

Jacob Bak B Holm

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,796
citations

430874

18
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

5908
citing authors

#	ARTICLE	IF	CITATIONS
1	Human gut microbes impact host serum metabolome and insulin sensitivity. <i>Nature</i> , 2016, 535, 376-381.	27.8	1,506
2	Physiological role of taurine – from organism to organelle. <i>Acta Physiologica</i> , 2015, 213, 191-212.	3.8	248
3	Chronic <i>Trichuris muris</i> Infection Decreases Diversity of the Intestinal Microbiota and Concomitantly Increases the Abundance of Lactobacilli. <i>PLoS ONE</i> , 2015, 10, e0125495.	2.5	190
4	<i>Prevotella</i> -to- <i>Bacteroides</i> ratio predicts body weight and fat loss success on 24-week diets varying in macronutrient composition and dietary fiber: results from a post-hoc analysis. <i>International Journal of Obesity</i> , 2019, 43, 149-157.	3.4	173
5	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. <i>Immunity</i> , 2016, 44, 860-874.	14.3	118
6	In vivo Microscale Measurements of Light and Photosynthesis during Coral Bleaching: Evidence for the Optical Feedback Loop?. <i>Frontiers in Microbiology</i> , 2017, 8, 59.	3.5	64
7	Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility. <i>Toxicological Sciences</i> , 2016, 150, 178-189.	3.1	59
8	The protein source determines the potential of high protein diets to attenuate obesity development in C57BL/6J mice. <i>Adipocyte</i> , 2016, 5, 196-211.	2.8	59
9	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. <i>Cell Metabolism</i> , 2019, 29, 50-63.e4.	16.2	50
10	Aniline Is Rapidly Converted Into Paracetamol Impairing Male Reproductive Development. <i>Toxicological Sciences</i> , 2015, 148, 288-298.	3.1	48
11	Prenatal exposure to paracetamol/acetaminophen and precursor aniline impairs masculinisation of male brain and behaviour. <i>Reproduction</i> , 2017, 154, 145-152.	2.6	37
12	Diet-induced obesity, energy metabolism and gut microbiota in C57BL/6J mice fed Western diets based on lean seafood or lean meat mixtures. <i>Journal of Nutritional Biochemistry</i> , 2016, 31, 127-136.	4.2	32
13	Pinpointing Differences in Cisplatin-induced Apoptosis in Adherent and Non-adherent Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 809-820.	1.6	28
14	Volume-sensitive release of organic osmolytes in the human lung epithelial cell line A549: role of the 5-lipoxygenase. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C48-C60.	4.6	24
15	Lysates of <i>Methylococcus capsulatus</i> Bath induce a lean-like microbiota, intestinal FoxP3+ROR γ t+IL-17+ Tregs and improve metabolism. <i>Nature Communications</i> , 2021, 12, 1093.	12.8	24
16	High intake of dairy during energy restriction does not affect energy balance or the intestinal microflora compared with low dairy intake in overweight individuals in a randomized controlled trial. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 1-10.	1.9	23
17	Dietary fat drives whole-body insulin resistance and promotes intestinal inflammation independent of body weight gain. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1706-1719.	3.4	22
18	Human Paneth cell α -defensin-5 treatment reverses dyslipidemia and improves glucoregulatory capacity in diet-induced obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E42-E52.	3.5	22

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19	Acute infection with the intestinal parasite <i>Trichuris muris</i> has long-term consequences on mucosal mast cell homeostasis and epithelial integrity. <i>European Journal of Immunology</i> , 2017, 47, 257-268.	2.9	18
20	A randomised, controlled, crossover study of the effect of diet on angiotensin-like protein 4 (ANGPTL4) through modification of the gut microbiome. <i>Journal of Nutritional Science</i> , 2016, 5, e45.	1.9	16
21	Effects of exercise and dietary protein sources on adiposity and insulin sensitivity in obese mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 66, 98-109.	4.2	14
22	Age-dependent alterations of glucose clearance and homeostasis are temporally separated and modulated by dietary fat. <i>Journal of Nutritional Biochemistry</i> , 2018, 54, 66-76.	4.2	12