

# 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

489802

18  
h-index

759306

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

6379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysates of <i>Methylococcus capsulatus</i> Bath induce a lean-like microbiota, intestinal FoxP3+ROR $\gamma$ t+IL-17+ Tregs and improve metabolism. <i>Nature Communications</i> , 2021, 12, 1093.	5.8	24
2	Prevotella-to-Bacteroides 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.	1.6	173
3	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.	1.9	14
4	Human Paneth cell $\alpha$ -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.	1.8	22
5	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. <i>Cell Metabolism</i> , 2019, 29, 50-63.e4.	7.2	50
6	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.	1.9	12
7	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.	0.9	23
8	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.	1.6	18
9	Prenatal exposure to paracetamol/acetaminophen and precursor aniline impairs masculinisation of male brain and behaviour. <i>Reproduction</i> , 2017, 154, 145-152.	1.1	37
10	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.	1.5	64
11	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.	0.7	16
12	IRF8 Transcription-Factor-Dependent Classical Dendritic Cells Are Essential for Intestinal T Cell Homeostasis. <i>Immunity</i> , 2016, 44, 860-874.	6.6	118
13	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.	1.5	22
14	Human gut microbes impact host serum metabolome and insulin sensitivity. <i>Nature</i> , 2016, 535, 376-381.	13.7	1,506
15	Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility. <i>Toxicological Sciences</i> , 2016, 150, 178-189.	1.4	59
16	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.	1.3	59
17	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.	1.9	32
18	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.	1.1	190

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19	Aniline Is Rapidly Converted Into Paracetamol Impairing Male Reproductive Development. <i>Toxicological Sciences</i> , 2015, 148, 288-298.	1.4	48
20	Physiological role of taurine – from organism to organelle. <i>Acta Physiologica</i> , 2015, 213, 191-212.	1.8	248
21	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.	2.1	24
22	Pinpointing Differences in Cisplatin-induced Apoptosis in Adherent and Non-adherent Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 809-820.	1.1	28