G Hege Thoresen

List of Publications by Year
in descending order

57 papers	963 citations	516681 16 h-index	580810 25 g-index
57 all docs	57 docs citations	57 times ranked	1067 citing authors

#	Article	IF	Citations
1	Knockdown of sarcolipin (SLN) impairs substrate utilization in human skeletal muscle cells. Molecular Biology Reports, 2022, 49, 6005-6017.	2.3	1
2	Innervation and electrical pulse stimulation â€” in vitro effects on human skeletal muscle cells. Applied Physiology, Nutrition and Metabolism, 2021, 46, 299-308.	1.9	11
3	Drug Use and Cancer Risk: A Drug-Wide Association Study (DWAS) in Norway. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 682-689.	2.5	10
4	The small molecule SERCA activator CDN1163 increases energy metabolism in human skeletal muscle cells. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100060.	3.6	9
5	Effect of differentiation, de novo innervation, and electrical pulse stimulation on mRNA and protein expression of Na+,K+-ATPase, FXYD1, and FXYD5 in cultured human skeletal muscle cells. PLoS ONE, 2021, 16, e0247377.	2.5	7
6	Novel methods for cold exposure of skeletal muscle in vivo and in vitro show temperature-dependent myokine production. Journal of Thermal Biology, 2021, 98, 102930.	2.5	10
7	SENP2 is vital for optimal insulin signaling and insulin-stimulated glycogen synthesis in human skeletal muscle cells. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100061.	3.6	1
8	Chronic treatment with terbutaline increases glucose and oleic acid oxidation and protein synthesis in cultured human myotubes. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100039.	3.6	2
9	The effect of toll-like receptor ligands on energy metabolism and myokine expression and secretion in cultured human skeletal muscle cells. Scientific Reports, 2021, 11, 24219.	3.3	3
10	Primary defects in lipid handling and resistance to exercise in myotubes from obese donors with and without type 2 diabetes. Applied Physiology, Nutrition and Metabolism, 2020, 45, 169-179.	1.9	11
11	Substrate oxidation in primary human skeletal muscle cells is influenced by donor age. Cell and Tissue Research, 2020, 382, 599-608.	2.9	5
12	Pancreatic cancer cells show lower oleic acid oxidation and their conditioned medium inhibits oleic acid oxidation in human myotubes. Pancreatology, 2020, 20, 676-682.	1.1	8
13	Treatment of human skeletal muscle cells with inhibitors of diacylglycerol acyltransferases 1 and 2 to explore isozyme-specific roles on lipid metabolism. Scientific Reports, 2020, 10, 238.	3.3	12
14	The adipokine sFRP4 induces insulin resistance and lipogenesis in the liver. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2671-2684.	3.8	28
15	A mitochondria-targeted fatty acid analogue influences hepatic glucose metabolism and reduces the plasma insulin/glucose ratio in male Wistar rats. PLoS ONE, 2019, 14, e0222558.	2.5	4
16	Increased Glycolysis and Higher Lactate Production in Hyperglycemic Myotubes. Cells, 2019, 8, 1101.	4.1	30
17	Impact of hyperinsulinemia and hyperglycemia on valvular interstitial cells â€“ A link between aortic heart valve degeneration and type 2 diabetes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2526-2537.	3.8	16
18	Identification of potential carcinogenic and chemopreventive effects of prescription drugs: a protocol for a Norwegian registry-based study. BMJ Open, 2019, 9, e028504.	1.9	7

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19	p38 differentially regulates ERK, p21, and mitogenic signalling in two pancreatic carcinoma cell lines. Journal of Cell Communication and Signaling, 2018, 12, 699-707.	3.4	5
20	Deletion of the RabGAP TBC1D1 Leads to Enhanced Insulin Secretion and Fatty Acid Oxidation in Islets From Male Mice. Endocrinology, 2018, 159, 1748-1761.	2.8	9
21	Glucose metabolism and metabolic flexibility in cultured skeletal muscle cells is related to exercise status in young male subjects. Archives of Physiology and Biochemistry, 2018, 124, 119-130.	2.1	14
22	Effects of Propofol on Cellular Bioenergetics in Human Skeletal Muscle Cells. Critical Care Medicine, 2018, 46, e206-e212.	0.9	15
23	Higher lipid turnover and oxidation in cultured human myotubes from athletic versus sedentary young male subjects. Scientific Reports, 2018, 8, 17549.	3.3	20
24	Increased triacylglycerol - Fatty acid substrate cycling in human skeletal muscle cells exposed to eicosapentaenoic acid. PLoS ONE, 2018, 13, e0208048.	2.5	15
25	The novel adipokine WISP1 associates with insulin resistance and impairs insulin action in human myotubes and mouse hepatocytes. Diabetologia, 2018, 61, 2054-2065.	6.3	34
26	Loss of perilipin 2 in cultured myotubes enhances lipolysis and redirects the metabolic energy balance from glucose oxidation towards fatty acid oxidation. Journal of Lipid Research, 2017, 58, 2147-2161.	4.2	32
27	Synthesis, in vitro and in vivo biological evaluation of new oxysterols as modulators of the liver X receptors. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 323-330.	2.5	5
28	Exercise in vivo marks human myotubes in vitro: Training-induced increase in lipid metabolism. PLoS ONE, 2017, 12, e0175441.	2.5	32
29	<scp>PI</scp>3K is required for both basal and <scp>LPA</scp>â€induced <scp>DNA</scp> synthesis in oral carcinoma cells. Journal of Oral Pathology and Medicine, 2016, 45, 425-432.	2.7	1
30	HGF-induced DNA synthesis in hepatocytes is suppressed by p38. Growth Factors, 2016, 34, 217-223.	1.7	3
31	Increased glucose utilization and decreased fatty acid metabolism in myotubes from<i>Glmp^{gt/gt}</i>mice. Archives of Physiology and Biochemistry, 2016, 122, 36-45.	2.1	6
32	The molecular structure of thio-ether fatty acids influences PPAR-dependent regulation of lipid metabolism. Bioorganic and Medicinal Chemistry, 2016, 24, 1191-1203.	3.0	2
33	Lack of the Lysosomal Membrane Protein, GLMP, in Mice Results in Metabolic Dysregulation in Liver. PLoS ONE, 2015, 10, e0129402.	2.5	10
34	Synthesis, biological evaluation and molecular modeling studies of the PPARÎ²/Î´ antagonist CC618. European Journal of Medicinal Chemistry, 2015, 94, 229-236.	5.5	8
35	Myotubes from lean and severely obese subjects with and without type 2 diabetes respond differently to an in vitro model of exercise. American Journal of Physiology - Cell Physiology, 2015, 308, C548-C556.	4.6	34
36	Primary defects in lipolysis and insulin action in skeletal muscle cells from type 2 diabetic individuals. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1194-1201.	2.4	28

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37	Myotubes from Severely Obese Type 2 Diabetic Subjects Accumulate Less Lipids and Show Higher Lipolytic Rate than Myotubes from Severely Obese Non-Diabetic Subjects. PLoS ONE, 2015, 10, e0119556.	2.5	18
38	Simvastatin Inhibits Glucose Metabolism and Legumain Activity in Human Myotubes. PLoS ONE, 2014, 9, e85721.	2.5	24
39	Synthesis and initial biological evaluation of new mimics of the LXR-modulator 22(S)-hydroxycholesterol. Bioorganic and Medicinal Chemistry, 2014, 22, 643-650.	3.0	5
40	Development of new LXR modulators that regulate LXR target genes and reduce lipogenesis in human cell models. European Journal of Medicinal Chemistry, 2014, 74, 258-263.	5.5	5
41	Role of ERK, p38 and PI3-kinase in EGF Receptor-Mediated Mitogenic Signalling in Cultured Rat Hepatocytes: Requirement for Sustained ERK Activation. Cellular Physiology and Biochemistry, 2003, 13, 229-238.	1.6	32
42	Impaired Nuclear Accumulation and Shortened Phosphorylation of ERK After Growth Factor Stimulation in Cultured Hepatocytes From Rats Exposed to 2-Acetylaminofluorene. Molecular Carcinogenesis, 2000, 28, 84-96.	2.7	17
43	EFFECTS OF cAMP ON ERK MITOGEN-ACTIVATED PROTEIN KINASE ACTIVITY IN HEPATOCYTES DO NOT PARALLEL THE BIDIRECTIONAL REGULATION OF DNA SYNTHESIS. Cell Biology International, 1999, 23, 13-20.	3.0	11
44	Role of diacylglycerol (DAG) in hormonal induction of S phase in hepatocytes: The DAG-dependent protein kinase C pathway is not activated by epidermal growth factor (EGF), but is involved in mediating the enhancement of responsiveness to EGF by vasopressin, angiotensin II, and norepinephrine. , 1999, 180, 203-214.		34
45	Alteration of G1 cell-cycle protein expression and induction of p53 but not p21/waf1 by the DNA-modifying carcinogen 2-acetylaminofluorene in growth-stimulated hepatocytes in vitro. Molecular Carcinogenesis, 1999, 24, 36-46.	2.7	8
46	Response to transforming growth factor Î± (TGFÎ±) and epidermal growth factor (EGF) in hepatocytes: Lower EGF receptor affinity of TGFÎ± is associated with more sustained activation of p42/p44 mitogen-activated protein kinase and greater efficacy in stimulation of DNA synthesis. , 1998, 175, 10-18.		55
47	Activation of p42/p44 mitogen-activated protein kinase by angiotensin II, vasopressin, norepinephrine, and prostaglandin F2Î± in hepatocytes is sustained, and like the effect of epidermal growth factor, mediated through pertussis toxin-sensitive mechanisms. , 1998, 175, 348-358.		38
48	Localization of cAMP-dependent signal transducers in early rat liver carcinogenesis. Histochemistry and Cell Biology, 1998, 109, 203-209.	1.7	10
49	Growth-promoting effects of Ca2+-mobilizing agents in hepatocytes: Lack of correlation between the acute activation of phosphoinositide-specific phospholipase C and the stimulation of DNA synthesis by angiotensin II, vasopressin, norepinephrine, and prostaglandin F2Î±. , 1996, 168, 608-617.		27
50	Dexamethasone Inversely Regulates DNA Synthesis and Phosphoenolpyruvate Carboxykinase mRNA Levels in Cultured Rat Hepatocytes: Interactions with Insulin, Glucagon, and Transforming Growth Factor Î²1.. Basic and Clinical Pharmacology and Toxicology, 1995, 76, 163-170.	0.0	7
51	On the mechanisms of the growth-promoting effect of prostaglandins in hepatocytes: The relationship between stimulation of DNA synthesis and signaling mediated by adenylyl cyclase and phosphoinositide-specific phospholipase C. Journal of Cellular Physiology, 1995, 164, 465-473.	4.1	36
52	Transforming growth factor Î²1 increases the phosphoenolpyruvate carboxykinase mRNA level in cultured rat hepatocytes. Cell Biology International, 1994, 18, 171-176.	3.0	6
53	Stimulation of hepatocyte DNA synthesis by prostaglandin E2 and prostaglandin F2? additivity with the effect of norepinephrine, and synergism with epidermal growth factor. Journal of Cellular Physiology, 1994, 159, 35-40.	4.1	53
54	Growth-regulatory effects of glucagon, insulin, and epidermal growth factor in cultured hepatocytes. Digestive Diseases and Sciences, 1992, 37, 84-92.	2.3	21

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55	Stimulatory and inhibitory effects of catecholamines on DNA synthesis in primary rat hepatocyte cultures: Role of alpha1- and beta-adrenergic mechanisms. Journal of Cellular Physiology, 1992, 151, 164-171.	4.1	50
56	Dual effects of glucagon and cyclic amp on dna synthesis in cultured rat hepatocytes: Stimulatory regulation in early G1 and inhibition shortly before the s phase entry. Journal of Cellular Physiology, 1990, 144, 523-530.	4.1	47
57	Studies of Glucocorticoid Enhancement of the Capacity of Hepatocytes to Accumulate Cyclic AMP. Basic and Clinical Pharmacology and Toxicology, 1989, 65, 175-180.	0.0	11