

Nimesh Mody

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,916
citations

279487

23
h-index

315357

38
g-index

41
all docs

41
docs citations

41
times ranked

5760
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum retinol binding protein 4 contributes to insulin resistance in obesity and type 2 diabetes. <i>Nature</i> , 2005, 436, 356-362.	13.7	1,809
2	The Adipokine Lipocalin 2 Is Regulated by Obesity and Promotes Insulin Resistance. <i>Diabetes</i> , 2007, 56, 2533-2540.	0.3	387
3	Effects of MAP kinase cascade inhibitors on the MKK5/ERK5 pathway. <i>FEBS Letters</i> , 2001, 502, 21-24.	1.3	229
4	Methionine restriction restores a younger metabolic phenotype in adult mice with alterations in fibroblast growth factor 21. <i>Aging Cell</i> , 2014, 13, 817-827.	3.0	158
5	Improved Glucose Homeostasis in Mice with Muscle-Specific Deletion of Protein-Tyrosine Phosphatase 1B. <i>Molecular and Cellular Biology</i> , 2007, 27, 7727-7734.	1.1	147
6	Long-term Fenretinide treatment prevents high-fat diet-induced obesity, insulin resistance, and hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E1420-E1429.	1.8	96
7	Liver-specific deletion of protein tyrosine phosphatase (PTP) 1B improves obesity- and pharmacologically induced endoplasmic reticulum stress. <i>Biochemical Journal</i> , 2011, 438, 369-378.	1.7	96
8	An analysis of the phosphorylation and activation of extracellular-signal-regulated protein kinase 5 (ERK5) by mitogen-activated protein kinase kinase 5 (MKK5) in vitro. <i>Biochemical Journal</i> , 2003, 372, 567-575.	1.7	86
9	Decreased clearance of serum retinol-binding protein and elevated levels of transthyretin in insulin-resistant <i>ob/ob</i> mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E785-E793.	1.8	79
10	Susceptibility to diet-induced obesity and glucose intolerance in the APP SWE/PSEN1 A246E mouse model of Alzheimer's disease is associated with increased brain levels of protein tyrosine phosphatase 1B (PTP1B) and retinol-binding protein 4 (RBP4), and basal phosphorylation of S6 ribosomal protein. <i>Diabetologia</i> , 2011, 54, 2143-2151.	2.9	77
11	Myeloid-Cell Protein Tyrosine Phosphatase-1B Deficiency in Mice Protects Against High-Fat Diet and Lipopolysaccharide-Induced Inflammation, Hyperinsulinemia, and Endotoxemia Through an IL-10 STAT3-Dependent Mechanism. <i>Diabetes</i> , 2014, 63, 456-470.	0.3	63
12	Fenretinide Treatment Prevents Diet-Induced Obesity in Association With Major Alterations in Retinoid Homeostatic Gene Expression in Adipose, Liver, and Hypothalamus. <i>Diabetes</i> , 2013, 62, 825-836.	0.3	60
13	Inducible liver-specific knockdown of protein tyrosine phosphatase 1B improves glucose and lipid homeostasis in adult mice. <i>Diabetologia</i> , 2013, 56, 2286-2296.	2.9	57
14	Direct comparison of methionine restriction with leucine restriction on the metabolic health of C57BL/6J mice. <i>Scientific Reports</i> , 2017, 7, 9977.	1.6	54
15	Adipocyte-Specific Protein Tyrosine Phosphatase 1B Deletion Increases Lipogenesis, Adipocyte Cell Size and Is a Minor Regulator of Glucose Homeostasis. <i>PLoS ONE</i> , 2012, 7, e32700.	1.1	54
16	Neuronal human BACE1 knockin induces systemic diabetes in mice. <i>Diabetologia</i> , 2016, 59, 1513-1523.	2.9	50
17	Deficiency in Protein Tyrosine Phosphatase PTP1B Shortens Lifespan and Leads to Development of Acute Leukemia. <i>Cancer Research</i> , 2018, 78, 75-87.	0.4	39
18	The mechanisms of Fenretinide-mediated anti-cancer activity and prevention of obesity and type-2 diabetes. <i>Biochemical Pharmacology</i> , 2014, 91, 277-286.	2.0	38

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19	In vivo differential effects of fasting, re-feeding, insulin and insulin stimulation time course on insulin signaling pathway components in peripheral tissues. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 104-111.	1.0	36
20	Methionine restriction improves renal insulin signalling in aged kidneys. <i>Mechanisms of Ageing and Development</i> , 2016, 157, 35-43.	2.2	36
21	Fenretinide mediated retinoic acid receptor signalling and inhibition of ceramide biosynthesis regulates adipogenesis, lipid accumulation, mitochondrial function and nutrient stress signalling in adipocytes and adipose tissue. <i>Biochemical Pharmacology</i> , 2016, 100, 86-97.	2.0	34
22	Myeloid protein tyrosine phosphatase 1B (PTP1B) deficiency protects against atherosclerotic plaque formation in the ApoE $\hat{\wedge}$ / $\hat{\wedge}$ mouse model of atherosclerosis with alterations in IL10/AMPK $\hat{\wedge}$ pathway. <i>Molecular Metabolism</i> , 2017, 6, 845-853.	3.0	28
23	Elevated Fibroblast growth factor 21 (FGF21) in obese, insulin resistant states is normalised by the synthetic retinoid Fenretinide in mice. <i>Scientific Reports</i> , 2017, 7, 43782.	1.6	26
24	Pharmacological inhibition of protein tyrosine phosphatase 1B protects against atherosclerotic plaque formation in the LDLR $\hat{\wedge}$ / $\hat{\wedge}$ mouse model of atherosclerosis. <i>Clinical Science</i> , 2017, 131, 2489-2501.	1.8	23
25	Hepatic protein tyrosine phosphatase 1B (PTP1B) deficiency protects against obesity-induced endothelial dysfunction. <i>Biochemical Pharmacology</i> , 2014, 92, 607-617.	2.0	21
26	Blood Mononuclear Cell Mitochondrial Respiratory Chain Complex IV Activity is Decreased in Multiple Sclerosis Patients: Effects of I $\hat{\wedge}$ -Interferon Treatment. <i>Journal of Clinical Medicine</i> , 2018, 7, 36.	1.0	21
27	Effects of hepatic protein tyrosine phosphatase 1B and methionine restriction on hepatic and whole-body glucose and lipid metabolism in mice. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 305-314.	1.5	20
28	Alterations in vitamin A/retinoic acid homeostasis in diet-induced obesity and insulin resistance. <i>Proceedings of the Nutrition Society</i> , 2017, 76, 597-602.	0.4	17
29	Oxidative costs of reproduction in mouse strains selected for different levels of food intake and which differ in reproductive performance. <i>Scientific Reports</i> , 2016, 6, 36353.	1.6	16
30	Fenretinide prevents obesity in aged female mice in association with increased retinoid and estrogen signaling. <i>Obesity</i> , 2015, 23, 1655-1662.	1.5	15
31	Regulation of growth hormone induced JAK2 and mTOR signalling by hepatic protein tyrosine phosphatase 1B. <i>Diabetes and Metabolism</i> , 2015, 41, 95-101.	1.4	13
32	Serum levels of RBP4 and adipose tissue levels of PTP1B are increased in obese men resident in northeast Scotland without associated changes in ER stress response genes. <i>International Journal of General Medicine</i> , 2012, 5, 403.	0.8	6
33	Effects of Liraglutide and Fenretinide treatments on the diabetic phenotype of neuronal human BACE1 knock-in mice. <i>Biochemical Pharmacology</i> , 2019, 166, 222-230.	2.0	6
34	PROTEIN TYROSINE PHOSPHATASE 1B (PTP1B) IN OBESITY AND TYPE 2 DIABETES. <i>Acta Medica Saliniana</i> , 2009, 38, 2-7.	0.1	6
35	Optoelectronic tweezers for the measurement of the relative stiffness of erythrocytes. <i>Proceedings of SPIE</i> , 2012, , .	0.8	5
36	High-fat diet exacerbates cognitive and metabolic abnormalities in neuronal BACE1 knock-in mice $\hat{\wedge}$ partial prevention by Fenretinide. <i>Nutritional Neuroscience</i> , 2022, 25, 719-736.	1.5	4

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37	Design, Synthesis, Radiosynthesis and Biological Evaluation of Fenretinide Analogues as Anticancer and Metabolic Syndromeâ€Preventive Agents. ChemMedChem, 2020, 15, 1579-1590.	1.6	2
38	PTP1B in the Periphery: Regulating Insulin Sensitivity and ER Stress. , 2013, , 91-105.		1
39	Liverâ€specific Deletion of Protein Tyrosine Phosphatase (PTP) 1B Improves Endothelial Dysfunction and Cardiovascular Alterations Associated with Obesity in mice. FASEB Journal, 2012, 26, 526.5.	0.2	1
40	(18) Fenretinide treatment for high fat diet-induced obesity and insulin sensitivity. Atherosclerosis, 2012, 223, 532.	0.4	0
41	Response to comment by Moxon et al.. Clinical Science, 2018, 132, 39-41.	1.8	0