Ole Hartvig Mortensen

List of Publications by Year
in descending order

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Version: 2024-02-01

40 papers	3,633 citations	279487 23 h-index	253896 43 g-index
44 all docs	44 docs citations	44 times ranked	5710 citing authors

#	Article	IF	Citations
1	Structural and Evolutionary Relationships among Protein Tyrosine Phosphatase Domains. Molecular and Cellular Biology, 2001, 21, 7117-7136.	1.1	660
2	Brain-derived neurotrophic factor is produced by skeletal muscle cells in response to contraction and enhances fat oxidation via activation of AMP-activated protein kinase. Diabetologia, 2009, 52, 1409-1418.	2.9	535
3	A genomic perspective on protein tyrosine phosphatases: gene structure, pseudogenes, and genetic disease linkage. FASEB Journal, 2004, 18, 8-30.	0.2	277
4	Physiological role of taurine â€“ from organism to organelle. Acta Physiologica, 2015, 213, 191-212.	1.8	248
5	A 2-wk reduction of ambulatory activity attenuates peripheral insulin sensitivity. Journal of Applied Physiology, 2010, 108, 1034-1040.	1.2	236
6	Expression of interleukinâ€15 in human skeletal muscle â€“ effect of exercise and muscle fibre type composition. Journal of Physiology, 2007, 584, 305-312.	1.3	200
7	Association between Interleukin-15 and Obesity: Interleukin-15 as a Potential Regulator of Fat Mass. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4486-4493.	1.8	169
8	Antioxidant Supplementation Does Not Alter Endurance Training Adaptation. Medicine and Science in Sports and Exercise, 2010, 42, 1388-1395.	0.2	150
9	Associations between insulin resistance and TNF-Î± in plasma, skeletal muscle and adipose tissue in humans with and without type 2 diabetes. Diabetologia, 2007, 50, 2562-2571.	2.9	137
10	Calprotectin â€” A Novel Marker of Obesity. PLoS ONE, 2009, 4, e7419.	1.1	105
11	Exercise induces expression of leukaemia inhibitory factor in human skeletal muscle. Journal of Physiology, 2008, 586, 2195-2201.	1.3	101
12	PGC-1Î± and PGC-1Î² have both similar and distinct effects on myofiber switching toward an oxidative phenotype. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E807-E816.	1.8	88
13	RBPâ€toâ€retinol ratio, but not total RBP, is elevated in patients with type 2 diabetes. Diabetes, Obesity and Metabolism, 2009, 11, 204-212.	2.2	81
14	Menopause is associated with decreased whole body fat oxidation during exercise. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E1227-E1236.	1.8	74
15	Interleukin-18 Activates Skeletal Muscle AMPK and Reduces Weight Gain and Insulin Resistance in Mice. Diabetes, 2013, 62, 3064-3074.	0.3	71
16	PGC-1Î² is downregulated by training in human skeletal muscle: no effect of training twice every second day vs. once daily on expression of the PGC-1 family. Journal of Applied Physiology, 2007, 103, 1536-1542.	1.2	48
17	Calprotectin is released from human skeletal muscle tissue during exercise. Journal of Physiology, 2008, 586, 3551-3562.	1.3	48
18	Gestational Protein Restriction in Mice Has Pronounced Effects on Gene Expression in Newborn Offspring's Liver and Skeletal Muscle; Protective Effect of Taurine. Pediatric Research, 2010, 67, 47-53.	1.1	47

#	Article	IF	Citations
19	A maternal low protein diet has pronounced effects on mitochondrial gene expression in offspring liver and skeletal muscle; protective effect of taurine. Journal of Biomedical Science, 2010, 17, S38.	2.6	43
20	BIBX1382BS, but Not AG1478 or PD153035, Inhibits the ErbB Kinases at Different Concentrations in Intact Cells. Biochemical and Biophysical Research Communications, 2001, 281, 25-31.	1.0	39
21	Truncated ErbB2 receptor enhances ErbB1 signaling and induces reversible, ERK-independent loss of epithelial morphology. International Journal of Cancer, 2001, 94, 185-191.	2.3	35
22	Developmental Programming by High Fructose Decreases Phosphorylation Efficiency in Aging Offspring Brain Mitochondria, Correlating with Enhanced UCP5 Expression. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1205-1211.	2.4	27
23	The effect of glutamine infusion on the inflammatory response and HSP70 during human experimental endotoxaemia. Critical Care, 2009, 13, R7.	2.5	26
24	Your mitochondria are what you eat: a highâ€fat or a highâ€sucrose diet eliminates metabolic flexibility in isolated mitochondria from rat skeletal muscle. Physiological Reports, 2017, 5, e13207.	0.7	26
25	Impaired oxidative capacity due to decreased CPT1b levels as a contributing factor to fat accumulation in obesity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R973-R982.	0.9	24
26	Changed mitochondrial function by pre- and/or postpartum diet alterations in sheep. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E1349-E1357.	1.8	20
27	Calprotectin â€" A Marker of Mortality in COPD? Results from a Prospective Cohort Study. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 581-587.	0.7	14
28	Unchanged mitochondrial phenotype, but accumulation of lipids in the myometrium in obese pregnant women. Journal of Physiology, 2017, 595, 7109-7122.	1.3	14
29	Structured supervised exercise training or motivational counselling during pregnancy on physical activity level and health of mother and offspring: FitMum study protocol. BMJ Open, 2021, 11, e043671.	0.8	13
30	Low expression of IL-18 and IL-18 receptor in human skeletal muscle is associated with systemic and intramuscular lipid metabolismâ€"Role of HIV lipodystrophy. PLoS ONE, 2018, 13, e0186755.	1.1	11
31	The Effect of Long-Term Taurine Supplementation and Fructose Feeding on Glucose and Lipid Homeostasis in Wistar Rats. Advances in Experimental Medicine and Biology, 2013, 776, 39-50.	0.8	10
32	Clearance of Sclerostin, Osteocalcin, Fibroblast Growth Factor 23, and Osteoprotegerin by Dialysis. Blood Purification, 2017, 44, 122-128.	0.9	8
33	FGF23 in hemodialysis patients is associated with left ventricular hypertrophy and reduced ejection fraction. Nefrologia, 2019, 39, 258-268.	0.2	8
34	Effect of high-fat diet on rat myometrium during pregnancyâ€"isolated myometrial mitochondria are not affected. Pflugers Archiv European Journal of Physiology, 2015, 467, 1539-1549.	1.3	7
35	Identification of a novel human glucagon receptor promoter: Regulation by cAMP and PGC-1Î±. Gene, 2007, 393, 127-136.	1.0	6
36	HIV and schistosomiasis in rural Zimbabwe: the association of Retinol-binding protein with disease progression, inflammation and mortality. International Journal of Infectious Diseases, 2015, 33, 159-164.	1.5	6

#	Article	IF	Citations
37	Diabetes, myometrium, and mitochondria in pregnant women at term. Acta Diabetologica, 2018, 55, 999-1010.	1.2	3
38	Fructose Feeding Changes Taurine Homeostasis in Wistar Rats. Advances in Experimental Medicine and Biology, 2015, 803, 695-706.	0.8	2
39	Gestational Protein Restriction in Wistar Rats; Effect of Taurine Supplementation on Properties of Newborn Skeletal Muscle. Advances in Experimental Medicine and Biology, 2017, 975 Pt 1, 413-433.	0.8	2
40	Effects of a High Fat Diet and Taurine Supplementation on Metabolic Parameters and Skeletal Muscle Mitochondrial Function in Rats. Advances in Experimental Medicine and Biology, 2015, 803, 387-395.	0.8	1