

Sandrine P Claus

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,573
citations

236925

25
h-index

265206

42
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43
all docs

43
docs citations

43
times ranked

6687
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection of a novel strain of <i>Christensenella minuta</i> as a future biotherapy for Crohn's disease. <i>Scientific Reports</i> , 2022, 12, 6017.	3.3	11
2	Multi-compartment metabolomics and metagenomics reveal major hepatic and intestinal disturbances in cancer cachectic mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 456-475.	7.3	30
3	A New Strain of <i>Christensenella minuta</i> as a Potential Biotherapy for Obesity and Associated Metabolic Diseases. <i>Cells</i> , 2021, 10, 823.	4.1	42
4	Identifying a Novel Bile Salt Hydrolase from the Keystone Gut Bacterium <i>Christensenella minuta</i> . <i>Microorganisms</i> , 2021, 9, 1252.	3.6	17
5	Entering First-in-Human Clinical Study With a Single-Strain Live Biotherapeutic Product: Input and Feedback Gained From the EMA and the FDA. <i>Frontiers in Medicine</i> , 2021, 8, 716266.	2.6	16
6	Next Generation Microbiome Research: Identification of Keystone Species in the Metabolic Regulation of Host-Gut Microbiota Interplay. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 719072.	3.7	21
7	A new mechanism for cannabidiol in regulating the one-carbon cycle and methionine levels in <i>Dictyostelium</i> and in mammalian epilepsy models. <i>British Journal of Pharmacology</i> , 2020, 177, 912-928.	5.4	19
8	Important Considerations for Sample Collection in Metabolomics Studies with a Special Focus on Applications to Liver Functions. <i>Metabolites</i> , 2020, 10, 104.	2.9	61
9	Anhedonia induced by high-fat diet in mice depends on gut microbiota and leptin. <i>Nutritional Neuroscience</i> , 2020, , 1-14.	3.1	17
10	NMR metabolomics identifies over 60 biomarkers associated with Type II Diabetes impairment in db/db mice. <i>Metabolomics</i> , 2019, 15, 89.	3.0	39
11	Thanatometabolomics: introducing NMR-based metabolomics to identify metabolic biomarkers of the time of death. <i>Metabolomics</i> , 2019, 15, 37.	3.0	23
12	High-fat diet induces depression-like behaviour in mice associated with changes in microbiome, neuropeptide Y, and brain metabolome. <i>Nutritional Neuroscience</i> , 2019, 22, 877-893.	3.1	133
13	Towards microbiome-informed dietary recommendations for promoting metabolic and mental health: Opinion papers of the MyNewGut project. <i>Clinical Nutrition</i> , 2018, 37, 2191-2197.	5.0	29
14	Metabolomics of fecal samples: A practical consideration. <i>Trends in Food Science and Technology</i> , 2016, 57, 244-255.	15.1	58
15	The gut microbiota: a major player in the toxicity of environmental pollutants?. <i>Npj Biofilms and Microbiomes</i> , 2016, 2, 16003.	6.4	470
16	The Inositol-3-Phosphate Synthase Biosynthetic Enzyme Has Distinct Catalytic and Metabolic Roles. <i>Molecular and Cellular Biology</i> , 2016, 36, 1464-1479.	2.3	22
17	Synbiotic approach restores intestinal homeostasis and prolongs survival in leukaemic mice with cachexia. <i>ISME Journal</i> , 2016, 10, 1456-1470.	9.8	149
18	Influence of galacto-oligosaccharide mixture (B-GOS) on gut microbiota, immune parameters and metabolomics in elderly persons. <i>British Journal of Nutrition</i> , 2015, 114, 586-595.	2.3	235

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19	New insights into the impact of <i>Lactobacillus</i> population on host-bacteria metabolic interplay. <i>Oncotarget</i> , 2015, 6, 30545-30556.	1.8	45
20	Drinking water application of Denagard® Tiamulin for control of <i>Brachyspira pilosicoli</i> infection of laying poultry. <i>Research in Veterinary Science</i> , 2015, 103, 87-95.	1.9	12
21	Foodomics for personalized nutrition: how far are we?. <i>Current Opinion in Food Science</i> , 2015, 4, 129-135.	8.0	12
22	<i>Brachyspira pilosicoli</i> -induced avian intestinal spirochaetosis. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 28853.	3.5	6
23	Effect of Breadmaking Process on In Vitro Gut Microbiota Parameters in Irritable Bowel Syndrome. <i>PLoS ONE</i> , 2014, 9, e111225.	2.5	44
24	Nutrimetabonomics: Nutritional Applications of Metabolic Profiling. <i>Science Progress</i> , 2014, 97, 41-47.	1.9	15
25	Mammalian-Microbial Cometabolism of L-Carnitine in the Context of Atherosclerosis. <i>Cell Metabolism</i> , 2014, 20, 699-700.	16.2	9
26	The gut microbiota elicits a profound metabolic reorientation in the mouse jejunal mucosa during conventionalisation. <i>Gut</i> , 2013, 62, 1306-1314.	12.1	118
27	Nutrimetabonomics: Applications for Nutritional Sciences, with Specific Reference to Gut Microbial Interactions. <i>Annual Review of Food Science and Technology</i> , 2013, 4, 381-399.	9.9	45
28	Fighting Undernutrition: Don't Forget the Bugs. <i>Cell Host and Microbe</i> , 2013, 13, 239-240.	11.0	8
29	Early Metabolic Adaptation in C57BL/6 Mice Resistant to High Fat Diet Induced Weight Gain Involves an Activation of Mitochondrial Oxidative Pathways. <i>Journal of Proteome Research</i> , 2013, 12, 1956-1968.	3.7	63
30	Gut bacteria-host metabolic interplay during conventionalisation of the mouse germfree colon. <i>ISME Journal</i> , 2013, 7, 743-755.	9.8	84
31	Metabolic Phenotype Modulation by Caloric Restriction in a Lifelong Dog Study. <i>Journal of Proteome Research</i> , 2013, 12, 3117-3127.	3.7	26
32	Insight into the prebiotic concept: lessons from an exploratory, double blind intervention study with inulin-type fructans in obese women. <i>Gut</i> , 2013, 62, 1112-1121.	12.1	632
33	Premature Impairment of Methylation Pathway and Cardiac Metabolic Dysfunction in <i>fa/fa</i> Obese Zucker Rats. <i>Journal of Proteome Research</i> , 2013, 12, 1935-1945.	3.7	9
34	Weaning diet induces sustained metabolic phenotype shift in the pig and influences host response to <i>Bifidobacterium lactis</i> NCC2818. <i>Gut</i> , 2013, 62, 842-851.	12.1	26
35	Gut Microbiota Modulate the Metabolism of Brown Adipose Tissue in Mice. <i>Journal of Proteome Research</i> , 2012, 11, 620-630.	3.7	89
36	Pharmacometabonomic Characterization of Xenobiotic and Endogenous Metabolic Phenotypes That Account for Inter-individual Variation in Isoniazid-Induced Toxicological Response. <i>Journal of Proteome Research</i> , 2012, 11, 4630-4642.	3.7	33

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37	A metabolic system-wide characterisation of the pig: a model for human physiology. <i>Molecular BioSystems</i> , 2011, 7, 2577.	2.9	101
38	Combined Transcriptomic ¹ & ¹ H NMR Metabonomic Study Reveals That Monoethylhexyl Phthalate Stimulates Adipogenesis and Glyceroneogenesis in Human Adipocytes. <i>Journal of Proteome Research</i> , 2011, 10, 5493-5502.	3.7	57
39	Colonization-Induced Host-Gut Microbial Metabolic Interaction. <i>MBio</i> , 2011, 2, e00271-10.	4.1	342
40	Identification of potential mechanisms of toxicity after di-(2-ethylhexyl)-phthalate (DEHP) adult exposure in the liver using a systems biology approach. <i>Toxicology and Applied Pharmacology</i> , 2009, 236, 282-292.	2.8	49
41	Systemic multicompartamental effects of the gut microbiome on mouse metabolic phenotypes. <i>Molecular Systems Biology</i> , 2008, 4, 219.	7.2	304
42	Analysis of Time-Related Metabolic Fluctuations Induced by Ethionine in the Rat. <i>Journal of Proteome Research</i> , 2007, 6, 4572-4581.	3.7	51