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List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,729
citations

361413
20
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docs citations

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times ranked

7320
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#	ARTICLE	IF	CITATIONS
1	Rewiring host-microbe interactions and barrier function during gastrointestinal inflammation. <i>Gastroenterology Report</i> , 2022, 10, goac008.	1.3	14
2	Human β -defensin 2 suppresses key features of asthma in murine models of allergic airways disease. <i>Clinical and Experimental Allergy</i> , 2021, 51, 120-131.	2.9	19
3	Curbing gastrointestinal infections by defensin fragment modifications without harming commensal microbiota. <i>Communications Biology</i> , 2021, 4, 47.	4.4	4
4	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
5	Human β -Defensin 2 Mutations Are Associated With Asthma and Atopy in Children and Its Application Prevents Atopic Asthma in a Mouse Model. <i>Frontiers in Immunology</i> , 2021, 12, 636061.	4.8	12
6	Fish oil replacement prevents, while docosahexaenoic acid-derived protectin DX mitigates endothelial disease in atherosclerotic diabetic mice. <i>FASEB Journal</i> , 2021, 35, e21559.	0.5	7
7	Reply to: "Dietary sucrose induces atherosclerotic diseases more than dietary fat in LDLr $^{-/-}$ ApoB mice: Is it independent of differences in plasma cholesterol levels?" <i>Atherosclerosis</i> , 2021, 325, 118-120.	0.8	0
8	89 HUMAN BETA DEFENSIN 2 ATTENUATED ALCOHOL-ASSOCIATED INTESTINE AND LIVER PATHOLOGY IN MICE: POTENTIAL ROLE FOR GUT MICROBIOME. <i>Gastroenterology</i> , 2021, 160, S-761.	1.3	0
9	Bacterial Postbiotics as Promising Tools to Mitigate Cardiometabolic Diseases. <i>Journal of Lipid and Atherosclerosis</i> , 2021, 10, 123.	3.5	11
10	Fungal lysozyme leverages the gut microbiota to curb DSS-induced colitis. <i>Gut Microbes</i> , 2021, 13, 1988836.	9.8	29
11	Human Beta Defensin 2 Ameliorated Alcohol-Associated Liver Disease in Mice. <i>Frontiers in Physiology</i> , 2021, 12, 812882.	2.8	8
12	The Anti-Obesogenic Effect of Lean Fish Species Is Influenced by the Fatty Acid Composition in Fish Fillets. <i>Nutrients</i> , 2020, 12, 3038.	4.1	0
13	Microbial translocation in type 2 diabetes: when bacterial invaders overcome host defence in human obesity. <i>Gut</i> , 2020, 69, 1724-1726.	12.1	15
14	Fragmentation of Human Neutrophil α -Defensin 4 to Combat Multidrug Resistant Bacteria. <i>Frontiers in Microbiology</i> , 2020, 11, 1147.	3.5	11
15	Type 2 diabetes influences bacterial tissue compartmentalisation in human obesity. <i>Nature Metabolism</i> , 2020, 2, 233-242.	11.9	158
16	Human β -Defensin 2 Mediated Immune Modulation as Treatment for Experimental Colitis. <i>Frontiers in Immunology</i> , 2020, 11, 93.	4.8	52
17	Dietary sucrose induces metabolic inflammation and atherosclerotic cardiovascular diseases more than dietary fat in LDLr ApoB100/100 mice. <i>Atherosclerosis</i> , 2020, 304, 9-21.	0.8	14
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	Paneth cell α -defensins HD-5 and HD-6 display differential degradation into active antimicrobial fragments. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3746-3751.	7.1	70
20	Chemokine Expression in Murine RPE/Choroid in Response to Systemic Viral Infection and Elevated Levels of Circulating Interferon- β . , 2019, 60, 192.		9
21	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. Cell Metabolism, 2019, 29, 50-63.e4.	16.2	50
22	Aberrant intestinal microbiota in individuals with prediabetes. Diabetologia, 2018, 61, 810-820.	6.3	313
23	Age-dependent alterations of glucose clearance and homeostasis are temporally separated and modulated by dietary fat. Journal of Nutritional Biochemistry, 2018, 54, 66-76.	4.2	12
24	Perturbations of NAD ⁺ salvage systems impact mitochondrial function and energy homeostasis in mouse myoblasts and intact skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E377-E395.	3.5	36
25	129 - Oral Delivery of Human Beta-Defensin 2 is Reversibly Increasing Microbiome Diversity and is Effective in the Treatment of Experimental Colitis. Gastroenterology, 2018, 154, S-34-S-35.	1.3	1
26	Metagenomic analysis of faecal microbiome as a tool towards targeted non-invasive biomarkers for colorectal cancer. Gut, 2017, 66, 70-78.	12.1	865
27	Prenatal exposure to paracetamol/acetaminophen and precursor aniline impairs masculinisation of male brain and behaviour. Reproduction, 2017, 154, 145-152.	2.6	37
28	Mucosal Vaccination with Heterologous Viral Vected Vaccine Targeting Subdominant SIV Accessory Antigens Strongly Inhibits Early Viral Replication. EBioMedicine, 2017, 18, 204-215.	6.1	15
29	Oral Lactobacillus Counts Predict Weight Gain Susceptibility: A 6-Year Follow-Up Study. Obesity Facts, 2017, 10, 473-482.	3.4	8
30	FFAR4 (GPR120) Signaling Is Not Required for Anti-Inflammatory and Insulin-Sensitizing Effects of Omega-3 Fatty Acids. Mediators of Inflammation, 2016, 2016, 1-12.	3.0	40
31	Dietary fat drives whole-body insulin resistance and promotes intestinal inflammation independent of body weight gain. Metabolism: Clinical and Experimental, 2016, 65, 1706-1719.	3.4	22
32	Human gut microbes impact host serum metabolome and insulin sensitivity. Nature, 2016, 535, 376-381.	27.8	1,506
33	p53 regulates expression of uncoupling protein 1 through binding and repression of PPAR γ coactivator-1 α . American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E116-E128.	3.5	26
34	Intrauterine Exposure to Paracetamol and Aniline Impairs Female Reproductive Development by Reducing Follicle Reserves and Fertility. Toxicological Sciences, 2016, 150, 178-189.	3.1	59
35	Targeting of Non-Dominant Antigens as a Vaccine Strategy to Broaden T-Cell Responses during Chronic Viral Infection. PLoS ONE, 2015, 10, e0117242.	2.5	16
36	Aniline Is Rapidly Converted Into Paracetamol Impairing Male Reproductive Development. Toxicological Sciences, 2015, 148, 288-298.	3.1	48

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37	Hepatic NAD salvage pathway is enhanced in mice on a high-fat diet. <i>Molecular and Cellular Endocrinology</i> , 2015, 412, 65-72.	3.2	29
38	Co-Expression of Tumor Antigen and Interleukin-2 From an Adenoviral Vector Augments the Efficiency of Therapeutic Tumor Vaccination. <i>Molecular Therapy</i> , 2014, 22, 2107-2117.	8.2	5
39	Midline 1 directs lytic granule exocytosis and cytotoxicity of mouse killer T cells. <i>European Journal of Immunology</i> , 2014, 44, 3109-3118.	2.9	16
40	Qualitative and Quantitative Analysis of Adenovirus Type 5 Vector-Induced Memory CD8 T Cells: Not as Bad as Their Reputation. <i>Journal of Virology</i> , 2013, 87, 6283-6295.	3.4	28
41	Adenovirus-Based Vaccine against <i>Listeria monocytogenes</i> : Extending the Concept of Invariant Chain Linkage. <i>Journal of Immunology</i> , 2013, 191, 4152-4164.	0.8	27
42	The Availability of a Functional Tumor Targeting T-Cell Repertoire Determines the Anti-Tumor Efficiency of Combination Therapy with Anti-CTLA-4 and Anti-4-1BB Antibodies. <i>PLoS ONE</i> , 2013, 8, e66081.	2.5	16
43	Increased Immunogenicity and Protective Efficacy of Influenza M2e Fused to a Tetramerizing Protein. <i>PLoS ONE</i> , 2012, 7, e46395.	2.5	35
44	Pre-Existing Vector Immunity Does Not Prevent Replication Deficient Adenovirus from Inducing Efficient CD8 T-Cell Memory and Recall Responses. <i>PLoS ONE</i> , 2012, 7, e34884.	2.5	24
45	Recombinant human β 2-defensin 2 delivery improves smoking-associated lung neutrophilia and bacterial exacerbation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 0, , .	2.9	3