

# Rjjoost J Van Neerven

## List of Publications by Year in descending order

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91  
papers

4,281  
citations

147566

31  
h-index

118652

62  
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93  
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docs citations

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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.	1.8	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.	1.5	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.	1.7	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.	1.7	6
5	Ingestion, Immunity, and Infection: Nutrition and Viral Respiratory Tract Infections. <i>Frontiers in Immunology</i> , 2022, 13, 841532.	2.2	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.	1.7	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.	1.7	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.	4.3	12
9	Relevance of Early Introduction of Cow's Milk Proteins for Prevention of Cow's Milk Allergy. <i>Nutrients</i> , 2022, 14, 2659.	1.7	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.	1.6	15
11	Enhanced Uptake of Processed Bovine $\beta$ -Lactoglobulin by Antigen Presenting Cells: Identification of Receptors and Implications for Allergenicity. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000834.	1.5	6
12	Asthma-Associated Long TSLP Inhibits the Production of IgA. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3592.	1.8	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.	1.3	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.	2.7	100
15	Strategies and Future Opportunities for the Prevention, Diagnosis, and Management of Cow Milk Allergy. <i>Frontiers in Immunology</i> , 2021, 12, 608372.	2.2	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.	2.2	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.	1.8	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.	2.2	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.	2.2	57
20	Mechanisms Underlying the Skin-Gut Cross Talk in the Development of IgE-Mediated Food Allergy. <i>Nutrients</i> , 2020, 12, 3830.	1.7	21
21	Binding of CML-Modified as Well as Heat-Glycated $\beta$ -Lactoglobulin to Receptors for AGEs Is Determined by Charge and Hydrophobicity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4567.	1.8	11
22	Differential Effects of Dry vs. Wet Heating of $\beta$ -Lactoglobulin on Formation of sRAGE Binding Ligands and sIgE Epitope Recognition. <i>Nutrients</i> , 2019, 11, 1432.	1.7	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.	1.7	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.	2.2	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.	1.1	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.	2.7	34
27	Induction of human tolerogenic dendritic cells by $\beta$ -sialyllactose via TLR4 is explained by LPS contamination. <i>Glycobiology</i> , 2018, 28, 126-130.	1.3	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.	1.6	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.	2.2	24
30	Induction of Trained Innate Immunity in Human Monocytes by Bovine Milk and Milk-Derived Immunoglobulin G. <i>Nutrients</i> , 2018, 10, 1378.	1.7	20
31	Immunological Effects of Human Milk Oligosaccharides. <i>Frontiers in Pediatrics</i> , 2018, 6, 190.	0.9	214
32	Cow's Milk and Immune Function in the Respiratory Tract: Potential Mechanisms. <i>Frontiers in Immunology</i> , 2018, 9, 143.	2.2	48
33	Effects of Bovine Immunoglobulins on Immune Function, Allergy, and Infection. <i>Frontiers in Nutrition</i> , 2018, 5, 52.	1.6	109
34	Bovine Lactoferrin Modulates Dendritic Cell Differentiation and Function. <i>Nutrients</i> , 2018, 10, 848.	1.7	22
35	The oligosaccharides $\beta$ -sialyllactose, $\beta$ -fucosyllactose or galactooligosaccharides do not directly modulate human dendritic cell differentiation or maturation. <i>PLoS ONE</i> , 2018, 13, e0200356.	1.1	16
36	Food Processing: The Influence of the Maillard Reaction on Immunogenicity and Allergenicity of Food Proteins. <i>Nutrients</i> , 2017, 9, 835.	1.7	131

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37	Nutrition and Allergic Diseases. <i>Nutrients</i> , 2017, 9, 762.	1.7	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.	1.1	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.	2.7	7
40	A proteomics-based identification of putative biomarkers for disease in bovine milk. <i>Veterinary Immunology and Immunopathology</i> , 2016, 174, 11-18.	0.5	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.	1.5	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.	1.5	1
43	Immunomodulating properties of protein hydrolysates for application in cow's milk allergy. <i>Pediatric Allergy and Immunology</i> , 2015, 26, 206-217.	1.1	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.	1.5	96
45	Mucosal Immune Development in Early Life: Setting the Stage. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015, 63, 251-268.	1.0	63
46	The effects of milk and colostrum on allergy and infection: Mechanisms and implications. <i>Animal Frontiers</i> , 2014, 4, 16-22.	0.8	12
47	Specificity and Effector Functions of Human RSV-Specific IgG from Bovine Milk. <i>PLoS ONE</i> , 2014, 9, e112047.	1.1	33
48	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 927-928.	1.5	0
49	The Mucosal Factors Retinoic Acid and TGF- $\beta$ 1 Induce Phenotypically and Functionally Distinct Dendritic Cell Types. <i>International Archives of Allergy and Immunology</i> , 2013, 162, 225-236.	0.9	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.	0.4	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.	0.9	23
52	Selective carbohydrate utilization by lactobacilli and bifidobacteria. <i>Journal of Applied Microbiology</i> , 2013, 114, 1132-1146.	1.4	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.	0.6	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.	1.2	296

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55	Which factors in raw cow's milk contribute to protection against allergies?. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 853-858.	1.5	90
56	Effect of birch pollen-specific immunotherapy on birch pollen-related hazelnut allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 100-101.e3.	1.5	40
57	The protective effect of farm milk consumption on childhood asthma and atopy: The GABRIELA study. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 766-773.e4.	1.5	244
58	Modulation of Human Immune Responses by Bovine Interleukin-10. <i>PLoS ONE</i> , 2011, 6, e18188.	1.1	26
59	Late rather than early responses of human dendritic cells highlight selective induction of cytokines, chemokines and growth factors by probiotic bacteria. <i>Beneficial Microbes</i> , 2010, 1, 109-119.	1.0	6
60	Relationship between facilitated allergen presentation and the presence of allergen-specific IgE in serum of atopic patients. <i>Clinical and Experimental Immunology</i> , 2008, 99, 289-293.	1.1	43
61	Mucolytic activity of bacterial and human chitinases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 839-846.	1.1	21
62	Maintenance of tolerance to cow's milk in atopic individuals is characterized by high levels of specific immunoglobulin G4. <i>Clinical and Experimental Allergy</i> , 2007, 37, 1103-1110.	1.4	98
63	IgE-Mediated Allergen Presentation and Blocking Antibodies: Regulation of T-Cell Activation in Allergy. <i>International Archives of Allergy and Immunology</i> , 2006, 141, 119-129.	0.9	116
64	Blockade of CTLA-4 (CD152) enhances the murine antibody response to pneumococcal capsular polysaccharides. <i>Journal of Leukocyte Biology</i> , 2005, 78, 1060-1069.	1.5	5
65	A double-blind, placebo-controlled birch allergy vaccination study: inhibition of CD23-mediated serum-immunoglobulin E-facilitated allergen presentation. <i>Clinical and Experimental Allergy</i> , 2004, 34, 420-428.	1.4	77
66	A Novel Bispecific Antihuman CD40/CD86 Fusion Protein with T-cell Tolerizing Potential. <i>Transplantation</i> , 2004, 78, 1429-1438.	0.5	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. <i>Journal of Immunology</i> , 2003, 171, 3084-3090.	0.4	143
68	T lymphocyte expression of thrombospondin-1 and adhesion to extracellular matrix components. <i>European Journal of Immunology</i> , 2002, 32, 1069-1079.	1.6	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. <i>Clinical and Experimental Immunology</i> , 2001, 125, 71-79.	1.1	34
70	Humanized Anti-IgE mAb Hu-901 Prevents the Activation of Allergen-Specific T Cells. <i>International Archives of Allergy and Immunology</i> , 2001, 124, 400-402.	0.9	26
71	T Cell Phenotypes of the Normal Nasal Mucosa: Induction of Th2 Cytokines and CCR3 Expression by IL-4. <i>Journal of Immunology</i> , 2001, 166, 2303-2310.	0.4	17
72	Phleum pratense-specific T cells of allergic rhinitis patients display a broader recognition pattern than Phleum pratense-specific serum immunoglobulin E. <i>Clinical and Experimental Allergy</i> , 2000, 30, 242-254.	1.4	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.	0.9	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.	2.7	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 in vitro and serum interleukin-5. Clinical and Experimental Allergy, 1999, 29, 217-227.	1.4	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.	1.4	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.	1.4	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.	1.5	27
80	Grass pollen allergens: new developments. Clinical and Experimental Allergy, 1998, 28, 784-787.	1.4	8
81	Requirement of CD28-CD86 costimulation for allergen-specific T cell proliferation and cytokine expression. Clinical and Experimental Allergy, 1998, 28, 808-816.	1.4	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.	1.5	33
83	B7-CD28 interaction is a late acting co-stimulatory signal for human T cell responses. International Immunology, 1997, 9, 1095-1102.	1.8	21
84	Three-Dimensional Structure and Epitopes of Bet v 1. International Archives of Allergy and Immunology, 1997, 113, 243-245.	0.9	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.	1.4	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.	1.8	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.	1.4	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.	1.6	178
90	Serum-IgE-facilitated allergen presentation in atopic disease. Journal of Immunology, 1993, 150, 3643-50.	0.4	147

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91	Structural comparison of $\alpha\epsilon/\beta 2$ and $\alpha 3/\beta 1$ T cell receptor-CD3 complexes reveals identical subunit interactions but distinct cross-linking patterns of T cell receptor chains. <i>European Journal of Immunology</i> , 1990, 20, 2105-2111.	1.6	23