathy in streptozotocin-induced type 1 diabetic rats. Journal of Neurophysiology, 2015, 113, 701-708.	1.8	31
40	Differences and Similarities in Development of Corneal Nerve Damage and Peripheral Neuropathy and in Diet-Induced Obesity and Type 2 Diabetic Rats. , 2014, 55, 1222.		68
41	Oxidative Stress and Diabetes-Induced Vascular Dysfunction: Role in Diabetic Neuropathy. Oxidative Stress in Applied Basic Research and Clinical Practice, 2014, , 1-12.	0.4	0
42	Effect of glycemic control on corneal nerves and peripheral neuropathy in streptozotocinâ€induced diabetic <scp>C57Bl</scp>/<scp>6J</scp> mice. Journal of the Peripheral Nervous System, 2014, 19, 205-217.	3.1	41
43	Characterization of Diabetic Neuropathy in the Zucker Diabetic Sprague-Dawley Rat: A New Animal Model for Type 2 Diabetes. Journal of Diabetes Research, 2014, 2014, 1-7.	2.3	24
44	Peroxynitrite and protein nitration in the pathogenesis of diabetic peripheral neuropathy. Diabetes/Metabolism Research and Reviews, 2014, 30, 669-678.	4.0	67
45	Phenotyping animal models of diabetic neuropathy: a consensus statement of the diabetic neuropathy study group of the <scp>EASD</scp> (Neurodiab). Journal of the Peripheral Nervous System, 2014, 19, 77-87.	3.1	138
46	Modification of high saturated fat diet with nâ€3 polyunsaturated fat improves glucose intolerance and vascular dysfunction. Diabetes, Obesity and Metabolism, 2013, 15, 144-152.	4.4	46
47	Na⁺/H⁺ exchanger 1 inhibition reverses manifestation of peripheral diabetic neuropathy in type 1 diabetic rats. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E396-E404.	3.5	19
48	12/15-Lipoxygenase inhibition counteracts MAPK phosphorylation in mouse and cell culture models of diabetic peripheral neuropathy. Journal of Diabetes Mellitus, 2013, 03, 101-110.	0.3	16
49	Early Loss of Innervation of Cornea Epithelium in Streptozotocin-Induced Type 1 Diabetic Rats: Improvement with Ilepatril Treatment. , 2012, 53, 8067.		56
50	Partial Replacement with Menhaden Oil Improves Peripheral Neuropathy in High-Fat-Fed Low-Dose Streptozotocin Type 2 Diabetic Rat. Journal of Nutrition and Metabolism, 2012, 2012, 1-8.	1.8	34
51	Bioenergetic Effects of Mitochondrial-Targeted Coenzyme Q Analogs in Endothelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 709-719.	2.5	52
52	Effect of Inhibition of Angiotensin-Converting Enzyme and/or Neutral Endopeptidase on Neuropathy in High-Fat-Fed C57Bl/6J Mice. Journal of Obesity, 2012, 2012, 1-10.	2.7	17
53	Changes in Corneal Innervation and Sensitivity and Acetylcholine-Mediated Vascular Relaxation of the Posterior Ciliary Artery in a Type 2 Diabetic Rat. , 2012, 53, 1182.		50
54	Effect of inhibition of angiotensin converting enzyme and/or neutral endopeptidase on vascular and neural complications in high fat fed/low dose streptozotocin-diabetic rats. European Journal of Pharmacology, 2012, 677, 180-187.	3.5	41

#	Article	IF	Citations
55	Modifying a high saturated fat diet with omegaâ€3 (nâ€3) polyâ€unsaturated fat improves vascular dysfunction and glucose intolerance. FASEB Journal, 2012, 26, 686.13.	0.5	0
56	Modifying a high fat diet with monoâ€and polyâ€unsaturated fats improves coronary dysfunction. FASEB Journal, 2012, 26, 1055.7.	0.5	0
57	Vasopeptidase inhibitor ilepatril (AVE7688) prevents obesity- and diabetes-induced neuropathy in C57Bl/6J mice. Neuropharmacology, 2011, 60, 259-266.	4.1	25
58	Effect of Treatment of Sprague Dawley Rats with AVE7688, Enalapril, or Candoxatril on Diet-Induced Obesity. Journal of Obesity, 2011, 2011, 1-9.	2.7	28
59	Role of the effect of inhibition of neutral endopeptidase on vascular and neural complications in streptozotocin-induced diabetic rats. European Journal of Pharmacology, 2011, 650, 556-562.	3.5	26
60	Effect of treatment of high fat fed/low dose streptozotocin-diabetic rats with Ilepatril on vascular and neural complications. European Journal of Pharmacology, 2011, 668, 497-506.	3.5	54
61	Treatment of diabetic neuropathy with baicalein: Intervention at multiple sites. Experimental Neurology, 2011, 232, 105-109.	4.1	9
62	Treatment of Streptozotocin-Induced Diabetic Rats with Alogliptin: Effect on Vascular and Neural Complications. Experimental Diabetes Research, 2011, 2011, 1-7.	3.8	29
63	Mitochondrial superoxide and coenzyme Q in insulin-deficient rats: increased electron leak. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1616-R1624.	1.8	14
64	Dietâ€induced obesity in Spragueâ€"Dawley rats causes microvascular and neural dysfunction. Diabetes/Metabolism Research and Reviews, 2010, 26, 306-318.	4.0	70
65	Mitochondrial Dysfunction in Diabetes: From Molecular Mechanisms to Functional Significance and Therapeutic Opportunities. Antioxidants and Redox Signaling, 2010, 12, 537-577.	5.4	600
66	The Roles of Streptozotocin Neurotoxicity and Neutral Endopeptidase in Murine Experimental Diabetic Neuropathy. Experimental Diabetes Research, 2009, 2009, 1-9.	3.8	65
67	Vascular and Neural Dysfunctions in Obese Zucker Rats: Effect of AVE7688. Experimental Diabetes Research, 2009, 2009, 1-8.	3.8	15
68	Treatment of Zucker diabetic fatty rats with AVE7688 improves vascular and neural dysfunction. Diabetes, Obesity and Metabolism, 2009, 11, 223-233.	4.4	47
69	Vascular and neural dysfunction in Zucker diabetic fatty rats: a difficult condition to reverse. Diabetes, Obesity and Metabolism, 2008, 10, 64-74.	4.4	51
70	Attenuation of Vascular/Neural Dysfunction in Zucker Rats Treated With Enalapril or Rosuvastatin. Obesity, 2008, 16, 82-89.	3.0	57
71	Treatment of cardiovascular dysfunction associated with the metabolic syndrome and type 2 diabetes. Vascular Pharmacology, 2008, 48, 47-53.	2.1	22
72	Impaired responsiveness of renal sensory nerves in streptozotocin-treated rats and obese Zucker diabetic fatty rats: role of angiotensin. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R858-R866.	1.8	17

#	Article	IF	Citations
73	The Potential Role of Angiotensin Converting Enzyme and Vasopeptidase Inhibitors in the Treatment of Diabetic Neuropathy. Current Drug Targets, 2008, 9, 77-84.	2.1	37
74	Coronary and Mesenteric Vascular Dysfunction in High Fat Fed Rats. FASEB Journal, 2008, 22, 1226.20.	0.5	0
75	Treatment of Streptozotocin-Induced Diabetic Rats With AVE7688, a Vasopeptidase Inhibitor. Diabetes, 2007, 56, 355-362.	0.6	39
76	Role of nitrosative stress in early neuropathy and vascular dysfunction in streptozotocin-diabetic rats. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1645-E1655.	3.5	107
77	Statin or ACE Inhibitor Improve Vascular Dysfunction in Zucker Obese and ZDF Rats. FASEB Journal, 2007, 21, A1196.	0.5	0
78	Bile-Pancreatic Juice Exclusion Promotes Akt/NF-Î°B Activation and Chemokine Production in Ligation-Induced Acute Pancreatitis. Journal of Gastrointestinal Surgery, 2006, 10, 950-959.	1.7	15
79	Activity and expression of the vanilloid receptor 1 (TRPV1) is altered by long-term diabetes in epineurial arterioles of the rat sciatic nerve. Diabetes/Metabolism Research and Reviews, 2006, 22, 211-219.	4.0	20
80	Progression of coronary and mesenteric vascular dysfunction in Zucker obese and Zucker diabetic fatty rats. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1780-H1787.	3.2	118
81	Poly(ADP-Ribose) Polymerase Inhibition Alleviates Experimental Diabetic Sensory Neuropathy. Diabetes, 2006, 55, 1686-1694.	0.6	137
82	ACE Inhibitor or Angiotensin II Receptor Antagonist Attenuates Diabetic Neuropathy in Streptozotocin-Induced Diabetic Rats. Diabetes, 2006, 55, 341-348.	0.6	110
83	Poly(ADPâ€ribose)polymeraseâ€1 (PARP) activation and diabetic neuropathic pain. FASEB Journal, 2006, 20, A777.	0.5	0
84	Statins and ACE Inhibitors Improve Vascular Dysfunction in Zucker Obese Rats. FASEB Journal, 2006, 20, A1171.	0.5	0
85	Progression of vascular and neural dysfunction in sciatic nerves of Zucker diabetic fatty and Zucker rats. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E113-E122.	3.5	109
86	Aldose Reductase Inhibition Counteracts Oxidative-Nitrosative Stress and Poly(ADP-Ribose) Polymerase Activation in Tissue Sites for Diabetes Complications. Diabetes, 2005, 54, 234-242.	0.6	165
87	Oxidative-Nitrosative Stress and Poly(ADP-Ribose) Polymerase (PARP) Activation in Experimental Diabetic Neuropathy: The Relation Is Revisited. Diabetes, 2005, 54, 3435-3441.	0.6	201
88	Effect of Fidarestat andÎ±-Lipoic Acid on Diabetes-Induced Epineurial Arteriole Vascular Dysfunction. Experimental Diabesity Research, 2004, 5, 123-135.	1.0	26
89	Sensory Nerve Innervation of Epineurial Arterioles of the Sciatic Nerve Containing Calcitonin Geneâ€"Related Peptide: Effect of Streptozotocin-Induced Diabetes. Experimental Diabesity Research, 2004, 5, 187-193.	1.0	50
90	Bile-pancreatic juice (BPJ) exclusion exacerbates Akt/NF-kB pathway activation and increases chemokine production in ligation-induced acute pancreatitis. Journal of the American College of Surgeons, 2004, 199, 22.	0.5	0

#	Article	IF	Citations
91	CCK-A receptor induction and P38MAPK and NF-Î°B activation in acute pancreatitis. Pancreatology, 2004, 4, 49-56.	1.1	16
92	The Role of Oxidative Stress in Diabetic Vascular and Neural Disease. Free Radical Research, 2003, 37, 471-480.	3.3	186
93	Akt-NFkB pathway is activated in duct ligation-induced acute pancreatitis in rats. Gastroenterology, 2003, 124, A502.	1.3	4
94	Preventing Superoxide Formation in Epineurial Arterioles of the Sciatic Nerve from Diabetic Rats Restores Endothelium-dependent Vasodilation. Free Radical Research, 2003, 37, 33-40.	3.3	74
95	Mediation of Vascular Relaxation in Epineurial Arterioles of the Sciatic Nerve: Effect of Diabetes in Type 1 and Type 2 Diabetic Rat Models. Endothelium: Journal of Endothelial Cell Research, 2003, 10, 89-94.	1.7	29
96	Effect of treatment of diabetic rats with dehydroepiandrosterone on vascular and neural function. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E1067-E1075.	3.5	70
97	Effect of increased concentration of D-glucose or L-fucose on monocyte adhesion to endothelial cell monolayers and activation of nuclear factor-[kappa]B. Metabolism: Clinical and Experimental, 2002, 51, 225-234.	3.4	30
98	Effect of Treating Streptozotocin-Induced Diabetic Rats With Sorbinil, Myo-Inositol or Aminoguanidine on Endoneurial Blood Flow, Motor Nerve Conduction Velocity and Vascular Function of Epineurial Arterioles of the Sciatic Nerve. International Journal of Experimental Diabetes Research, 2002, 3, 21-36.	1.1	56
99	Changes in endoneurial blood flow, motor nerve conduction velocity and vascular relaxation of epineurial arterioles of the sciatic nerve in ZDF-obese diabetic rats. Diabetes/Metabolism Research and Reviews, 2002, 18, 49-56.	4.0	81
100	Effect of Antioxidant Treatment of Streptozotocin-Induced Diabetic Rats on Endoneurial Blood Flow, Motor Nerve Conduction Velocity, and Vascular Reactivity of Epineurial Arterioles of the Sciatic Nerve. Diabetes, 2001, 50, 1927-1937.	0.6	285
101	Activation of Nuclear Factor-Î°B in C6 Rat Glioma Cells After Transfection with Glia Maturation Factor. Journal of Neurochemistry, 2001, 74, 596-602.	3.9	36
102	Effects of glia maturation factor overexpression in primary astrocytes on MAP kinase activation, transcription factor activation, and neurotrophin secretion. Neurochemical Research, 2001, 26, 1293-1299.	3.3	63
103	Effect of M40403 treatment of diabetic rats on endoneurial blood flow, motor nerve conduction velocity and vascular function of epineurial arterioles of the sciatic nerve. British Journal of Pharmacology, 2001, 134, 21-29.	5.4	85
104	Normalizing mitochondrial superoxide production blocks three pathways of hyperglycaemic damage. Nature, 2000, 404, 787-790.	27.8	3,895
105	A comparison of diabetic polyneuropathy in Type II diabetic BBZDR/Wor rats and in Type I diabetic BB/Wor rats. Diabetologia, 2000, 43, 786-793.	6.3	118
106	Slowing of Motor Nerve Conduction Velocity in Streptozotocin-induced Diabetic Rats is Preceded by Impaired Vasodilation in Arterioles that Overlie the Sciatic Nerve. International Journal of Experimental Diabetes Research, 2000, 1, 131-143.	1.1	127
107	Normalization of hyperosmotic-induced inositol uptake by renal and endothelial cells is regulated by NF-Î°B. American Journal of Physiology - Cell Physiology, 2000, 278, C1011-C1018.	4.6	11
108	Wortmannin and LY294002 inhibit myo-inositol accumulation by cultured bovine aorta endothelial cells and murine 3T3-L1 adipocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2000, 1497, 328-340.	4.1	3

#	Article	IF	Citations
109	Osmotic regulation of the Na+/myo-inositol cotransporter and postinduction normalization. Kidney International, 1999, 55, 215-224.	5.2	10
110	Effect of protein kinase C and phospholipase A2 inhibitors on the impaired ability of human diabetic platelets to cause vasodilation. British Journal of Pharmacology, 1999, 127, 903-908.	5.4	5
111	Acetylcholine-induced arteriolar dilation is reduced in streptozotocin-induced diabetic rats with motor nerve dysfunction. British Journal of Pharmacology, 1999, 128, 837-843.	5.4	56
112	Abnormal myo-inositol and phospholipid metabolism in cultured fibroblasts from patients with ataxia telangiectasia. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 1999, 1437, 287-300.	2.4	12
113	Endothelin-Stimulated Ca2+Mobilization by 3T3-L1 Adipocytes Is Suppressed by Tumor Necrosis Factor-Î±. Archives of Biochemistry and Biophysics, 1999, 361, 241-251.	3.0	13
114	Opposing effects of tumour necrosis factor Î± and hyperosmolarity on Na+/myo-inositol co-transporter mRNA levels and myo-inositol accumulation by 3T3-L1 adipocytes. Biochemical Journal, 1998, 336, 317-325.	3.7	11
115	Effect of TNF-Î± on SMIT mRNA levels and<i>myo</i>-inositol accumulation in cultured endothelial cells. American Journal of Physiology - Cell Physiology, 1998, 274, C58-C71.	4.6	34
116	Effect of l-fucose and d-glucose concentration on l-fucoprotein metabolism in human Hep G2 cells and changes in fucosyltransferase and Î±-l-fucosidase activity in liver of diabetic rats. Biochimica Et Biophysica Acta - General Subjects, 1997, 1335, 61-72.	2.4	38
117	Reduced adenosine triphosphatase activity and motor nerve conduction velocity in l-fucose-fed rats is reversible after dietary normalization. Metabolism: Clinical and Experimental, 1996, 45, 229-234.	3.4	9
118	Localization and regulation of renal Na+/myo-inositol cotransporter in diabetic rats. Kidney International, 1996, 50, 1202-1211.	5.2	25
119	L-fucose reduces collagen and noncollagen protein production in cultured cerebral microvessel endothelial cells. Journal of Cellular Physiology, 1995, 165, 658-666.	4.1	3
120	Regulation of growth factor mRNA levels in the eyes of diabetic rats. Metabolism: Clinical and Experimental, 1995, 44, 1038-1045.	3.4	31
121	Reduced Na+/K+ ATPase transport activity, resting membrane potential, and bradykinin-stimulated phosphatidylinositol synthesis by polyol accumulation in cultured neuroblastoma cells. Neurochemical Research, 1994, 19, 321-329.	3.3	7
122	Elevated Levels of Glucose and Lâ€Fucose Reduce ²²Na⁺ Uptake and Whole Cell Na⁺ Current in Cultured Neuroblastoma Cells. Journal of Neurochemistry, 1994, 62, 63-69.	3.9	6
123	Decreased <i>myo</i>â€Inositol Uptake Is Associated with Reduced Bradykininâ€Stimulated Phosphatidylinositol Synthesis and Diacylglycerol Content in Cultured Neuroblastoma Cells Exposed to Lâ€Fucose. Journal of Neurochemistry, 1994, 62, 147-158.	3.9	15
124	Reversal of hyperglycemic-induced defects in myo-inositol metabolism and pump activity in cultured neuroblastoma cells by normalizing glucose levels. Metabolism: Clinical and Experimental, 1993, 42, 1180-1189.	3.4	7
125	Effect of bradykinin on cytosolic calcium in neuroblastoma cells using the fluorescent indicator fluo-3. Biochimica Et Biophysica Acta - Molecular Cell Research, 1993, 1177, 215-220.	4.1	4
126	Reduced Motor Nerve Conduction Velocity and Na+-K+-ATPase Activity in Rats Maintained on L-Fucose Diet: Reversal by <i>myo</i>-Inositol Supplementation. Diabetes, 1993, 42, 1401-1406.	0.6	55

#	Article	IF	Citations
127	Increased Glucose Concentration Inhibits <i>Myo</i>â€inositol Metabolism by Two Different Mechanisms in Cultured Mammalian Cells. Diabetic Medicine, 1993, 10, 21S-26S.	2.3	0
128	L-Fucose Is a Potent Inhibitor of myo-Inositol Transport and Metabolism in Cultured Neuroblastoma Cells. Journal of Neurochemistry, 1992, 58, 1626-1636.	3.9	24
129	Effect of L-fucose on proliferation andmyo-inositol metabolism in cultured cerebral microvessel and aortic endothelial cells. Journal of Cellular Physiology, 1992, 153, 321-331.	4.1	12
130	Resting membrane potential in 41A3 mouse neuroblastoma cells. Effect of increased glucose and galactose concentrations. Biochimica Et Biophysica Acta - Biomembranes, 1991, 1061, 1-8.	2.6	11
131	Acute and chronic exposure of mouse cerebral microvessel endothelial cells to increased concentrations of glucose and galactose: Effect on myo-inositol metabolism, PGE2 synthesis, and transport activity. Metabolism: Clinical and Experimental, 1991, 40, 347-358.	3.4	18
132	Hemicholinium-3 derivatives A-4 and A-5 affect choline and acetylcholine metabolism. European Journal of Pharmacology, 1991, 206, 105-112.	2.6	2
133	Effect of Fructose Supplementation on Sorbitol Accumulation and myolnositol Metabolism in Cultured Neuroblastoma Cells Exposed to Increased Glucose Concentrations. Journal of Neurochemistry, 1990, 55, 1366-1378.	3.9	1
134	The effect of elevated glucose levels on myo-inositol metabolism in cultured bovine aortic endothelial cells. Metabolism: Clinical and Experimental, 1989, 38, 16-22.	3.4	49
135	Ethanolamine and choline transport in cultured bovine aortic endothelial cells. Journal of Cellular Physiology, 1988, 137, 571-576.	4.1	24
136	Effect of Sorbinil on myo-Inositol Metabolism in Cultured Neuroblastoma Cells Exposed to Increased Glucose Levels. Journal of Neurochemistry, 1988, 51, 331-338.	3.9	35
137	Effect of Increased Glucose Levels on Na+/K+-Pump Activity in Cultured Neuroblastoma Cells. Journal of Neurochemistry, 1988, 51, 605-610.	3.9	31
138	Synthesis and High Affinity Uptake of Serotonin and Dopamine by Human Y79 Retinoblastoma Cells. Journal of Neurochemistry, 1987, 49, 1316-1323.	3.9	17
139	myo-Inositol Metabolism in 41 A3 Neuroblastoma Cells: Effects of High Glucose and Sorbitol Levels. Journal of Neurochemistry, 1987, 48, 53-61.	3.9	61
140	Myoinositol uptake by four cultured mammalian cell lines. Archives of Biochemistry and Biophysics, 1986, 246, 801-807.	3.0	61
141	Processing of Insulin-Like Growth Factors I and II by Capillary and Large Vessel Endothelial Cells*. Endocrinology, 1986, 118, 1072-1080.	2.8	48
142	Characterization of an Insulin Receptor in Human Y79 Retinoblastoma Cells. Journal of Neurochemistry, 1985, 45, 1590-1595.	3.9	16
143	Effect of Membrane Polyunsaturation on Carrier-Mediated Transport in Cultured Retinoblastoma Cells: Alterations in Taurine Uptake. Journal of Neurochemistry, 1984, 42, 254-261.	3.9	76
144	Comparative utilization of n-3 polyunsaturated fatty acids by cultured human Y-79 retinoblastoma cells. Lipids and Lipid Metabolism, 1984, 795, 277-285.	2.6	67

#	Article	IF	Citations
145	Glycine Release from Y79 Retinoblastoma Cells. Journal of Neurochemistry, 1983, 41, 809-815.	3.9	14
146	Glycine Uptake by Cultured Human Y79 Retinoblastoma Cells: Effect of Changes in Phospholipid Fatty Acid Unsaturation. Journal of Neurochemistry, 1983, 40, 70-78.	3.9	33
147	The influences of glucagon, epinephrine and adrenergic agents on glycogen phosphorylase a and pyruvate kinase activities in hepatocytes from juvenile and adult rabbits. Biochimica Et Biophysica Acta - General Subjects, 1982, 717, 143-148.	2.4	6
148	Gluconeogenesis in rabbit liver. Biochimica Et Biophysica Acta - General Subjects, 1981, 675, 309-315.	2.4	7
149	The influences of glucagon, epinephrine and Î±- and Î²-adrenergic agents of glycogenolysis in isolated rabbit hepatocytes and perfused livers. Biochimica Et Biophysica Acta - General Subjects, 1981, 674, 297-305.	2.4	15
150	Gluconeogenesis in rabbit liver III. The influences of glucagon, epinephrine, Î±- and Î²-adrenergic agents on gluconeogenesis in isolated hepatocytes. Biochimica Et Biophysica Acta - General Subjects, 1980, 632, 517-526.	2.4	19