

Rjjoost J Van Neerven

List of Publications by Year in descending order

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91
papers

4,281
citations

147801

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118850

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93
docs citations

93
times ranked

5347
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular flux analyses reveal differences in mitochondrial PBMC metabolism between high-fit and low-fit females. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, 322, E141-E153.	3.5	8
2	Bovine Milk-Derived Extracellular Vesicles Inhibit Catabolic and Inflammatory Processes in Cartilage from Osteoarthritis Patients. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100764.	3.3	13
3	Receptor Mediated Effects of Advanced Glycation End Products (AGEs) on Innate and Adaptive Immunity: Relevance for Food Allergy. <i>Nutrients</i> , 2022, 14, 371.	4.1	21
4	Introduction of Heated Cow's Milk Protein in Challenge-Proven Cow's Milk Allergic Children: The iAGE Study. <i>Nutrients</i> , 2022, 14, 629.	4.1	6
5	Ingestion, Immunity, and Infection: Nutrition and Viral Respiratory Tract Infections. <i>Frontiers in Immunology</i> , 2022, 13, 841532.	4.8	11
6	A Double-Blind, Randomized Intervention Study on the Effect of a Whey Protein Concentrate on E. coli-Induced Diarrhea in a Human Infection Model. <i>Nutrients</i> , 2022, 14, 1204.	4.1	2
7	The Effect of Nutritional Intervention with Lactoferrin, Galactooligosaccharides and Vitamin D on the Gut Microbiota Composition of Healthy Elderly Women. <i>Nutrients</i> , 2022, 14, 2468.	4.1	4
8	Babies, Bugs, and Barriers: Dietary Modulation of Intestinal Barrier Function in Early Life. <i>Annual Review of Nutrition</i> , 2022, 42, 165-200.	10.1	12
9	Relevance of Early Introduction of Cow's Milk Proteins for Prevention of Cow's Milk Allergy. <i>Nutrients</i> , 2022, 14, 2659.	4.1	9
10	Novel standardized method for extracellular flux analysis of oxidative and glycolytic metabolism in peripheral blood mononuclear cells. <i>Scientific Reports</i> , 2021, 11, 1662.	3.3	15
11	Enhanced Uptake of Processed Bovine β -Lactoglobulin by Antigen Presenting Cells: Identification of Receptors and Implications for Allergenicity. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000834.	3.3	6
12	Asthma-Associated Long TSLP Inhibits the Production of IgA. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3592.	4.1	5
13	Regular Industrial Processing of Bovine Milk Impacts the Integrity and Molecular Composition of Extracellular Vesicles. <i>Journal of Nutrition</i> , 2021, 151, 1416-1425.	2.9	37
14	The role of allergen-specific IgE, IgG and IgA in allergic disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3627-3641.	5.7	100
15	Strategies and Future Opportunities for the Prevention, Diagnosis, and Management of Cow Milk Allergy. <i>Frontiers in Immunology</i> , 2021, 12, 608372.	4.8	31
16	Flood Control: How Milk-Derived Extracellular Vesicles Can Help to Improve the Intestinal Barrier Function and Break the Gut-Joint Axis in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 703277.	4.8	24
17	In Vitro Induction of Trained Innate Immunity by bIgG and Whey Protein Extracts. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9077.	4.1	8
18	Bovine IgG Prevents Experimental Infection With RSV and Facilitates Human T Cell Responses to RSV. <i>Frontiers in Immunology</i> , 2020, 11, 1701.	4.8	13

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19	The Impact of Milk and Its Components on Epigenetic Programming of Immune Function in Early Life and Beyond: Implications for Allergy and Asthma. <i>Frontiers in Immunology</i> , 2020, 11, 2141.	4.8	57
20	Mechanisms Underlying the Skin-Gut Cross Talk in the Development of IgE-Mediated Food Allergy. <i>Nutrients</i> , 2020, 12, 3830.	4.1	21
21	Binding of CML-Modified as Well as Heat-Glycated β -Lactoglobulin to Receptors for AGEs Is Determined by Charge and Hydrophobicity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4567.	4.1	11
22	Differential Effects of Dry vs. Wet Heating of β -Lactoglobulin on Formation of sRAGE Binding Ligands and sIgE Epitope Recognition. <i>Nutrients</i> , 2019, 11, 1432.	4.1	17
23	The Two Faces of Cow's Milk and Allergy: Induction of Cow's Milk Allergy vs. Prevention of Asthma. <i>Nutrients</i> , 2019, 11, 1945.	4.1	8
24	Sialyllactose and Galactooligosaccharides Promote Epithelial Barrier Functioning and Distinctly Modulate Microbiota Composition and Short Chain Fatty Acid Production In Vitro. <i>Frontiers in Immunology</i> , 2019, 10, 94.	4.8	80
25	Plasmacytoid dendritic cell and myeloid dendritic cell function in ageing: A comparison between elderly and young adult women. <i>PLoS ONE</i> , 2019, 14, e0225825.	2.5	20
26	Oral cholera vaccination promotes homing of IgA+ memory B cells to the large intestine and the respiratory tract. <i>Mucosal Immunology</i> , 2018, 11, 1254-1264.	6.0	34
27	Induction of human tolerogenic dendritic cells by β -sialyllactose via TLR4 is explained by LPS contamination. <i>Glycobiology</i> , 2018, 28, 126-130.	2.5	22
28	BAFF augments IgA2 and IL-10 production by TLR7/8 stimulated total peripheral blood B cells. <i>European Journal of Immunology</i> , 2018, 48, 283-292.	2.9	16
29	Bovine Lactoferrin Enhances TLR7-Mediated Responses in Plasmacytoid Dendritic Cells in Elderly Women: Results From a Nutritional Intervention Study With Bovine Lactoferrin, GOS and Vitamin D. <i>Frontiers in Immunology</i> , 2018, 9, 2677.	4.8	24
30	Induction of Trained Innate Immunity in Human Monocytes by Bovine Milk and Milk-Derived Immunoglobulin G. <i>Nutrients</i> , 2018, 10, 1378.	4.1	20
31	Immunological Effects of Human Milk Oligosaccharides. <i>Frontiers in Pediatrics</i> , 2018, 6, 190.	1.9	214
32	Cow's Milk and Immune Function in the Respiratory Tract: Potential Mechanisms. <i>Frontiers in Immunology</i> , 2018, 9, 143.	4.8	48
33	Effects of Bovine Immunoglobulins on Immune Function, Allergy, and Infection. <i>Frontiers in Nutrition</i> , 2018, 5, 52.	3.7	109
34	Bovine Lactoferrin Modulates Dendritic Cell Differentiation and Function. <i>Nutrients</i> , 2018, 10, 848.	4.1	22
35	The oligosaccharides β -sialyllactose, α -fucosyllactose or galactooligosaccharides do not directly modulate human dendritic cell differentiation or maturation. <i>PLoS ONE</i> , 2018, 13, e0200356.	2.5	16
36	Food Processing: The Influence of the Maillard Reaction on Immunogenicity and Allergenicity of Food Proteins. <i>Nutrients</i> , 2017, 9, 835.	4.1	131

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37	Nutrition and Allergic Diseases. <i>Nutrients</i> , 2017, 9, 762.	4.1	25
38	Toll-like receptor mediated activation is possibly involved in immunoregulating properties of cow's milk hydrolysates. <i>PLoS ONE</i> , 2017, 12, e0178191.	2.5	35
39	House dust mite-specific IgA2 is associated with protection against eczema in allergic patients. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 563-566.	5.7	7
40	A proteomics-based identification of putative biomarkers for disease in bovine milk. <i>Veterinary Immunology and Immunopathology</i> , 2016, 174, 11-18.	1.2	21
41	Human amniotic fluid antibodies protect the neonate against respiratory syncytial virus infection. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1477-1480.e5.	2.9	9
42	Milk Modulates <i>Campylobacter</i> Invasion into Caco-2 Intestinal Epithelial Cells. <i>European Journal of Microbiology and Immunology</i> , 2015, 5, 181-187.	2.8	1
43	Immunomodulating properties of protein hydrolysates for application in cow's milk allergy. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 206-217.	2.6	34
44	Consumption of unprocessed cow's milk protects infants from common respiratory infections. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 56-62.e2.	2.9	96
45	Mucosal Immune Development in Early Life: Setting the Stage. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015, 63, 251-268.	2.3	63
46	The effects of milk and colostrum on allergy and infection: Mechanisms and implications. <i>Animal Frontiers</i> , 2014, 4, 16-22.	1.7	12
47	Specificity and Effector Functions of Human RSV-Specific IgG from Bovine Milk. <i>PLoS ONE</i> , 2014, 9, e112047.	2.5	33
48	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 927-928.	2.9	0
49	The Mucosal Factors Retinoic Acid and TGF- β 1 Induce Phenotypically and Functionally Distinct Dendritic Cell Types. <i>International Archives of Allergy and Immunology</i> , 2013, 162, 225-236.	2.1	36
50	IgG Antibodies in Food Allergy Influence Allergen-Antibody Complex Formation and Binding to B Cells: A Role for Complement Receptors. <i>Journal of Immunology</i> , 2013, 191, 3526-3533.	0.8	26
51	Recent Developments in Basophil Research: Do Basophils Initiate and Perpetuate Type 2 T-Helper Cell Responses?. <i>International Archives of Allergy and Immunology</i> , 2013, 160, 7-17.	2.1	23
52	Selective carbohydrate utilization by lactobacilli and bifidobacteria. <i>Journal of Applied Microbiology</i> , 2013, 114, 1132-1146.	3.1	181
53	Vectorial secretion of interleukin-8 mediates autocrine signalling in intestinal epithelial cells via apically located CXCR1. <i>BMC Research Notes</i> , 2013, 6, 431.	1.4	30
54	A Consideration of Biomarkers to be Used for Evaluation of Inflammation in Human Nutritional Studies. <i>British Journal of Nutrition</i> , 2013, 109, S1-S34.	2.3	296

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55	Which factors in raw cow's milk contribute to protection against allergies?. Journal of Allergy and Clinical Immunology, 2012, 130, 853-858.	2.9	90
56	Effect of birch pollenâ€specific immunotherapy on birch pollenâ€related hazelnut allergy. Journal of Allergy and Clinical Immunology, 2011, 127, 100-101.e3.	2.9	40
57	The protective effect of farm milk consumption on childhood asthma and atopy: The GABRIELA study. Journal of Allergy and Clinical Immunology, 2011, 128, 766-773.e4.	2.9	244
58	Modulation of Human Immune Responses by Bovine Interleukin-10. PLoS ONE, 2011, 6, e18188.	2.5	26
59	Late rather than early responses of human dendritic cells highlight selective induction of cytokines, chemokines and growth factors by probiotic bacteria. Beneficial Microbes, 2010, 1, 109-119.	2.4	6
60	Relationship between facilitated allergen presentation and the presence of allergen-specific IgE in serum of atopic patients. Clinical and Experimental Immunology, 2008, 99, 289-293.	2.6	43
61	Mucolytic activity of bacterial and human chitinases. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 839-846.	2.4	21
62	Maintenance of tolerance to cow's milk in atopic individuals is characterized by high levels of specific immunoglobulin G4. Clinical and Experimental Allergy, 2007, 37, 1103-1110.	2.9	98
63	IgE-Mediated Allergen Presentation and Blocking Antibodies: Regulation of T-Cell Activation in Allergy. International Archives of Allergy and Immunology, 2006, 141, 119-129.	2.1	116
64	Blockade of CTLA-4 (CD152) enhances the murine antibody response to pneumococcal capsular polysaccharides. Journal of Leukocyte Biology, 2005, 78, 1060-1069.	3.3	5
65	A double-blind, placebo-controlled birch allergy vaccination study: inhibition of CD23-mediated serum-immunoglobulin E-facilitated allergen presentation. Clinical and Experimental Allergy, 2004, 34, 420-428.	2.9	77
66	A Novel Bispecific Antihuman CD40/CD86 Fusion Protein with T-cell Tolerizing Potential. Transplantation, 2004, 78, 1429-1438.	1.0	6
67	Dominating IgE-Binding Epitope of Bet v 1, the Major Allergen of Birch Pollen, Characterized by X-ray Crystallography and Site-Directed Mutagenesis. Journal of Immunology, 2003, 171, 3084-3090.	0.8	143
68	T lymphocyte expression of thrombospondin-1 and adhesion to extracellular matrix components. European Journal of Immunology, 2002, 32, 1069-1079.	2.9	44
69	Somatostatin receptor (SSTR) expression and function in normal and leukaemic T-cells. Evidence for selective effects on adhesion to extracellular matrix components via SSTR2 and/or 3. Clinical and Experimental Immunology, 2001, 125, 71-79.	2.6	34
70	Humanized Anti-IgE mAb Hu-901 Prevents the Activation of Allergen-Specific T Cells. International Archives of Allergy and Immunology, 2001, 124, 400-402.	2.1	26
71	T Cell Phenotypes of the Normal Nasal Mucosa: Induction of Th2 Cytokines and CCR3 Expression by IL-4. Journal of Immunology, 2001, 166, 2303-2310.	0.8	17
72	<i>Phleum pratense</i> -specific T cells of allergic rhinitis patients display a broader recognition pattern than <i>Phleum pratense</i> -specific serum immunoglobulin E. Clinical and Experimental Allergy, 2000, 30, 242-254.	2.9	5

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73	Differential Recognition of Recombinant Phl p 5 Isoallergens by Phl p 5-Specific T Cells. International Archives of Allergy and Immunology, 1999, 118, 125-128.	2.1	6
74	The role of allergen-specific T cells in the allergic immune response: relevance to allergy vaccination. Allergy: European Journal of Allergy and Clinical Immunology, 1999, 54, 552-561.	5.7	15
75	The CC-chemokine receptor 5 (CCR5) is a marker of, but not essential for the development of human Th1 cells. Tissue Antigens, 1999, 54, 572-577.	1.0	28
76	The late asthmatic response is associated with baseline allergen-specific proliferative responsiveness of peripheral T lymphocytes <i>in vitro</i> and serum interleukin-5. Clinical and Experimental Allergy, 1999, 29, 217-227.	2.9	43
77	Identification of a highly promiscuous and an HLA allele-specific T-cell epitope in the birch major allergen Bet v 1: HLA restriction, epitope mapping and TCR sequence comparisons. Clinical and Experimental Allergy, 1999, 29, 478-487.	2.9	23
78	Identification of isoform-specific T-cell epitopes in the major timothy grass pollen allergen, Phl p 5. Clinical and Experimental Allergy, 1999, 29, 1614-1625.	2.9	15
79	Highly heterogeneous Phl p 5-specific T cells from patients with allergic rhinitis differentially recognize recombinant Phl p 5 isoallergens. Journal of Allergy and Clinical Immunology, 1999, 104, 115-122.	2.9	27
80	Grass pollen allergens: new developments. Clinical and Experimental Allergy, 1998, 28, 784-787.	2.9	8
81	Requirement of CD28-CD86 costimulation for allergen-specific T cell proliferation and cytokine expression. Clinical and Experimental Allergy, 1998, 28, 808-816.	2.9	59
82	Dissection of the grass allergen-specific immune response in patients with allergies and control subjects: T-cell proliferation in patients does not correlate with specific serum IgE and skin reactivity. Journal of Allergy and Clinical Immunology, 1998, 101, 241-249.	2.9	33
83	B7-CD28 interaction is a late acting co-stimulatory signal for human T cell responses. International Immunology, 1997, 9, 1095-1102.	4.0	21
84	Three-Dimensional Structure and Epitopes of Bet v 1. International Archives of Allergy and Immunology, 1997, 113, 243-245.	2.1	17
85	Crossreactivity and T-cell epitope specificity of Bet v 1-specific T cells suggest the involvement of multiple isoallergens in sensitization to birch pollen. Clinical and Experimental Allergy, 1997, 27, 932-941.	2.9	32
86	X-ray and NMR structure of Bet v 1, the origin of birch pollen allergy. Nature Structural Biology, 1996, 3, 1040-1045.	9.7	362
87	Differential requirements for co-stimulatory signals from B7 family members by resting versus recently activated memory T cells towards soluble recall antigens. International Immunology, 1996, 8, 37-44.	4.0	38
88	Glucocorticosteroids affect functions of airway- and blood-derived human T-cell clones, favoring the Th1 profile through two mechanisms.. American Journal of Respiratory Cell and Molecular Biology, 1996, 14, 388-397.	2.9	40
89	Differential modulation of T helper type 1 (Th1) and T helper type 2 (Th2) cytokine secretion by prostaglandin E2 critically depends on interleukin-2. European Journal of Immunology, 1995, 25, 59-63.	2.9	178
90	Serum-IgE-facilitated allergen presentation in atopic disease. Journal of Immunology, 1993, 150, 3643-50.	0.8	147

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91	Structural comparison of $\hat{1}\pm/\hat{1}^2$ and $\hat{1}^3/\hat{1}^*$ T cell receptor-CD3 complexes reveals identical subunit interactions but distinct cross-linking patterns of T cell receptor chains. European Journal of Immunology, 1990, 20, 2105-2111.	2.9	23