Sebastian Beck JÃ¸rgensen

List of Publications by Year
in descending order

19 papers	2,814 citations	471509 17 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	3515 citing authors

#	Article	IF	Citations
1	Central regulation of the anorexigenic receptor GFRAL. Nature Metabolism, 2022, 4, 157-158.	11.9	1
2	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. Nature Communications, 2021, 12, 1041.	12.8	69
3	GFRAL-expressing neurons suppress food intake via aversive pathways. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	48
4	Activation of the hypothalamicâ€“pituitaryâ€“adrenal axis by exogenous and endogenous GDF15. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	40
5	GDF15: emerging biology and therapeutic applications for obesity and cardiometabolic disease. Nature Reviews Endocrinology, 2021, 17, 592-607.	9.6	162
6	Plasma GDF15 levels are similar between subjects after bariatric surgery and matched controls and are unaffected by meals. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E443-E452.	3.5	5
7	GDF15 acts synergistically with liraglutide but is not necessary for the weight loss induced by bariatric surgery in mice. Molecular Metabolism, 2019, 21, 13-21.	6.5	63
8	GFRAL is the receptor for GDF15 and is required for the anti-obesity effects of the ligand. Nature Medicine, 2017, 23, 1158-1166.	30.7	443
9	Leukemia inhibitory factor increases glucose uptake in mouse skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E142-E153.	3.5	28
10	The Anorectic Actions of the TGFÎ² Cytokine MIC-1/GDF15 Require an Intact Brainstem Area Postrema and Nucleus of the Solitary Tract. PLoS ONE, 2014, 9, e100370.	2.5	91
11	TGF-b Superfamily Cytokine MIC-1/GDF15 Is a Physiological Appetite and Body Weight Regulator. PLoS ONE, 2013, 8, e55174.	2.5	142
12	AMP-activated protein kinase (AMPK) Î²1Î²2 muscle null mice reveal an essential role for AMPK in maintaining mitochondrial content and glucose uptake during exercise. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16092-16097.	7.1	357
13	Ciliary Neurotrophic Factor Stimulates Muscle Glucose Uptake by a PI3-Kinaseâ€“Dependent Pathway That Is Impaired With Obesity. Diabetes, 2009, 58, 829-839.	0.6	47
14	Role of AMPKÎ±2 in basal, training-, and AICAR-induced GLUT4, hexokinase II, and mitochondrial protein expression in mouse muscle. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E331-E339.	3.5	147
15	Role of AMPK in skeletal muscle gene adaptation in relation to exercise. Applied Physiology, Nutrition and Metabolism, 2007, 32, 904-911.	1.9	27
16	Role of AMPK in skeletal muscle metabolic regulation and adaptation in relation to exercise. Journal of Physiology, 2006, 574, 17-31.	2.9	196
17	Effects of Î±â€AMPK knockout on exerciseâ€induced gene activation in mouse skeletal muscle. FASEB Journal, 2005, 19, 1146-1148.	0.5	248
18	Knockout of the Î±2 but Not Î±1 5â€²-AMP-activated Protein Kinase Isoform Abolishes 5-Aminoimidazole-4-carboxamide-1-Î²-4-ribofuranosidebut Not Contraction-induced Glucose Uptake in Skeletal Muscle. Journal of Biological Chemistry, 2004, 279, 1070-1079.	3.4	484

#	Article	IF	Citations
19	The Â2-5'AMP-Activated Protein Kinase Is a Site 2 Glycogen Synthase Kinase in Skeletal Muscle and Is Responsive to Glucose Loading. Diabetes, 2004, 53, 3074-3081.	0.6	215