Johan Garssen

List of Publications by Year in descending order

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341 papers	13,426 citations	18482 62 h-index	42399 92 g-index
352 all docs	352 docs citations	352 times ranked	16365 citing authors

#	Article	IF	Citations
1	Altered gut microbiota and activity in a murine model of autism spectrum disorders. Brain, Behavior, and Immunity, 2014, 37, 197-206.	4.1	366
2	Pro- and anti-inflammatory effects of short chain fatty acids on immune and endothelial cells. European Journal of Pharmacology, 2018, 831, 52-59.	3.5	341
3	Role of TLR4 in the gut-brain axis in Parkinsonâ€™s disease: a translational study from men to mice. Gut, 2019, 68, 829-843.	12.1	290
4	Recovery of extracellular vesicles from human breast milk is influenced by sample collection and vesicle isolation procedures. Journal of Extracellular Vesicles, 2014, 3, .	12.2	219
5	Exploring Braakâ€™s Hypothesis of Parkinsonâ€™s Disease. Frontiers in Neurology, 2017, 8, 37.	2.4	210
6	The Anti-inflammatory Effects of Short Chain Fatty Acids on Lipopolysaccharide- or Tumor Necrosis Factor Î±-Stimulated Endothelial Cells via Activation of GPR41/43 and Inhibition of HDACs. Frontiers in Pharmacology, 2018, 9, 533.	3.5	181
7	Immunoglobulin-free light chains elicit immediate hypersensitivity-like responses. Nature Medicine, 2002, 8, 694-701.	30.7	177
8	Differences in Susceptibility to Heat Stress along the Chicken Intestine and the Protective Effects of Galacto-Oligosaccharides. PLoS ONE, 2015, 10, e0138975.	2.5	172
9	Immune-Modulatory Effects and Potential Working Mechanisms of Orally Applied Nondigestible Carbohydrates. Critical Reviews in Immunology, 2007, 27, 97-140.	0.5	171
10	Shaping the Gut Microbiota by Breastfeeding: The Gateway to Allergy Prevention?. Frontiers in Pediatrics, 2019, 7, 47.	1.9	159
11	Decreased pro-inflammatory cytokine production by LPS-stimulated PBMC upon in vitro incubation with the flavonoids apigenin, luteolin or chrysin, due to selective elimination of monocytes/macrophages. Biochemical Pharmacology, 2005, 69, 241-248.	4.4	157
12	The gut-brain axis in Parkinson's disease: Possibilities for food-based therapies. European Journal of Pharmacology, 2017, 817, 86-95.	3.5	155
13	Pathways underlying the gut-to-brain connection in autism spectrum disorders as future targets for disease management. European Journal of Pharmacology, 2011, 668, S70-S80.	3.5	154
14	The intestinal barrier as an emerging target in the toxicological assessment of mycotoxins. Archives of Toxicology, 2017, 91, 1007-1029.	4.2	143
15	Non-IgE mediated mast cell activation. European Journal of Pharmacology, 2016, 778, 33-43.	3.5	140
16	Postbiotics produced by lactic acid bacteria: The next frontier in food safety. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 3390-3415.	11.7	140
17	Cancers Related to Immunodeficiencies: Update and Perspectives. Frontiers in Immunology, 2016, 7, 365.	4.8	137
18	Cow Milk Allergy Symptoms Are Reduced in Mice Fed Dietary Synbiotics during Oral Sensitization with Whey. Journal of Nutrition, 2009, 139, 1398-1403.	2.9	131

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19	Galacto-oligosaccharides and long-chain fructo-oligosaccharides as prebiotics in infant formulas: A review. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 22-26.	1.5	130
20	Comprehensive Proteomic Analysis of Human Milk-derived Extracellular Vesicles Unveils a Novel Functional Proteome Distinct from Other Milk Components. Molecular and Cellular Proteomics, 2016, 15, 3412-3423.	3.8	129
21	A specific prebiotic oligosaccharide mixture stimulates delayed-type hypersensitivity in a murine influenza vaccination model. International Immunopharmacology, 2006, 6, 1277-1286.	3.8	117
22	The roles of miRNAs as potential biomarkers in lung diseases. European Journal of Pharmacology, 2016, 791, 395-404.	3.5	116
23	Deoxynivalenol: a trigger for intestinal integrity breakdown. FASEB Journal, 2014, 28, 2414-2429.	0.5	114
24	Exhaustion of T lymphocytes in the tumor microenvironment: Significance and effective mechanisms. Cellular Immunology, 2017, 322, 1-14.	3.0	114
25	Molecular Insights into the Mechanism of Necroptosis: The Necrosome as a Potential Therapeutic Target. Cells, 2019, 8, 1486.	4.1	112
26	Mechanisms underlying immune effects of dietary oligosaccharides. American Journal of Clinical Nutrition, 2013, 98, 572S-577S.	4.7	111
27	Human Milk and Allergic Diseases: An Unsolved Puzzle. Nutrients, 2017, 9, 894.	4.1	111
28	Diversity of Human Milk Oligosaccharides and Effects on Early Life Immune Development. Frontiers in Pediatrics, 2018, 6, 239.	1.9	109
29	Galacto-oligosaccharides Protect the Intestinal Barrier by Maintaining the Tight Junction Network and Modulating the Inflammatory Responses after a Challenge with the Mycotoxin Deoxynivalenol in Human Caco-2 Cell Monolayers and B6C3F1 Mice. Journal of Nutrition, 2015, 145, 1604-1613.	2.9	106
30	Exosomes and Exosomal miRNA in Respiratory Diseases. Mediators of Inflammation, 2016, 2016, 1-11.	3.0	106
31	Breast-Feeding and Its Role in Early Development of the Immune System in Infants: Consequences for Health Later in Life1,. Journal of Nutrition, 2008, 138, 1782S-1790S.	2.9	102
32	The Interplay between the Gut Microbiome and the Immune System in the Context of Infectious Diseases throughout Life and the Role of Nutrition in Optimizing Treatment Strategies. Nutrients, 2021, 13, 886.	4.1	100
33	Dietary supplementation of neutral and acidic oligosaccharides enhances Th1-dependent vaccination responses in mice. Pediatric Allergy and Immunology, 2007, 18, 304-312.	2.6	98
34	Nitric Oxide in the Pathogenesis and Treatment of Tuberculosis. Frontiers in Microbiology, 2017, 8, 2008.	3.5	97
35	Effect of mesenchymal stem cellâ€derived exosomes on the induction of mouse tolerogenic dendritic cells. Journal of Cellular Physiology, 2020, 235, 7043-7055.	4.1	97
36	Galactoâ€oligosaccharides and longâ€chain fructoâ€oligosaccharides as prebiotics in infant formulas: A review. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 22-26.	1.5	92

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37	Bifidobacterium breve and Lactobacillus rhamnosus treatment is as effective as budesonide at reducing inflammation in a murine model for chronic asthma. Respiratory Research, 2014, 15, 46.	3.6	92
38	Chemotherapy: a double-edged sword in cancer treatment. Cancer Immunology, Immunotherapy, 2022, 71, 507-526.	4.2	91
39	Beyond Heat Stress: Intestinal Integrity Disruption and Mechanism-Based Intervention Strategies. Nutrients, 2020, 12, 734.	4.1	90
40	Functional foods and dietary supplements: Products at the interface between pharma and nutrition. European Journal of Pharmacology, 2011, 668, S2-S9.	3.5	87
41	The neonatal window of opportunityâ€"early priming for life. Journal of Allergy and Clinical Immunology, 2018, 141, 1212-1214.	2.9	87
42	Pollen exposure weakens innate defense against respiratory viruses. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 576-587.	5.7	84
43	Deoxynivalenol Impairs Weight Gain and Affects Markers of Gut Health after Low-Dose, Short-Term Exposure of Growing Pigs. Toxins, 2015, 7, 2071-2095.	3.4	82
44	Human milk oligosaccharides protect against the development of autoimmune diabetes in NOD-mice. Scientific Reports, 2018, 8, 3829.	3.3	82
45	Perinatal and Early-Life Nutrition, Epigenetics, and Allergy. Nutrients, 2021, 13, 724.	4.1	82
46	Anti-Inflammatory Effects of Lactobacillus Rahmnosus and Bifidobacterium Breve on Cigarette Smoke Activated Human Macrophages. PLoS ONE, 2015, 10, e0136455.	2.5	81
47	Oligosaccharide-Induced Whey-Specific CD25+ Regulatory T-Cells Are Involved in the Suppression of Cow Milk Allergy in Mice. Journal of Nutrition, 2010, 140, 835-841.	2.9	78
48	Early life antibiotic use and the risk of asthma and asthma exacerbations in children. Pediatric Allergy and Immunology, 2017, 28, 430-437.	2.6	77
49	A synbiotic-containing amino-acid-based formula improves gut microbiota in non-IgE-mediated allergic infants. Pediatric Research, 2018, 83, 677-686.	2.3	76
50	Cigarette smoke-induced lung emphysema in mice is associated with prolyl endopeptidase, an enzyme involved in collagen breakdown. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L255-L265.	2.9	75
51	Intestinal inflammation in a murine model of autism spectrum disorders. Brain, Behavior, and Immunity, 2014, 37, 240-247.	4.1	75
52	The Potential Biomarkers and Immunological Effects of Tumor-Derived Exosomes in Lung Cancer. Frontiers in Immunology, 2018, 9, 819.	4.8	75
53	Characterizing microbiota-independent effects of oligosaccharides on intestinal epithelial cells: insight into the role of structure and size. European Journal of Nutrition, 2017, 56, 1919-1930.	3.9	73
54	Glycan recognition at the interface of the intestinal immune system: Target for immune modulation via dietary components. European Journal of Pharmacology, 2011, 668, S124-S132.	3.5	72

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55	Long-term Topical Exposure to Toluene Diisocyanate in Mice Leads to Antibody Production andIn VivoAirway Hyperresponsiveness Three Hours after Intranasal Challenge. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 1074-1080.	5.6	69
56	Oral tolerance induction by partially hydrolyzed whey protein in mice is associated with enhanced numbers of Foxp3‹sup›+‹/sup› regulatory Tâ€cells in the mesenteric lymph nodes. Pediatric Allergy and Immunology, 2011, 22, 820-826.	2.6	69
57	Intestinal Epithelium-Derived Galectin-9 Is Involved in the Immunomodulating Effects of Nondigestible Oligosaccharides. Journal of Innate Immunity, 2013, 5, 625-638.	3.8	68
58	Gutâ€“brain and brainâ€“gut axis in Parkinson's disease models: Effects of a uridine and fish oil diet. Nutritional Neuroscience, 2018, 21, 391-402.	3.1	68
59	In Vitro Evidence for Immune-Modulatory Properties of Non-Digestible Oligosaccharides: Direct Effect on Human Monocyte Derived Dendritic Cells. PLoS ONE, 2015, 10, e0132304.	2.5	68
60	Oral treatment with Î²â€lactoglobulin peptides prevents clinical symptoms in a mouse model for cow's milk allergy. Pediatric Allergy and Immunology, 2013, 24, 656-664.	2.6	67
61	Bifidobacterium breve Attenuates Murine Dextran Sodium Sulfate-Induced Colitis and Increases Regulatory T Cell Responses. PLoS ONE, 2014, 9, e95441.	2.5	67
62	Classification and specific primer design for accurate detection of SARS-CoV-2 using deep learning. Scientific Reports, 2021, 11, 947.	3.3	66
63	Gut Vibes in Parkinson's Disease: The Microbiotaâ€Gutâ€Brain Axis. Movement Disorders Clinical Practice, 2019, 6, 639-651.	1.5	65
64	Reviewing the evidence on breast milk composition and immunological outcomes. Nutrition Reviews, 2019, 77, 541-556.	5.8	63
65	Human milk oligosaccharides promote immune tolerance via direct interactions with human dendritic cells. European Journal of Immunology, 2019, 49, 1001-1014.	2.9	63
66	Mechanisms of allergy and asthma. European Journal of Pharmacology, 2008, 585, 354-360.	3.5	62
67	Pharmaâ€“nutrition interface: The gap is narrowing. European Journal of Pharmacology, 2011, 651, 1-8.	3.5	62
68	The Gut Microbiota as a Therapeutic Target in IBD and Metabolic Disease: A Role for the Bile Acid Receptors FXR and TGR5. Microorganisms, 2015, 3, 641-666.	3.6	61
69	Autistic-like behavioural and neurochemical changes in a mouse model of food allergy. Behavioural Brain Research, 2014, 261, 265-274.	2.2	60
70	Human Milk Oligosaccharide 2â€²-Fucosyllactose Improves Innate and Adaptive Immunity in an Influenza-Specific Murine Vaccination Model. Frontiers in Immunology, 2018, 9, 452.	4.8	60
71	Time and Concentration Dependent Effects of Short Chain Fatty Acids on Lipopolysaccharide- or Tumor Necrosis Factor Î±-Induced Endothelial Activation. Frontiers in Pharmacology, 2018, 9, 233.	3.5	59
72	Immunomodulation by Human Milk Oligosaccharides: The Potential Role in Prevention of Allergic Diseases. Frontiers in Immunology, 2020, 11, 801.	4.8	59

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73	Apical TLR ligation of intestinal epithelial cells drives a Th1-polarized regulatory or inflammatory type effector response in vitro. Immunobiology, 2011, 216, 518-527.	1.9	58
74	Mental resilience, perceived immune functioning, and health. Journal of Multidisciplinary Healthcare, 2017, Volume 10, 107-112.	2.7	57
75	Development and Validation of the Immune Status Questionnaire (ISQ). International Journal of Environmental Research and Public Health, 2019, 16, 4743.	2.6	57
76	The Impact of Milk and Its Components on Epigenetic Programming of Immune Function in Early Life and Beyond: Implications for Allergy and Asthma. Frontiers in Immunology, 2020, 11, 2141.	4.8	57
77	Acute Allergic Skin Reactions and Intestinal Contractility Changes in Mice Orally Sensitized against Casein or Whey. International Archives of Allergy and Immunology, 2008, 147, 125-134.	2.1	56
78	Conjugated Alpha-Alumina nanoparticle with vasoactive intestinal peptide as a Nano-drug in treatment of allergic asthma in mice. European Journal of Pharmacology, 2016, 791, 811-820.	3.5	56
79	An Association between Neutrophils and Immunoglobulin Free Light Chains in the Pathogenesis of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 817-824.	5.6	55
80	Evidence for M2 macrophages in granulomas from pulmonary sarcoidosis: A new aspect of macrophage heterogeneity. Human Immunology, 2018, 79, 63-69.	2.4	54
81	Activation of Resolution Pathways to Prevent and Fight Chronic Inflammation: Lessons From Asthma and Inflammatory Bowel Disease. Frontiers in Immunology, 2019, 10, 1699.	4.8	54
82	Immunological Outcomes of Allergen-Specific Immunotherapy in Food Allergy. Frontiers in Immunology, 2020, 11, 568598.	4.8	53
83	Contribution of IgE and immunoglobulin free light chain in the allergic reaction to cow's milk proteins. Journal of Allergy and Clinical Immunology, 2010, 125, 1308-1314.	2.9	52
84	Extracellular Vesicles Modulate Host-Microbe Responses by Altering TLR2 Activity and Phagocytosis. PLoS ONE, 2014, 9, e89121.	2.5	51
85	Bovis Bacillus Calmetteâ€“Guerin (BCG) infection induces exosomal miRNA release by human macrophages. Journal of Translational Medicine, 2017, 15, 105.	4.4	51
86	The combination of Bifidobacterium breve with non-digestible oligosaccharides suppresses airway inflammation in a murine model for chronic asthma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 573-583.	3.8	50
87	Effects of the polyunsaturated fatty acids, EPA and DHA, on hematological malignancies: a systematic review. Oncotarget, 2018, 9, 11858-11875.	1.8	50
88	Raw cowâ€™s milk consumption and allergic diseases â€“ The potential role of bioactive whey proteins. European Journal of Pharmacology, 2019, 843, 55-65.	3.5	49
89	Serum Exosomal miRNAs Are Associated with Active Pulmonary Tuberculosis. Disease Markers, 2019, 2019, 1-9.	1.3	48
90	Psychological co-morbidities in COPD: Targeting systemic inflammation, a benefit for both?. European Journal of Pharmacology, 2019, 842, 99-110.	3.5	48

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91	DCIR interacts with ligands from both endogenous and pathogenic origin. Immunology Letters, 2014, 158, 33-41.	2.5	47
92	Dietary, nondigestible oligosaccharides and Bifidobacterium breve M-16V suppress allergic inflammation in intestine via targeting dendritic cell maturation. Journal of Leukocyte Biology, 2017, 102, 105-115.	3.3	47
93	Functional Inhibitory Siglec-6 Is Upregulated in Human Colorectal Cancer-Associated Mast Cells. Frontiers in Immunology, 2018, 9, 2138.	4.8	47
94	Human mast cells promote colon cancer growth via bidirectional crosstalk: studies in 2D and 3D coculture models. OncoImmunology, 2018, 7, e1504729.	4.6	47
95	The Gut-Immune-Brain Axis in Autism Spectrum Disorders; A Focus on Amino Acids. Frontiers in Endocrinology, 2019, 10, 247.	3.5	47
96	The Role of Alcohol Metabolism in the Pathology of Alcohol Hangover. Journal of Clinical Medicine, 2020, 9, 3421.	2.4	46
97	The Use of Single-Item Ratings Versus Traditional Multiple-Item Questionnaires to Assess Mood and Health. European Journal of Investigation in Health, Psychology and Education, 2021, 11, 183-198.	1.9	46
98	Dietary galacto-oligosaccharides prevent airway eosinophilia and hyperresponsiveness in a murine house dust mite-induced asthma model. Respiratory Research, 2015, 16, 17.	3.6	45
99	Microbes Tickling Your Tummy: the Importance of the Gut-Brain Axis in Parkinsonâ€™s Disease. Current Behavioral Neuroscience Reports, 2017, 4, 361-368.	1.3	44
100	Supplementation With 2â€²-FL and scGOS/lcFOS Ameliorates Rotavirus-Induced Diarrhea in Suckling Rats. Frontiers in Cellular and Infection Microbiology, 2018, 8, 372.	3.9	44
101	Human Milk Blocks DC-SIGNâ€“Pathogen Interaction via MUC1. Frontiers in Immunology, 2015, 6, 112.	4.8	43
102	Raw Cowâ€™s Milk Prevents the Development of Airway Inflammation in a Murine House Dust Mite-Induced Asthma Model. Frontiers in Immunology, 2017, 8, 1045.	4.8	43
103	The two faces of mast cells in food allergy and allergic asthma: The possible concept of Yin Yang. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 93-99.	3.8	42
104	Milk processing increases the allergenicity of cowâ€™s milkâ€”Preclinical evidence supported by a human proofâ€ofâ€concept provocation pilot. Clinical and Experimental Allergy, 2019, 49, 1013-1025.	2.9	42
105	Regulatory T-cells have a prominent role in the immune modulated vaccine response by specific oligosaccharides. Vaccine, 2010, 28, 5711-5717.	3.8	41
106	Supplementing Pregnant Mice with a Specific Mixture of Nondigestible Oligosaccharides Reduces Symptoms of Allergic Asthma in Male Offspring. Journal of Nutrition, 2015, 145, 640-646.	2.9	41
107	Strain-Specific Probiotic Properties of Bifidobacteria and Lactobacilli for the Prevention of Diarrhea Caused by Rotavirus in a Preclinical Model. Nutrients, 2020, 12, 498.	4.1	41
108	Nonâ€digestible oligosaccharides reduce immunoglobulin free lightâ€chain concentrations in infants at risk for allergy. Pediatric Allergy and Immunology, 2011, 22, 537-542.	2.6	40

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109	Immunomodulatory and Prebiotic Effects of 2â€²-Fucosyllactose in Suckling Rats. Frontiers in Immunology, 2019, 10, 1773.	4.8	40
110	Raw Cowâ€™s Milk Reduces Allergic Symptoms in a Murine Model for Food Allergyâ€”A Potential Role For Epigenetic Modifications. Nutrients, 2019, 11, 1721.	4.1	40
111	Deoxynivalenol and Its Modified Forms: Are There Major Differences?. Toxins, 2016, 8, 334.	3.4	39
112	Evaluating Human Intestinal Cell Lines for Studying Dietary Protein Absorption. Nutrients, 2018, 10, 322.	4.1	39
113	Support of drug therapy using functional foods and dietary supplements: focus on statin therapy. British Journal of Nutrition, 2010, 103, 1260-1277.	2.3	38
114	Food-derived oligosaccharides exhibit pharmaceutical properties. European Journal of Pharmacology, 2011, 668, S117-S123.	3.5	38
115	Galacto-oligosaccharides exert a protective effect against heat stress in a Caco-2 cell model. Journal of Functional Foods, 2015, 16, 265-277.	3.4	38
116	Machine Learning-Based Ensemble Recursive Feature Selection of Circulating miRNAs for Cancer Tumor Classification. Cancers, 2020, 12, 1785.	3.7	38
117	Supplementation of Mice with Specific Nondigestible Oligosaccharides during Pregnancy or Lactation Leads to Diminished Sensitization and Allergy in the Female Offspring. Journal of Nutrition, 2015, 145, 996-1002.	2.9	37
118	Neuroprotective and cognitive enhancing effects of a multi-targeted food intervention in an animal model of neurodegeneration and depression. Neuropharmacology, 2014, 79, 738-749.	4.1	35
119	Exposure of Intestinal Epithelial Cells to UV-Killed <i>Lactobacillus GG </i>but Not <i>Bifidobacterium breve </i>Enhances the Effector Immune Response in vitro. International Archives of Allergy and Immunology, 2010, 152, 159-168.	2.1	34
120	A potential role for CD25⁺ regulatory T-cells in the protection against casein allergy by dietary non-digestible carbohydrates. British Journal of Nutrition, 2012, 107, 96-105.	2.3	34
121	Role of Microbial Modulation in Management of Atopic Dermatitis in Children. Nutrients, 2017, 9, 854.	4.1	34
122	PLGA nanoparticles loaded with beta-lactoglobulin-derived peptides modulate mucosal immunity and may facilitate cow's milk allergy prevention. European Journal of Pharmacology, 2018, 818, 211-220.	3.5	34
123	Preventive Effect of a Synbiotic Combination of Galacto- and Fructooligosaccharides Mixture With Bifidobacterium breve M-16V in a Model of Multiple Rotavirus Infections. Frontiers in Immunology, 2018, 9, 1318.	4.8	34
124	Prevention of Rotavirus Diarrhea in Suckling Rats by a Specific Fermented Milk Concentrate with Prebiotic Mixture. Nutrients, 2019, 11, 189.	4.1	34
125	Butyrate and propionate restore interleukin 13â€compromised esophageal epithelial barrier function. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1510-1521.	5.7	34
126	Specific prebiotic oligosaccharides modulate the early phase of a murine vaccination response. International Immunopharmacology, 2010, 10, 619-625.	3.8	33

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127	Improved Efficacy of Oral Immunotherapy Using Non-Digestible Oligosaccharides in a Murine Cowâ€™s Milk Allergy Model: A Potential Role for Foxp3+ Regulatory T Cells. Frontiers in Immunology, 2017, 8, 1230.	4.8	33
128	Does Neutrophil Phenotype Predict the Survival of Trauma Patients?. Frontiers in Immunology, 2019, 10, 2122.	4.8	33
129	Butyrate and Propionate Restore the Cytokine and House Dust Mite Compromised Barrier Function of Human Bronchial Airway Epithelial Cells. International Journal of Molecular Sciences, 2021, 22, 65.	4.1	33
130	Dietary intake of fibers: differential effects in men and women on perceived general health and immune functioning. Food and Nutrition Research, 2017, 61, 1297053.	2.6	32
131	A specific synbiotic-containing amino acid-based formula in dietary management of cowâ€™s milk allergy: a randomized controlled trial. Clinical and Translational Allergy, 2019, 9, 5.	3.2	32
132	Free Amino Acids in Human Milk: A Potential Role for Glutamine and Glutamate in the Protection Against Neonatal Allergies and Infections. Frontiers in Immunology, 2020, 11, 1007.	4.8	32
133	Selective Inhibition of COX-2 by a Standardized CO2Extract ofHumulus lupulus in vitroand its Activity in a Mouse Model of Zymosan-Induced Arthritis. Planta Medica, 2006, 72, 228-233.	1.3	31
134	Specific Dietary Oligosaccharides Increase Th1 Responses in a Mouse Respiratory Syncytial Virus Infection Model. Journal of Virology, 2012, 86, 11472-11482.	3.4	31
135	The Neuroâ€Immune Axis: Prospect for Novel Treatments for Mental Disorders. Basic and Clinical Pharmacology and Toxicology, 2014, 114, 128-136.	2.5	31
136	Pharmacogenomics and targeted therapy of cancer: Focusing on non-small cell lung cancer. European Journal of Pharmacology, 2015, 754, 82-91.	3.5	31
137	Exosomes in Severe Asthma: Update in Their Roles and Potential in Therapy. BioMed Research International, 2018, 2018, 1-10.	1.9	31
138	The Inflammatory Response to Alcohol Consumption and Its Role in the Pathology of Alcohol Hangover. Journal of Clinical Medicine, 2020, 9, 2081.	2.4	31
139	Longitudinal Variation of Amino Acid Levels in Human Milk and Their Associations with Infant Gender. Nutrients, 2018, 10, 1233.	4.1	30
140	A mixture of three prebiotics does not affect vaccine specific antibody responses in healthy term infants in the first year of life. Vaccine, 2011, 29, 7766-7772.	3.8	29
141	Role of Cellular Immunity in Cowâ€™s Milk Allergy: Pathogenesis, Tolerance Induction, and Beyond. Mediators of Inflammation, 2014, 2014, 1-10.	3.0	29
142	Measurement of airway function using invasive and non-invasive methods in mild and severe models for allergic airway inflammation in mice. Frontiers in Pharmacology, 2014, 5, 190.	3.5	29
143	Postâ€sensitization administration of nonâ€digestible oligosaccharides and Bifidobacterium breve Mâ€16V reduces allergic symptoms in mice. Immunity, Inflammation and Disease, 2016, 4, 155-165.	2.7	29
144	Early-Life Nutritional Factors and Mucosal Immunity in the Development of Autoimmune Diabetes. Frontiers in Immunology, 2017, 8, 1219.	4.8	29

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145	Suppression of Food Allergic Symptoms by Raw Cowâ€™s Milk in Mice is Retained after Skimming but Abolished after Heating the Milkâ€”A Promising Contribution of Alkaline Phosphatase. Nutrients, 2019, 11, 1499.	4.1	29
146	Evidence-based benefits of specific mixtures of non-digestible oligosaccharides on the immune system. Carbohydrate Polymers, 2013, 93, 263-265.	10.2	28
147	In vitro evaluation of intestinal epithelial TLR activation in preventing food allergic responses. Clinical Immunology, 2014, 154, 91-99.	3.2	27
148	Supplementation of dietary non-digestible oligosaccharides from birth onwards improve social and reduce anxiety-like behaviour in male BALB/c mice. Nutritional Neuroscience, 2020, 23, 896-910.	3.1	27
149	A gastrointestinal rotavirus infection mouse model for immune modulation studies. Virology Journal, 2011, 8, 109.	3.4	26
150	Partially hydrolyzed whey proteins prevent clinical symptoms in a cow's milk allergy mouse model and enhance regulatory T and B cell frequencies. Molecular Nutrition and Food Research, 2017, 61, 1700340.	3.3	26
151	Tolerance development in cowâ€™s milkâ€“allergic infants receiving amino acidâ€“based formula: A randomized controlled trial. Journal of Allergy and Clinical Immunology, 2022, 149, 650-658.e5.	2.9	26
152	Dietary Fatty Acids Affect the Immune System in Male Mice Sensitized to Ovalbumin or Vaccinated with Influenza,. Journal of Nutrition, 2011, 141, 698-702.	2.9	25
153	DHA-Rich Tuna Oil Effectively Suppresses Allergic Symptoms in Mice Allergic to Whey or Peanut. Journal of Nutrition, 2014, 144, 1970-1976.	2.9	25
154	Perceived Immune Status and Sleep: A Survey among Dutch Students. Sleep Disorders, 2015, 2015, 1-5.	1.4	25
155	A fermented milk concentrate and a combination of short-chain galacto-oligosaccharides/long-chain fructo-oligosaccharides/pectin-derived acidic oligosaccharides protect suckling rats from rotavirus gastroenteritis. British Journal of Nutrition, 2017, 117, 209-217.	2.3	25
156	The efficacy of oral and subcutaneous antigen-specific immunotherapy in murine cowâ€™s milk- and peanut allergy models. Clinical and Translational Allergy, 2017, 7, 35.	3.2	25
157	Exposure of Intestinal Epithelial Cells to 2â€²-Fucosyllactose and CpG Enhances Galectin Release and Instructs Dendritic Cells to Drive Th1 and Regulatory-Type Immune Development. Biomolecules, 2020, 10, 784.	4.0	25
158	Embracing Complexity beyond Systems Medicine: A New Approach to Chronic Immune Disorders. Frontiers in Immunology, 2016, 7, 587.	4.8	24
159	Short Communication: Differences in Levels of Free Amino Acids and Total Protein in Human Foremilk and Hindmilk. Nutrients, 2018, 10, 1828.	4.1	24
160	l-Arginine supplementation prevents intestinal epithelial barrier breakdown under heat stress conditions by promoting nitric oxide synthesis. Nutrition Research, 2018, 57, 45-55.	2.9	24
161	Butyrate Enhances Desensitization Induced by Oral Immunotherapy in Cowâ€™s Milk Allergic Mice. Mediators of Inflammation, 2019, 2019, 1-12.	3.0	24
162	Loss of allergy-protective capacity of raw cow's milk after heat treatment coincides with loss of immunologically active whey proteins. Food and Function, 2020, 11, 4982-4993.	4.6	24

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164	The Consequences of Multiple Simultaneous C-Type Lectinâ€“Ligand Interactions: DCIR Alters the Endo-Lysosomal Routing of DC-SIGN. Frontiers in Immunology, 2015, 6, 87.	4.8	23
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