

Belinda van't Land

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,842
citations

236833

25
h-index

265120

42
g-index

51
all docs

51
docs citations

51
times ranked

2794
citing authors

#	ARTICLE	IF	CITATIONS
1	Specific prebiotics modulate gut microbiota and immune activation in HAART-naive HIV-infected adults: results of the "COPA" pilot randomized trial. <i>Mucosal Immunology</i> , 2011, 4, 554-563.	2.7	177
2	Human Milk and Allergic Diseases: An Unsolved Puzzle. <i>Nutrients</i> , 2017, 9, 894.	1.7	111
3	Diversity of Human Milk Oligosaccharides and Effects on Early Life Immune Development. <i>Frontiers in Pediatrics</i> , 2018, 6, 239.	0.9	109
4	Iscoms Containing Purified Quillaja Saponins Upregulate both Th1-like and Th2-like Immune Responses. <i>Cellular Immunology</i> , 1997, 177, 69-76.	1.4	104
5	Pollen exposure weakens innate defense against respiratory viruses. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 576-587.	2.7	84
6	Human milk oligosaccharides protect against the development of autoimmune diabetes in NOD-mice. <i>Scientific Reports</i> , 2018, 8, 3829.	1.6	82
7	An evaluation of the inhibitory effects against rotavirus infection of edible plant extracts. <i>Virology Journal</i> , 2012, 9, 137.	1.4	80
8	Role of curcumin and the inhibition of NF- κ B in the onset of chemotherapy-induced mucosal barrier injury. <i>Leukemia</i> , 2004, 18, 276-284.	3.3	63
9	Reviewing the evidence on breast milk composition and immunological outcomes. <i>Nutrition Reviews</i> , 2019, 77, 541-556.	2.6	63
10	Human milk oligosaccharides promote immune tolerance via direct interactions with human dendritic cells. <i>European Journal of Immunology</i> , 2019, 49, 1001-1014.	1.6	63
11	Human Milk Oligosaccharide 2'-Fucosyllactose Improves Innate and Adaptive Immunity in an Influenza-Specific Murine Vaccination Model. <i>Frontiers in Immunology</i> , 2018, 9, 452.	2.2	60
12	Immunomodulation by Human Milk Oligosaccharides: The Potential Role in Prevention of Allergic Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 801.	2.2	59
13	Differential Toll-Like Receptor Recognition and Induction of Cytokine Profile by <i>Bifidobacterium breve</i> and <i>Lactobacillus</i> Strains of Probiotics. <i>Vaccine Journal</i> , 2011, 18, 621-628.	3.2	58
14	A minimally invasive tool to study immune response and skin barrier in children with atopic dermatitis. <i>British Journal of Dermatology</i> , 2019, 180, 621-630.	1.4	54
15	Measuring mucosal damage induced by cytotoxic therapy. <i>Supportive Care in Cancer</i> , 2004, 12, 227-233.	1.0	50
16	Altered Host-Microbe Interaction in HIV: A Target for Intervention with Pro- and Prebiotics. <i>International Reviews of Immunology</i> , 2010, 29, 485-513.	1.5	48
17	Supplementation With 2'-FL and scGOS/lcFOS Ameliorates Rotavirus-Induced Diarrhea in Suckling Rats. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 372.	1.8	44
18	Respiratory Syncytial Virus Induced Type I IFN Production by pDC Is Regulated by RSV-Infected Airway Epithelial Cells, RSV-Exposed Monocytes and Virus Specific Antibodies. <i>PLoS ONE</i> , 2013, 8, e81695.	1.1	42

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19	Regulatory T-cells have a prominent role in the immune modulated vaccine response by specific oligosaccharides. <i>Vaccine</i> , 2010, 28, 5711-5717.	1.7	41
20	Immunomodulatory and Prebiotic Effects of 2-FCFucosyllactose in Suckling Rats. <i>Frontiers in Immunology</i> , 2019, 10, 1773.	2.2	40
21	Transforming Growth Factor- β 2 protects the small intestine during methotrexate treatment in rats possibly by reducing stem cell cycling. <i>British Journal of Cancer</i> , 2002, 87, 113-118.	2.9	38
22	Role of Microbial Modulation in Management of Atopic Dermatitis in Children. <i>Nutrients</i> , 2017, 9, 854.	1.7	34
23	Specific Dietary Oligosaccharides Increase Th1 Responses in a Mouse Respiratory Syncytial Virus Infection Model. <i>Journal of Virology</i> , 2012, 86, 11472-11482.	1.5	31
24	Early-Life Nutritional Factors and Mucosal Immunity in the Development of Autoimmune Diabetes. <i>Frontiers in Immunology</i> , 2017, 8, 1219.	2.2	29
25	A gastrointestinal rotavirus infection mouse model for immune modulation studies. <i>Virology Journal</i> , 2011, 8, 109.	1.4	26
26	Exposure of Intestinal Epithelial Cells to 2-FCFucosyllactose and CpG Enhances Galectin Release and Instructs Dendritic Cells to Drive Th1 and Regulatory-Type Immune Development. <i>Biomolecules</i> , 2020, 10, 784.	1.8	25
27	Oligosaccharides Modulate Rotavirus-Associated Dysbiosis and TLR Gene Expression in Neonatal Rats. <i>Cells</i> , 2019, 8, 876.	1.8	21
28	Lactoferrin Reduces Methotrexate-Induced Small Intestinal Damage, Possibly Through Inhibition of GLP-2-Mediated Epithelial Cell Proliferation. <i>Digestive Diseases and Sciences</i> , 2004, 49, 425-433.	1.1	20
29	Immunometabolic Activation of Invariant Natural Killer T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1192.	2.2	20
30	The Combination of 2-FCFucosyllactose with Short-Chain Galacto-Oligosaccharides and Long-Chain Fructo-Oligosaccharides that Enhance Influenza Vaccine Responses Is Associated with Mucosal Immune Regulation in Mice. <i>Journal of Nutrition</i> , 2019, 149, 856-869.	1.3	19
31	Neonatal Antibiotic Treatment Is Associated With an Altered Circulating Immune Marker Profile at 1 Year of Age. <i>Frontiers in Immunology</i> , 2019, 10, 2939.	2.2	19
32	Influencing mucosal homeostasis and immune responsiveness: The impact of nutrition and pharmaceuticals. <i>European Journal of Pharmacology</i> , 2011, 668, S101-S107.	1.7	17
33	Exploring Immune Development in Infants With Moderate to Severe Atopic Dermatitis. <i>Frontiers in Immunology</i> , 2018, 9, 630.	2.2	16
34	Prebiotic oligosaccharides in early life alter gut microbiome development in male mice while supporting influenza vaccination responses. <i>Beneficial Microbes</i> , 2019, 10, 279-291.	1.0	16
35	Alterations in Regulatory T Cells Induced by Specific Oligosaccharides Improve Vaccine Responsiveness in Mice. <i>PLoS ONE</i> , 2013, 8, e75148.	1.1	14
36	Modulation of Toll-like receptor ligands and <i>Candida albicans</i> -induced cytokine responses by specific probiotics. <i>Cytokine</i> , 2012, 59, 159-165.	1.4	13

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37	Fusarium Mycotoxins Disrupt the Barrier and Induce IL-6 Release in a Human Placental Epithelium Cell Line. <i>Toxins</i> , 2019, 11, 665.	1.5	10
38	Breast Milk: Components with Immune Modulating Potential and Their Possible Role in Immune Mediated Disease Resistance. , 2010, , 25-41.		9
39	Exposure to Deoxynivalenol During Pregnancy and Lactation Enhances Food Allergy and Reduces Vaccine Responsiveness in the Offspring in a Mouse Model. <i>Frontiers in Immunology</i> , 2021, 12, 797152.	2.2	8
40	Combined Exposure of Activated Intestinal Epithelial Cells to Nondigestible Oligosaccharides and CpG-ODN Suppresses Th2-Associated CCL22 Release While Enhancing Galectin-9, TGF β 2, and Th1 Polarization. <i>Mediators of Inflammation</i> , 2019, 2019, 1-14.	1.4	6
41	A Fermented Milk Matrix Containing Postbiotics Supports Th1- and Th17-Type Immunity In Vitro and Modulates the Influenza-Specific Vaccination Response In Vivo in Association with Altered Serum Galectin Ratios. <i>Vaccines</i> , 2021, 9, 254.	2.1	6
42	Human Milk Oligosaccharide 3 α -GL Improves Influenza-Specific Vaccination Responsiveness and Immunity after Deoxynivalenol Exposure in Preclinical Models. <i>Nutrients</i> , 2021, 13, 3190.	1.7	6
43	Modulation of the Epithelial-Immune Cell Crosstalk and Related Galectin Secretion by DP3-5 Galacto-Oligosaccharides and 1 β -3 α -Galactosylactose. <i>Biomolecules</i> , 2022, 12, 384.	1.8	4
44	Immunometabolic factors in adolescent chronic disease are associated with Th1 skewing of invariant Natural Killer T cells. <i>Scientific Reports</i> , 2021, 11, 20082.	1.6	1
45	Analysing the protection from respiratory tract infections and allergic diseases early in life by human milk components: the PRIMA birth cohort. <i>BMC Infectious Diseases</i> , 2022, 22, 152.	1.3	1
46	Polarization of CD4+ T-cell response by specific dietary oligosaccharides. <i>European Journal of Pharmacology</i> , 2011, 668, e20.	1.7	0
47	A Novel Synbiotic Concept Derived From Cow's Milk-free Source Materials Beneficially Affects In Vivo Immune Responses In Murine Models For Influenza Vaccination And Cow'S Milk Allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, AB367.	1.5	0
48	Alteration of mouse microbiome composition affects immunity against RSV. <i>PharmaNutrition</i> , 2014, 2, 87.	0.8	0
49	SC tape stripping in children with AD with light and dark skin types. <i>British Journal of Dermatology</i> , 2019, 180, e73.	1.4	0