Huub F J Savelkoul

List of Publications by Year
in descending order

217 papers	10,746 citations	28274 55 h-index	40979 93 g-index
223 all docs	223 docs citations	223 times ranked	13864 citing authors

#	Article	IF	Citations
1	1Î±,25-Dihydroxyvitamin D3 Has a Direct Effect on Naive CD4+ T Cells to Enhance the Development of Th2 Cells. Journal of Immunology, 2001, 167, 4974-4980.	0.8	1,006
2	The Role of Helper T Cell Products in Mouse B Cell Differentiation and Isotype Regulation. Immunological Reviews, 1988, 102, 5-28.	6.0	754
3	Antiinflammatory and Immunomodulating Properties of Fungal Metabolites. Mediators of Inflammation, 2005, 2005, 63-80.	3.0	254
4	Aged Gut Microbiota Contributes to Systemical Inflammaging after Transfer to Germ-Free Mice. Frontiers in Immunology, 2017, 8, 1385.	4.8	252
5	Effect of Anti-IL-5 and IL-5 on Airway Hyperreactivity and Eosinophils in Guinea Pigs. The American Review of Respiratory Disease, 1993, 147, 548-552.	2.9	243
6	Transcription profiles of LPS-stimulated THP-1 monocytes and macrophages: a tool to study inflammation modulating effects of food-derived compounds. Food and Function, 2010, 1, 254.	4.6	209
7	The Impact of Gut Microbiota on Gender-Specific Differences in Immunity. Frontiers in Immunology, 2017, 8, 754.	4.8	180
8	The molecular evolution of the interleukin-1 family of cytokines; IL-18 in teleost fish. Developmental and Comparative Immunology, 2004, 28, 395-413.	2.3	153
9	Neuroendocrineâ€“immune interactions in fish: a role for interleukin-1. Veterinary Immunology and Immunopathology, 2002, 87, 467-479.	1.2	145
10	Head Kidney-Derived Macrophages of Common Carp (Cyprinus carpio L.) Show Plasticity and Functional Polarization upon Differential Stimulation. Journal of Immunology, 2006, 177, 61-69.	0.8	142
11	Different levels of natural antibodies in chickens divergently selected for specific antibody responses. Developmental and Comparative Immunology, 2004, 28, 39-49.	2.3	139
12	Evolution of glucocorticoid receptors with different glucocorticoid sensitivity. Journal of Endocrinology, 2006, 190, 17-28.	2.6	138
13	Age-associated Impairment of the Mucus Barrier Function is Associated with Profound Changes in Microbiota and Immunity. Scientific Reports, 2019, 9, 1437.	3.3	138
14	Characterization of polarized THP-1 macrophages and polarizing ability of LPS and food compounds. Food and Function, 2013, 4, 266-276.	4.6	135
15	Food Processing: The Influence of the Maillard Reaction on Immunogenicity and Allergenicity of Food Proteins. Nutrients, 2017, 9, 835.	4.1	131
16	Akkermansia muciniphila ameliorates the age-related decline in colonic mucus thickness and attenuates immune activation in accelerated aging Ercc1â^'/Î”7 mice. Immunity and Ageing, 2019, 16, 6.	4.2	130
17	Prediction of Mortality Risk in the Elderly. American Journal of Medicine, 2006, 119, 519-525.	1.5	122
18	Molecular cloning and expression of a Toll receptor in the giant tiger shrimp, Penaeus monodon. Fish and Shellfish Immunology, 2007, 23, 504-513.	3.6	121

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19	Differential expression of two interferon-Î³ genes in common carp (Cyprinus carpio L.). Developmental and Comparative Immunology, 2008, 32, 1467-1481.	2.3	117
20	CXC chemokines and leukocyte chemotaxis in common carp (Cyprinus carpio L.). Developmental and Comparative Immunology, 2003, 27, 875-888.	2.3	114
21	Molecular cloning and expression of two Î²-defensin and two mucin genes in common carp (Cyprinus) Tj ETQq1 1 0.784314 rgBT /Ov 494-501.	3.6	112
22	Sex and strain dependent differences in mucosal immunology and microbiota composition in mice. Biology of Sex Differences, 2018, 9, 26.	4.1	110
23	Effects of Bovine Immunoglobulins on Immune Function, Allergy, and Infection. Frontiers in Nutrition, 2018, 5, 52.	3.7	109
24	Carp Il10 Has Anti-Inflammatory Activities on Phagocytes, Promotes Proliferation of Memory T Cells, and Regulates B Cell Differentiation and Antibody Secretion. Journal of Immunology, 2015, 194, 187-199.	0.8	102
25	Boiling peanut Ara h 1 results in the formation of aggregates with reduced allergenicity. Molecular Nutrition and Food Research, 2011, 55, 1887-1894.	3.3	101
26	Effect of Heating and Glycation on the Allergenicity of 2S Albumins (Ara h 2/6) from Peanut. PLoS ONE, 2011, 6, e23998.	2.5	99
27	Stress and innate immunity in carp: Corticosteroid receptors and pro-inflammatory cytokines. Molecular Immunology, 2008, 46, 70-79.	2.2	93
28	Effect of Supplementation with Zinc and Other Micronutrients on Malaria in Tanzanian Children: A Randomised Trial. PLoS Medicine, 2011, 8, e1001125.	8.4	92
29	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
30	Evolution of Recognition of Ligands from Gram-Positive Bacteria: Similarities and Differences in the TLR2-Mediated Response between Mammalian Vertebrates and Teleost Fish. Journal of Immunology, 2010, 184, 2355-2368.	0.8	85
31	Nutrition, immunological mechanisms and dietary immunomodulation in ADHD. European Child and Adolescent Psychiatry, 2014, 23, 519-529.	4.7	85
32	Enforced Expression of GATA-3 in Transgenic Mice Inhibits Th1 Differentiation and Induces the Formation of a T1/ST2-Expressing Th2-Committed T Cell Compartment In Vivo. Journal of Immunology, 2001, 167, 724-732.	0.8	83
33	Transcription of signal-3 cytokines, IL-12 and IFNÎ±Î², coincides with the timing of CD8Î±Î² up-regulation during viral infection of common carp (Cyprinus carpio L.). Molecular Immunology, 2008, 45, 1531-1547.	2.2	80
34	Sialyllactose and Galactooligosaccharides Promote Epithelial Barrier Functioning and Distinctly Modulate Microbiota Composition and Short Chain Fatty Acid Production In Vitro. Frontiers in Immunology, 2019, 10, 94.	4.8	80
35	Immune dysregulation in autism spectrum disorder. European Journal of Pediatrics, 2014, 173, 33-43.	2.7	79
36	Systematic Comparison of Zwitterionic and Non-Zwitterionic Antifouling Polymer Brushes on a Bead-Based Platform. Langmuir, 2019, 35, 1181-1191.	3.5	78

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37	ADHD as a (non) allergic hypersensitivity disorder: A hypothesis. Pediatric Allergy and Immunology, 2009, 20, 107-112.	2.6	72
38	Protection against Diarrhea Associated with Giardia intestinalis Is Lost with Multi-Nutrient Supplementation: A Study in Tanzanian Children. PLoS Neglected Tropical Diseases, 2011, 5, e1158.	3.0	72
39	Current Understanding of Natural Antibodies and Exploring the Possibilities of Modulation Using Veterinary Models. A Review. Frontiers in Immunology, 2020, 11, 2139.	4.8	70
40	Microbes and asthma: Opportunities for intervention. Journal of Allergy and Clinical Immunology, 2016, 137, 690-697.	2.9	68
41	Evolutionary conservation of alternative activation of macrophages: Structural and functional characterization of arginase 1 and 2 in carp (Cyprinus carpio L.). Molecular Immunology, 2006, 43, 1116-1128.	2.2	67
42	The presence of multiple and differentially regulated interleukin-12p40 genes in bony fishes signifies an expansion of the vertebrate heterodimeric cytokine family. Molecular Immunology, 2006, 43, 1519-1533.	2.2	67
43	Effect of Daily Antenatal Iron Supplementation onPlasmodiumInfection in Kenyan Women. JAMA - Journal of the American Medical Association, 2015, 314, 1009.	7.4	67
44	Immunomodulatory capacity of fungal proteins on the cytokine production of human peripheral blood mononuclear cells. International Immunopharmacology, 2008, 8, 1124-1133.	3.8	66
45	A randomised controlled trial into the effects of food on ADHD. European Child and Adolescent Psychiatry, 2009, 18, 12-19.	4.7	66
46	Optimized Triton X-114 assisted lipopolysaccharide (LPS) removal method reveals the immunomodulatory effect of food proteins. PLoS ONE, 2017, 12, e0173778.	2.5	66
47	Expression profiles of matrix metalloproteinase 9 in teleost fish provide evidence for its active role in initiation and resolution of inflammation. Immunology, 2008, 125, 601-610.	4.4	65
48	T cell responses in fresh and cryopreserved peripheral blood mononuclear cells: Kinetics of cell viability, cellular subsets, proliferation, and cytokine production. Cryobiology, 2008, 57, 91-103.	0.7	65
49	Multiple and highly divergent IL-11 genes in teleost fish. Immunogenetics, 2005, 57, 432-443.	2.4	64
50	Choice and Design of Adjuvants for Parenteral and Mucosal Vaccines. Vaccines, 2015, 3, 148-171.	4.4	64
51	Mucosal Immune Development in Early Life: Setting the Stage. Archivum Immunologiae Et Therapiae Experimentalis, 2015, 63, 251-268.	2.3	63
52	Inhibition of diabetes in NOD mice by human pregnancy factor. Human Immunology, 2001, 62, 1315-1323.	2.4	61
53	Impact of Maillard Reaction on Immunoreactivity and Allergenicity of the Hazelnut Allergen Cor a 11. Journal of Agricultural and Food Chemistry, 2011, 59, 7163-7171.	5.2	61
54	A Novel Functional Class I Lineage in Zebrafish (Danio rerio), Carp (Cyprinus carpio), and Large Barbus (Barbus intermedius) Showing an Unusual Conservation of the Peptide Binding Domains. Journal of Immunology, 2002, 169, 1936-1947.	0.8	60

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55	Health Council of the Netherlands: No need to change from SAR to time-temperature relation in electromagnetic fields exposure limits. International Journal of Hyperthermia, 2011, 27, 399-404.	2.5	58
56	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
57	Receptor-Mediated and Lectin-Like Activities of Carp (Cyprinus carpio) TNF-Î±. Journal of Immunology, 2009, 183, 5319-5332.	0.8	55
58	Early in vivo cytokine genes expression in chickens after challenge with Salmonella typhimurium lipopolysaccharide and modulation by dietary nâ^'3 polyunsaturated fatty acids. Developmental and Comparative Immunology, 2003, 27, 611-619.	2.3	54
59	The immune response differentially regulates Hsp70 and glucocorticoid receptor expression in vitro and in vivo in common carp (Cyprinus carpio L.). Fish and Shellfish Immunology, 2009, 27, 9-16.	3.6	52
60	Inhibition of septic shock in mice by an oligopeptide from the Î²-chain of human chorionic gonadotrophin hormone. Human Immunology, 2002, 63, 1-7.	2.4	51
61	Differential effects ofLactobacillus acidophilusandLactobacillus plantarumstrains on cytokine induction in human peripheral blood mononuclear cells. FEMS Immunology and Medical Microbiology, 2010, 59, 60-70.	2.7	51
62	Novel immunoglobulin-like transcripts in teleost fish encode polymorphic receptors with cytoplasmic ITAM or ITIM and a new structural Ig domain similar to the natural cytotoxicity receptor NKp44. Immunogenetics, 2005, 57, 77-89.	2.4	49
63	Supplementation with Lactobacillus plantarum WCFS1 Prevents Decline of Mucus Barrier in Colon of Accelerated Aging Ercc1â^'/Î”7 Mice. Frontiers in Immunology, 2016, 7, 408.	4.8	49
64	Adoptive transfer of natural antibodies to non-immunized chickens affects subsequent antigen-specific humoral and cellular immune responses. Developmental and Comparative Immunology, 2004, 28, 51-60.	2.3	48
65	Cowâ€™s Milk and Immune Function in the Respiratory Tract: Potential Mechanisms. Frontiers in Immunology, 2018, 9, 143.	4.8	48
66	Trypanosomiasis-Induced Th17-Like Immune Responses in Carp. PLoS ONE, 2010, 5, e13012.	2.5	48
67	Molecular and functional characterization of Toll-like receptor (Tlr)1 and Tlr2 in common carp () Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	47
68	INTERLEUKIN 4 RECEPTORS ON HUMAN BRONCHIAL EPITHELIAL CELLS. AN IN VIVO AND IN VITRO ANALYSIS OF EXPRESSION AND FUNCTION. Cytokine, 1998, 10, 803-813.	3.2	46
69	Allergen Immunotherapy Inhibits Airway Eosinophilia and Hyperresponsiveness Associated with Decreased IL-4 Production by Lymphocytes in a Murine Model of Allergic Asthma. American Journal of Respiratory Cell and Molecular Biology, 1998, 19, 622-628.	2.9	46
70	The Use of Real-Time Quantitative PCR for the Analysis of Cytokine mRNA Levels. Methods in Molecular Biology, 2012, 820, 7-23.	0.9	46
71	The Major Peanut Allergen Ara h 1 and Its Cleaved-off N-Terminal Peptide; Possible Implications for Peanut Allergen Detection. Journal of Agricultural and Food Chemistry, 2004, 52, 4903-4907.	5.2	45
72	Genetic differences in natural antibody levels in common carp (Cyprinus carpio L.). Fish and Shellfish Immunology, 2006, 21, 404-413.	3.6	44

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73	Differential macrophage polarisation during parasitic infections in common carp (Cyprinus carpio L.). Fish and Shellfish Immunology, 2006, 21, 561-571.	3.6	44
74	Morphine affects the inflammatory response in carp by impairment of leukocyte migration. Developmental and Comparative Immunology, 2009, 33, 88-96.	2.3	44
75	Calcium homeostasis and low-frequency magnetic and electric field exposure: A systematic review and meta-analysis of in vitro studies. Environment International, 2016, 92-93, 695-706.	10.0	43
76	Cloning and expression of candidate allergens from Culicoides obsoletus for diagnosis of insect bite hypersensitivity in horses. Veterinary Immunology and Immunopathology, 2013, 153, 227-239.	1.2	42
77	The Impact of Pectin Supplementation on Intestinal Barrier Function in Healthy Young Adults and Healthy Elderly. Nutrients, 2019, 11, 1554.	4.1	41
78	Effects of organically and conventionally produced feed on biomarkers of health in a chicken model. British Journal of Nutrition, 2010, 103, 663-676.	2.3	40
79	Fc receptor binding of anti-CD3 monoclonal antibodies is not essential for immunosuppression, but triggers cytokine-related side effects. European Journal of Immunology, 1995, 25, 1492-1496.	2.9	39
80	Oxidative stress and immune aberrancies in attention-deficit/hyperactivity disorder (ADHD): a caseâ€“control comparison. European Child and Adolescent Psychiatry, 2019, 28, 719-729.	4.7	39
81	Vitamin D Binding Protein (VDBP) and Its Gene Polymorphismsâ€”The Risk of Malignant Tumors and Other Diseases. International Journal of Molecular Sciences, 2020, 21, 7822.	4.1	39
82	Analysis of genomic and expressed major histocompatibility classï¿½Ia and classï¿½II genes in a hexaploid Lake Tana African ?large? barb individual (Barbus intermedius). Immunogenetics, 2004, 55, 770-781.	2.4	38
83	Identification and functional characterization of nonmammalian Toll-like receptor 20. Immunogenetics, 2014, 66, 123-141.	2.4	38
84	Rationale for Dietary Antioxidant Treatment of ADHD. Nutrients, 2018, 10, 405.	4.1	38
85	Highly Specific Binding on Antifouling Zwitterionic Polymer-Coated Microbeads as Measured by Flow Cytometry. ACS Applied Materials & Interfaces, 2017, 9, 38211-38221.	8.0	37
86	Immunomodulation by Processed Animal Feed: The Role of Maillard Reaction Products and Advanced Glycation End-Products (AGEs). Frontiers in Immunology, 2018, 9, 2088.	4.8	37
87	The Mucosal Factors Retinoic Acid and TGF-Î²1 Induce Phenotypically and Functionally Distinct Dendritic Cell Types. International Archives of Allergy and Immunology, 2013, 162, 225-236.	2.1	36
88	The X-linked immunodeficiency defect in the mouse is corrected by expression of humanBruton's tyrosine kinase from a yeast artificial chromosome transgene. European Journal of Immunology, 1997, 27, 2180-2187.	2.9	35
89	UVB irradiation modulates systemic immune responses by affecting cytokine production of antigen-presenting cells. International Immunology, 2000, 12, 1531-1538.	4.0	35
90	Cloning of opioid receptors in common carp (Cyprinus carpio L.) and their involvement in regulation of stress and immune response. Brain, Behavior, and Immunity, 2009, 23, 257-266.	4.1	35

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91	Vitamin D Receptor Gene Polymorphisms Associated with Childhood Autism. Brain Sciences, 2017, 7, 115.	2.3	35
92	The Basophil Activation Test reduces the need for a food challenge test in children suspected of IgEâ€mediated cow's milk allergy. Clinical and Experimental Allergy, 2019, 49, 350-356.	2.9	35
93	Serum haemolytic complement activities in 11 different MHC (B) typed chicken lines. Veterinary Immunology and Immunopathology, 2004, 100, 25-32.	1.2	34
94	Oral cholera vaccination promotes homing of IgA+ memory B cells to the large intestine and the respiratory tract. Mucosal Immunology, 2018, 11, 1254-1264.	6.0	34
95	Modulation of systemic cytokine levels by implantation of alginate encapsulated cells. Journal of Immunological Methods, 1994, 170, 185-196.	1.4	33
96	Culicoides obsoletus extract relevant for diagnostics of insect bite hypersensitivity in horses. Veterinary Immunology and Immunopathology, 2012, 149, 245-254.	1.2	32
97	Multicentre Double-Blind Placebo-Controlled Food Challenge Study in Children Sensitised to Cashew Nut. PLoS ONE, 2016, 11, e0151055.	2.5	32
98	IgE Cross-Reactivity of Cashew Nut Allergens. International Archives of Allergy and Immunology, 2019, 178, 19-32.	2.1	32
99	Differential Ultraviolet-B-Induced Immunomodulation in XPA, XPC, and CSB DNA Repair-Deficient Mice. Journal of Investigative Dermatology, 2001, 117, 141-146.	0.7	30
100	Intradermal testing of horses with and without insect bite hypersensitivity in the Netherlands using an extract of nativeCulicoidesspecies. Veterinary Dermatology, 2009, 20, 607-614.	1.2	30
101	The induction of nitric oxide response of carp macrophages by transferrin is influenced by the allelic diversity of the molecule. Fish and Shellfish Immunology, 2009, 26, 632-638.	3.6	29
102	Major histocompatibility genes in the Lake Tana African large barb species flock: evidence for complete partitioning of class II B, but not class I, genes among different species. Immunogenetics, 2005, 56, 894-908.	2.4	28
103	UV Exposure Alters Respiratory Allergic Responses in MiceÂ¶. Photochemistry and Photobiology, 2000, 72, 253.	2.5	27
104	Immunological Characterization of Dutch Sesame Seed-Allergic Patients. International Archives of Allergy and Immunology, 2016, 169, 13-22.	2.1	27
105	Modulation of Human Immune Responses by Bovine Interleukin-10. PLoS ONE, 2011, 6, e18188.	2.5	26
106	Sex impacts Th1 cells, Tregs, and DCs in both intestinal and systemic immunity in a mouse strain and location-dependent manner. Biology of Sex Differences, 2016, 7, 21.	4.1	26
107	Purification and Characterization of Anacardium occidentale (Cashew) Allergens Ana o 1, Ana o 2, and Ana o 3. Journal of Agricultural and Food Chemistry, 2016, 64, 1191-1201.	5.2	26
108	sIgE Ana o 1, 2 and 3 accurately distinguish tolerant from allergic children sensitized to cashew nuts. Clinical and Experimental Allergy, 2017, 47, 113-120.	2.9	26

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109	Frontline Science: Tryptophan restriction arrests B cell development and enhances microbial diversity in WT and prematurely aging Ercc1â^'/Î”7 mice. Journal of Leukocyte Biology, 2017, 101, 811-821.	3.3	26
110	Impact of Yeast-Derived Î²-Glucans on the Porcine Gut Microbiota and Immune System in Early Life. Microorganisms, 2020, 8, 1573.	3.6	26
111	Lactobacillusâ€ƒstrains differentially modulate cytokine production by hPBMC from pollen-allergic patients. FEMS Immunology and Medical Microbiology, 2011, 61, 28-40.	2.7	25
112	Nutrition and Allergic Diseases. Nutrients, 2017, 9, 762.	4.1	25
113	Involvement of T Cells in Enhanced Resistance to Klebsiella pneumoniae Septicemia in Mice Treated with Liposome-Encapsulated Muramyl Tripeptide Phosphatidylethanolamine or Gamma Interferon. Infection and Immunity, 1998, 66, 1962-1967.	2.2	25
114	Multidose Streptozotocin Induction of Diabetes in BALB/c Mice Induces a Dominant Oxidative Macrophage and a Conversion of TH1 to TH2 Phenotypes During Disease Progression. Mediators of Inflammation, 2005, 2005, 202-209.	3.0	24
115	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. Frontiers in Immunology, 2018, 9, 2677.	4.8	24
116	Suppression of polyclonal and antigen-specific murine IgG1 but not IgE responses by neutralizing interleukin-6in vivo. European Journal of Immunology, 1994, 24, 1396-1403.	2.9	23
117	Molecular cloning and functional charactrisation of a cathepsin L-like proteinase from the fish kinetoplastid parasite Trypanosoma carassii. Fish and Shellfish Immunology, 2008, 24, 205-214.	3.6	23
118	Immune-relevant thrombocytes of common carp undergo parasite-induced nitric oxide-mediated apoptosis. Developmental and Comparative Immunology, 2015, 50, 146-154.	2.3	23
119	Intestinal immune maturation is accompanied by temporal changes in the composition of the microbiota. Beneficial Microbes, 2016, 7, 677-685.	2.4	22
120	Induction of human tolerogenic dendritic cells by 3â€²-sialyllactose via TLR4 is explained by LPS contamination. Glycobiology, 2018, 28, 126-130.	2.5	22
121	Bovine Lactoferrin Modulates Dendritic Cell Differentiation and Function. Nutrients, 2018, 10, 848.	4.1	22
122	Haemocyte reactions in WSSV immersion infected Penaeus monodon. Fish and Shellfish Immunology, 2007, 23, 164-170.	3.6	21
123	A proteomics-based identification of putative biomarkers for disease in bovine milk. Veterinary Immunology and Immunopathology, 2016, 174, 11-18.	1.2	21
124	Modulatory Effects of Osthole on Lipopolysaccharides-Induced Inflammation in Caco-2 Cell Monolayer and Co-Cultures with THP-1 and THP-1-Derived Macrophages. Nutrients, 2021, 13, 123.	4.1	21
125	Receptor Mediated Effects of Advanced Glycation End Products (AGEs) on Innate and Adaptative Immunity: Relevance for Food Allergy. Nutrients, 2022, 14, 371.	4.1	21
126	Soluble E-selectin and soluble ICAM-1 levels as markers of the activity of atopic dermatitis in children. Pediatric Allergy and Immunology, 2003, 14, 302-306.	2.6	20

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127	Islet transplantation in the discordant tilapia-to-mouse model: a novel application of alginate microencapsulation in the study of xenograft rejection. Transplantation, 2003, 75, 599-606.	1.0	20
128	Nitric oxide hinders antibody clearance from the surface of Trypanoplasma borreli and increases susceptibility to complement-mediated lysis. Molecular Immunology, 2009, 46, 3188-3197.	2.2	20
129	Low-Frequency Electromagnetic Field Exposure Enhances Extracellular Trap Formation by Human Neutrophils through the NADPH Pathway. Journal of Innate Immunity, 2015, 7, 459-465.	3.8	20
130	Effect of PycnogenolÂ® on attention-deficit hyperactivity disorder (ADHD): study protocol for a randomised controlled trial. Trials, 2017, 18, 145.	1.6	20
131	Induction of Trained Innate Immunity in Human Monocytes by Bovine Milk and Milk-Derived Immunoglobulin G. Nutrients, 2018, 10, 1378.	4.1	20
132	Plasmacytoid dendritic cell and myeloid dendritic cell function in ageing: A comparison between elderly and young adult women. PLoS ONE, 2019, 14, e0225825.	2.5	20
133	Semi-preparative purification and validation of monoclonal antibodies for immunotherapy in mice. Journal of Immunological Methods, 1994, 172, 33-42.	1.4	19
134	Lowâ€frequency electromagnetic fields do not alter responses of inflammatory genes and proteins in human monocytes and immune cell lines. Bioelectromagnetics, 2012, 33, 226-237.	1.6	19
135	Toll-like receptor agonists as adjuvants for inactivated porcine reproductive and respiratory syndrome virus (PRRSV) vaccine. Veterinary Immunology and Immunopathology, 2019, 212, 27-37.	1.2	19
136	Oral Tolerance is Determined at the Level of Draining Lymph Nodes. Immunobiology, 1995, 194, 403-414.	1.9	18
137	A Novel Soluble Immune-Type Receptor (SITR) in Teleost Fish: Carp SITR Is Involved in the Nitric Oxide-Mediated Response to a Protozoan Parasite. PLoS ONE, 2011, 6, e15986.	2.5	18
138	Inflammation in the Middle Ear of Children With Recurrent or Chronic Otitis Media Is Associated With Bacterial Load. Pediatric Infectious Disease Journal, 2012, 31, 1128-1134.	2.0	18
139	Bovine natural antibodies in antibody-dependent bactericidal activity against Escherichia coli and Salmonella Typhimurium and risk of mastitis. Veterinary Immunology and Immunopathology, 2016, 171, 21-27.	1.2	18
140	Polymorphism of major histocompatibility complex class II B genes in different lines of the common carp (Cyprinus carpio). Aquatic Living Resources, 2003, 16, 432-437.	1.2	17
141	Allelic discrimination, three-dimensional analysis and gene expression of multiple transferrin alleles of common carp (Cyprinus carpio L.). Fish and Shellfish Immunology, 2009, 26, 573-581.	3.6	17
142	Cross-reactivity between peanut and lupin proteins. Food Chemistry, 2011, 126, 902-910.	8.2	17
143	Differential Effects of Dry vs. Wet Heating of Î²-Lactoglobulin on Formation of sRAGE Binding Ligands and sIgE Epitope Recognition. Nutrients, 2019, 11, 1432.	4.1	17
144	Expression and characterization of recombinant single-chain salmon class I MHC fused with Î²2-microglobulin with biological activity. Fish and Shellfish Immunology, 2008, 24, 459-466.	3.6	16

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145	BAFF augments IgA2 and ILâ€10 production by TLR7/8 stimulated total peripheral blood BÂcells. European Journal of Immunology, 2018, 48, 283-292.	2.9	16
146	Single Nucleotide Polymorphisms in the Vitamin D Receptor Gene (VDR) May Have an Impact on Acute Pancreatitis (AP) Development: A Prospective Study in Populations of AP Patients and Alcohol-Abuse Controls. International Journal of Molecular Sciences, 2018, 19, 1919.	4.1	16
147	The oligosaccharides 6â€™-sialyllactose, 2â€™-fucosyllactose or galactooligosaccharides do not directly modulate human dendritic cell differentiation or maturation. PLoS ONE, 2018, 13, e0200356.	2.5	16
148	Single Nucleotide Polymorphisms in 25-Hydroxyvitamin D3 1-Alpha-Hydroxylase (CYP27B1) Gene: The Risk of Malignant Tumors and Other Chronic Diseases. Nutrients, 2020, 12, 801.	4.1	16
149	Mixed infection with Trypanoplasma borreli and Trypanosoma carassii induces protection: Involvement of cross-reactive antibodies. Developmental and Comparative Immunology, 2007, 31, 903-915.	2.3	15
150	Alterations in early cytokine-mediated immune responses to Plasmodium falciparum infection in Tanzanian children with mineral element deficiencies: a cross-sectional survey. Malaria Journal, 2010, 9, 130.	2.3	15
151	Novel standardized method for extracellular flux analysis of oxidative and glycolytic metabolism in peripheral blood mononuclear cells. Scientific Reports, 2021, 11, 1662.	3.3	15
152	Vitamin D and Allergy Susceptibility during Gestation and Early Life. Nutrients, 2021, 13, 1015.	4.1	15
153	Activation of high endothelial venules in peripheral lymph nodes. The involvement of interferon-gamma. International Immunology, 1994, 6, 1195-1201.	4.0	14
154	Innate Mechanisms in Selective IgA Deficiency. Frontiers in Immunology, 2021, 12, 649112.	4.8	14
155	Cytokines in Clinical and Experimental Transplantation. Mediators of Inflammation, 1994, 3, 403-410.	3.0	13
156	Effect of nutrient deficiencies on in vitro Th1 and Th2 cytokine response of peripheral blood mononuclear cells to Plasmodium falciparum infection. Malaria Journal, 2010, 9, 162.	2.3	13
157	Neonatal porcine blood derived dendritic cell subsets show activation after TLR2 or TLR9 stimulation. Developmental and Comparative Immunology, 2018, 84, 361-370.	2.3	13
158	Opposite Role of Interferon-Î³ and Interleukin-4 on the Regulation of Blood Pressure in Mice. Biochemical and Biophysical Research Communications, 1999, 254, 816-820.	2.1	12
159	Increased serum IL-10/IL-12 ratio in wheezing infants. Pediatric Allergy and Immunology, 2003, 14, 112-119.	2.6	12
160	cDNA expression library screening and identification of two novel antigens: Ubiquitin and receptor for activated C kinase (RACK) homologue, of the fish parasite Trypanosoma carassii. Fish and Shellfish Immunology, 2008, 25, 84-90.	3.6	12
161	Function of the Opioid System during Inflammation in Carp. Annals of the New York Academy of Sciences, 2009, 1163, 528-532.	3.8	12
162	Aged mice display altered numbers and phenotype of basophils, and bone marrow-derived basophil activation, with a limited role for aging-associated microbiota. Immunity and Ageing, 2018, 15, 32.	4.2	12

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