Hans-dieter Volk

List of Publications by Year
in descending order

588 papers	45,885 citations	1697 104 h-index	3094 187 g-index
623 all docs	623 docs citations	623 times ranked	46650 citing authors

#	Article	IF	Citations
1	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. Cell, 2020, 182, 1419-1440.e23.	13.5	1,162
2	Monocyte deactivation in septic patients: Restoration by IFN-Î³ treatment. Nature Medicine, 1997, 3, 678-681.	15.2	1,120
3	IL-22 regulates the expression of genes responsible for antimicrobial defense, cellular differentiation, and mobility in keratinocytes: a potential role in psoriasis. European Journal of Immunology, 2006, 36, 1309-1323.	1.6	833
4	Interleukin-10 Therapyâ€"Review of a New Approach. Pharmacological Reviews, 2003, 55, 241-269.	7.1	825
5	Stroke-induced Immunodeficiency Promotes Spontaneous Bacterial Infections and Is Mediated by Sympathetic Activation Reversal by Poststroke T Helper Cell Type 1â€"like Immunostimulation. Journal of Experimental Medicine, 2003, 198, 725-736.	4.2	813
6	Endotoxin and immune activation in chronic heart failure: a prospective cohort study. Lancet, The, 1999, 353, 1838-1842.	6.3	788
7	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
8	Plasma Cytokine Parameters and Mortality in Patients With Chronic Heart Failure. Circulation, 2000, 102, 3060-3067.	1.6	723
9	MAPKAP kinase 2 is essential for LPS-induced TNF-Î± biosynthesis. Nature Cell Biology, 1999, 1, 94-97.	4.6	718
10	A circadian clock in macrophages controls inflammatory immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21407-21412.	3.3	653
11	Immunologic and Hemodynamic Effects of â€œLow-Doseâ€•Hydrocortisone in Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 512-520.	2.5	562
12	Granulocyteâ€"Macrophage Colony-stimulating Factor to Reverse Sepsis-associated Immunosuppression. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 640-648.	2.5	540
13	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	1.6	505
14	Different Faces of the Heme-Heme Oxygenase System in Inflammation. Pharmacological Reviews, 2003, 55, 551-571.	7.1	503
15	Altered Intestinal Function in Patients With Chronic Heart Failure. Journal of the American College of Cardiology, 2007, 50, 1561-1569.	1.2	499
16	Abnormal T-Cell Reactivity against Paternal Antigens in Spontaneous Abortion. American Journal of Pathology, 2005, 166, 811-822.	1.9	490
17	Development of a cross-platform biomarker signature to detect renal transplant tolerance in humans. Journal of Clinical Investigation, 2010, 120, 1848-1861.	3.9	488
18	Upregulation of heme oxygenase-1 protects genetically fat Zucker rat livers from ischemia/reperfusion injury. Journal of Clinical Investigation, 1999, 104, 1631-1639.	3.9	458

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19	Mechanism of endotoxin desensitization: involvement of interleukin 10 and transforming growth factor beta.. Journal of Experimental Medicine, 1995, 181, 1887-1892.	4.2	436
20	Sympathetic activation triggers systemic interleukin-10 release in immunodepression induced by brain injury. Nature Medicine, 1998, 4, 808-813.	15.2	414
21	MK2 Targets AU-rich Elements and Regulates Biosynthesis of Tumor Necrosis Factor and Interleukin-6 Independently at Different Post-transcriptional Levels. Journal of Biological Chemistry, 2002, 277, 3065-3068.	1.6	361
22	Elevated soluble CD14 receptors and altered cytokines in chronic heart failure. American Journal of Cardiology, 1997, 79, 1426-1430.	0.7	358
23	IL-10 is a key cytokine in psoriasis. Proof of principle by IL-10 therapy: a new therapeutic approach.. Journal of Clinical Investigation, 1998, 101, 783-794.	3.9	357
24	IL-22 and IL-20 are key mediators of the epidermal alterations in psoriasis while IL-17 and IFN-Î³ are not. Journal of Molecular Medicine, 2009, 87, 523-536.	1.7	355
25	Immunopathogenesis of psoriasis. Experimental Dermatology, 2007, 16, 779-798.	1.4	352
26	Protection from cytomegalovirus after transplantation is correlated with immediate early 1â€“specific CD8 T cells. Journal of Experimental Medicine, 2005, 201, 1031-1036.	4.2	336
27	Hyperventilation Induces Release of Cytokines from Perfused Mouse Lung. American Journal of Respiratory and Critical Care Medicine, 1998, 157, 263-272.	2.5	316
28	Quantitative DNA Methylation Analysis of FOXP3 as a New Method for Counting Regulatory T Cells in Peripheral Blood and Solid Tissue. Cancer Research, 2009, 69, 599-608.	0.4	308
29	Up-regulation of monocytic IL-10 by tumor necrosis factor-Î± and cAMP elevating drugs. International Immunology, 1995, 7, 517-523.	1.8	299
30	Tumor suppression after tumor cell-targeted tumor necrosis factor alpha gene transfer.. Journal of Experimental Medicine, 1991, 173, 1047-1052.	4.2	288
31	Intravascular Mesenchymal Stromal/Stem Cell Therapy Product Diversification: Time for New Clinical Guidelines. Trends in Molecular Medicine, 2019, 25, 149-163.	3.5	288
32	High prevalence of Streptococcus pyogenes Cas9-reactive T cells within the adult human population. Nature Medicine, 2019, 25, 242-248.	15.2	280
33	T-cell epitope mapping by flow cytometry. Nature Medicine, 1998, 4, 975-978.	15.2	273
34	Effect of immunisation against angiotensin II with CYT006-AngQb on ambulatory blood pressure: a double-blind, randomised, placebo-controlled phase IIa study. Lancet, The, 2008, 371, 821-827.	6.3	273
35	Human Chorionic Gonadotropin Attracts Regulatory T Cells into the Fetal-Maternal Interface during Early Human Pregnancy. Journal of Immunology, 2009, 182, 5488-5497.	0.4	271
36	Immunoparalysis and nosocomial infection in children with multiple organ dysfunction syndrome. Intensive Care Medicine, 2011, 37, 525-532.	3.9	270

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37	The effect of micronutrient supplementation on quality-of-life and left ventricular function in elderly patients with chronic heart failure. European Heart Journal, 2005, 26, 2238-2244.	1.0	266
38	Regulatory cell therapy in kidney transplantation (The ONE Study): a harmonised design and analysis of seven non-randomised, single-arm, phase 1/2A trials. Lancet, The, 2020, 395, 1627-1639.	6.3	266
39	Immunogenicity and Immunomodulatory Properties of Umbilical Cord Lining Mesenchymal Stem Cells. Cell Transplantation, 2011, 20, 655-667.	1.2	262
40	Target Structures of the CD8⁺-T-Cell Response to Human Cytomegalovirus: the 72-Kilodalton Major Immediate-Early Protein Revisited. Journal of Virology, 1999, 73, 8179-8184.	1.5	262
41	Cytomegalovirus (CMV) Phosphoprotein 65 Makes a Large Contribution to Shaping the T Cell Repertoire in CMVâ€Exposed Individuals. Journal of Infectious Diseases, 2002, 185, 1709-1716.	1.9	260
42	Brain Death Activates Donor Organs and Is Associated with a Worse I/R Injury After Liver Transplantation. American Journal of Transplantation, 2007, 7, 1584-1593.	2.6	257
43	Analysis of CD8 T cell reactivity to cytomegalovirus using protein-spanning pools of overlapping pentadecapeptides. European Journal of Immunology, 2000, 30, 1676-1682.	1.6	255
44	IL-22 Induces Lipopolysaccharide-Binding Protein in Hepatocytes: A Potential Systemic Role of IL-22 in Crohnâ€™s Disease. Journal of Immunology, 2007, 178, 5973-5981.	0.4	254
45	Terminally Differentiated CD8 ⁺ T Cells Negatively Affect Bone Regeneration in Humans. Science Translational Medicine, 2013, 5, 177ra36.	5.8	250
46	Impaired antigen presentation by human monocytes during endotoxin tolerance. Blood, 2000, 96, 218-223.	0.6	242
47	Stroke-induced immunodepression and post-stroke infections: Lessons from the preventive antibacterial therapy in stroke trial. Neuroscience, 2009, 158, 1184-1193.	1.1	236
48	Deficiency of IL-22 Contributes to a Chronic Inflammatory Disease: Pathogenetic Mechanisms in Acne Inversa. Journal of Immunology, 2011, 186, 1228-1239.	0.4	230
49	Preventive Antibacterial Therapy in Acute Ischemic Stroke: A Randomized Controlled Trial. PLoS ONE, 2008, 3, e2158.	1.1	227
50	Monitoring Temporary Immunodepression by Flow Cytometric Measurement of Monocytic HLA-DR Expression: A Multicenter Standardized Study. Clinical Chemistry, 2005, 51, 2341-2347.	1.5	224
51	Cutting Edge: Immunological Consequences and Trafficking of Human Regulatory Macrophages Administered to Renal Transplant Recipients. Journal of Immunology, 2011, 187, 2072-2078.	0.4	220
52	Ex vivoexposure to carbon monoxide prevents hepatic ischemia/reperfusion injury through p38 MAP kinase pathway. Hepatology, 2002, 35, 815-823.	3.6	216
53	Inflammatory phase of bone healing initiates the regenerative healing cascade. Cell and Tissue Research, 2012, 347, 567-573.	1.5	215
54	Interleukin (IL)-19, IL-20 and IL-24 are produced by and act on keratinocytes and are distinct from classical ILs. Experimental Dermatology, 2006, 15, 991-1004.	1.4	211

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55	Increased indoleamine 2,3-dioxygenase (IDO) activity and elevated serum levels of tryptophan catabolites in patients with chronic kidney disease: a possible link between chronic inflammation and uraemic symptoms. Nephrology Dialysis Transplantation, 2009, 24, 1901-1908.	0.4	207
56	Cellular Immunodepression Preceding Infectious Complications after Acute Ischemic Stroke in Humans. Cerebrovascular Diseases, 2008, 25, 50-58.	0.8	205
57	A vaccine for hypertension based on virus-like particles: preclinical efficacy and phase I safety and immunogenicity. Journal of Hypertension, 2007, 25, 63-72.	0.3	196
58	TNF-related apoptosis inducing ligand (TRAIL) as a potential response marker for interferon-beta treatment in multiple sclerosis. Lancet, The, 2003, 361, 2036-2043.	6.3	194
59	Standardization of whole blood immune phenotype monitoring for clinical trials: panels and methods from the ONE study. Transplantation Research, 2013, 2, 17.	1.5	194
60	Naturally occurring antiâ€“IFN-Î³ autoantibody and severe infections with Mycobacterium cheloneae and Burkholderia cocovenenans. Blood, 2004, 103, 673-675.	0.6	190
61	Antibodies to Î² adrenergic and muscarinic cholinergic receptors in patients with Chronic Fatigue Syndrome. Brain, Behavior, and Immunity, 2016, 52, 32-39.	2.0	188
62	Regulatory Tâ€„cells induce a privileged tolerant microenvironment at the fetal-maternal interface. European Journal of Immunology, 2006, 36, 82-94.	1.6	185
63	Despite IFN-Î» receptor expression, blood immune cells, but not keratinocytes or melanocytes, have an impaired response to type III interferons: implications for therapeutic applications of these cytokines. Genes and Immunity, 2009, 10, 702-714.	2.2	185
64	The Dying Stem Cell Hypothesis. Journal of the American College of Cardiology, 2005, 46, 1799-1802.	1.2	184
65	Studies on bacterial endotoxin and intestinal absorption function in patients with chronic heart failure. International Journal of Cardiology, 2012, 157, 80-85.	0.8	180
66	Stimulation of the Human Cytomegalovirus IE Enhancer/Promoter in HL-60 Cells by TNFÎ± Is Mediated via Induction of NF-ÎºB. Virology, 1995, 208, 197-206.	1.1	175
67	CYTOMEGALOVIRUS INFECTION IN TRANSPLANT RECIPIENTS THE ROLE OF TUMOR NECROSIS FACTOR. Transplantation, 1994, 58, 675-680.	0.5	173
68	The Activation Status of Neuroantigen-specific T Cells in the Target Organ Determines the Clinical Outcome of Autoimmune Encephalomyelitis. Journal of Experimental Medicine, 2004, 199, 185-197.	4.2	163
69	Inhibition of ischemia/reperfusion injury and chronic graft deterioration by a single-donor treatment with cobalt-protoporphyrin for the induction of heme oxygenase-1. Transplantation, 2002, 74, 591-598.	0.5	162
70	T and B cells participate in bone repair by infiltrating the fracture callus in a two-wave fashion. Bone, 2014, 64, 155-165.	1.4	162
71	Tumour necrosis factor Â stimulates the activity of the human cytomegalovirus major immediate early enhancer/promoter in immature monocytic cells. Journal of General Virology, 1993, 74, 2333-2338.	1.3	160
72	Heme oxygenase-1 and its reaction product, carbon monoxide, prevent inflammation-related apoptotic liver damage in mice. Hepatology, 2003, 38, 909-918.	3.6	158

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73	The IL-1 Pathway Is Hyperactive in Hidradenitis Suppurativa and Contributes to Skin Infiltration and Destruction. Journal of Investigative Dermatology, 2019, 139, 1294-1305.	0.3	153
74	Systemic inflammation in patients with heart failure. European Heart Journal, 1998, 19, 761-765.	1.0	152
75	Mechanisms of brain-mediated systemic anti-inflammatory syndrome causing immunodepression. Journal of Molecular Medicine, 1999, 77, 769-780.	1.7	152
76	Cyclic adenosine monophosphate-responsive elements are involved in the transcriptional activation of the human IL-10 gene in monocytic cells. European Journal of Immunology, 1999, 29, 3098-3104.	1.6	152
77	The Th17 cytokine ILâ€22 induces ILâ€20 production in keratinocytes: A novel immunological cascade with potential relevance in psoriasis. European Journal of Immunology, 2009, 39, 3570-3581.	1.6	145
78	SARS-CoV-2 in severe COVID-19 induces a TGF-Î²-dominated chronic immune response that does not target itself. Nature Communications, 2021, 12, 1961.	5.8	145
79	Preventive Antibacterial Treatment Improves the General Medical and Neurological Outcome in a Mouse Model of Stroke. Stroke, 2004, 35, 2-6.	1.0	144
80	Distribution of human CMV-specific memory T cells among the CD8pos. subsets defined by CD57, CD27, and CD45 isoforms. European Journal of Immunology, 1999, 29, 2908-2915.	1.6	142
81	Autologous Epstein-Barr virus (EBV)â€“specific cytotoxic T cells for the treatment of persistent active EBV infection. Blood, 2002, 100, 4059-4066.	0.6	141
82	Heme oxygenase-1 gene transfer inhibits inducible nitric oxide synthase expression and protects genetically fat Zucker rat livers from ischemia-reperfusion injury1. Transplantation, 2002, 74, 96-102.	0.5	140
83	Interleukin 10 Treatment of Psoriasis. Archives of Dermatology, 1999, 135, 187-92.	1.7	139
84	Maturing dendritic cells are an important source of IL-29 and IL-20 that may cooperatively increase the innate immunity of keratinocytes. Journal of Leukocyte Biology, 2008, 83, 1181-1193.	1.5	139
85	Enzyme-Linked Immunosorbent Spot Assay for Donor-Reactive Interferon-Gamma-Producing Cells Identifies T-Cell Presensitization and Correlates with Graft Function at 6 and 12 Months in Renal-Transplant Recipients. Transplantation, 2004, 78, 1640-1646.	0.5	136
86	A Novel Link between Stress and Human Cytomegalovirus (HCMV) Infection: Sympathetic Hyperactivity Stimulates HCMV Activation. Virology, 2000, 272, 357-365.	1.1	132
87	Early post-transplant urinary IP-10 expression after kidney transplantation is predictive of short- and long-term graft function. Kidney International, 2006, 69, 1683-1690.	2.6	131
88	TCR Repertoire Analysis by Next Generation Sequencing Allows Complex Differential Diagnosis of T Cellâ€Related Pathology. American Journal of Transplantation, 2013, 13, 2842-2854.	2.6	131
89	MSC Therapies for COVID-19: Importance of Patient Coagulopathy, Thromboprophylaxis, Cell Product Quality and Mode of Delivery for Treatment Safety and Efficacy. Frontiers in Immunology, 2020, 11, 1091.	2.2	128
90	CYTOMEGALOVIRUS INFECTION IN TRANSPLANT RECIPIENTS THE ROLE OF TUMOR NECROSIS FACTOR. Transplantation, 1994, 58, 675-680.	0.5	126

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91	Significant reduction of proinflammatory cytokines by treatment of the brain-dead donor. Transplantation Proceedings, 2005, 37, 387-388.	0.3	124
92	Lipopolysaccharide-induced interleukin-10 in mice: role of endogenous tumor necrosis factor-Î±. European Journal of Immunology, 1995, 25, 2888-2893.	1.6	123
93	Elevated circulating levels of inflammatory cytokines and bacterial endotoxin in adults with congenital heart disease. American Journal of Cardiology, 2003, 92, 188-193.	0.7	123
94	Initial immune reaction and angiogenesis in bone healing. Journal of Tissue Engineering and Regenerative Medicine, 2014, 8, 120-130.	1.3	123
95	Inflammatory cytokines and the possible immunological role for lipoproteins in chronic heart failure. International Journal of Cardiology, 2000, 76, 125-133.	0.8	122
96	Phenotype changes and impaired function of dendritic cell subsets in patients with sepsis: a prospective observational analysis. Critical Care, 2009, 13, R119.	2.5	122
97	Regulatory T cell-mediated anti-inflammatory effects promote successful tissue repair in both indirect and direct manners. Frontiers in Pharmacology, 2015, 6, 184.	1.6	122
98	Heme Oxygenase 1 Gene Transfer Prevents CD95/Fas Ligand-Mediated Apoptosis and Improves Liver Allograft Survival via Carbon Monoxide Signaling Pathway. Human Gene Therapy, 2002, 13, 1189-1199.	1.4	121
99	IL-19 Is a Component of the Pathogenetic IL-23/IL-17 Cascade in Psoriasis. Journal of Investigative Dermatology, 2014, 134, 2757-2767.	0.3	121
100	Early IL-6 Plasma Concentrations Correlate with Severity of Brain Injury and Pneumonia in Brain-Injured Patients. Journal of Trauma, 2002, 52, 339-345.	2.3	118
101	Circulating Alloreactive T Cells Correlate with Graft Function in Longstanding Renal Transplant Recipients. Journal of the American Society of Nephrology: JASN, 2008, 19, 1419-1429.	3.0	118
102	Progression of Mycosis Fungoides Is Associated with Increasing Cutaneous Expression of Interleukin-10 mRNA. Journal of Investigative Dermatology, 1996, 107, 833-837.	0.3	115
103	Oral High-Dose Atorvastatin Treatment in Relapsing-Remitting Multiple Sclerosis. PLoS ONE, 2008, 3, e1928.	1.1	110
104	IL-29 Is Produced by T _H 17 Cells and Mediates the Cutaneous Antiviral Competence in Psoriasis. Science Translational Medicine, 2013, 5, 204ra129.	5.8	110
105	Contribution of Prolonged Ischemia and Donor Age to Chronic Renal Allograft Dysfunction. Journal of the American Society of Nephrology: JASN, 2000, 11, 1317-1324.	3.0	108
106	TGFÎ²-dependent expression of PD-1 and PD-L1 controls CD8+ T cell anergy in transplant tolerance. ELife, 2016, 5, e08133.	2.8	105
107	Inactivation of the Very Strong HCMV Immediate Early Promoter by DNA CpG MethylationIn Vitro. Biological Chemistry Hoppe-Seyler, 1996, 377, 195-202.	1.4	102
108	Catecholamines trigger IL-10 release in acute systemic stress reaction by direct stimulation of its promoter/enhancer activity in monocytic cells. Journal of Neuroimmunology, 2000, 105, 31-38.	1.1	102

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109	Regulatory T cells for minimising immune suppression in kidney transplantation: phase I/IIa clinical trial. BMJ, The, 2020, 371, m3734.	3.0	101
110	CXCL13 and CXCL12 in Central Nervous System Lymphoma Patients. Clinical Cancer Research, 2009, 15, 5968-5973.	3.2	100
111	BK polyomavirus infection and nephropathy: the virusâ€“immune system interplay. Nature Reviews Nephrology, 2011, 7, 399-406.	4.1	100
112	Central Role of CD45RAâ' Foxp3hi Memory Regulatory T Cells in Clinical Kidney Transplantation Tolerance. Journal of the American Society of Nephrology: JASN, 2015, 26, 1795-1805.	3.0	100
113	Is there an interaction between interleukin-10 and interleukin-22?. Genes and Immunity, 2005, 6, 8-18.	2.2	99
114	ENHANCED GRANULYSIN mRNA EXPRESSION IN URINARY SEDIMENT IN EARLY AND DELAYED ACUTE RENAL ALLOGRAFT REJECTION. Transplantation, 2004, 77, 1866-1875.	0.5	97
115	Loss of Receptor on Tuberculin-Reactive T-Cells Marks Active Pulmonary Tuberculosis. PLoS ONE, 2007, 2, e735.	1.1	96
116	Differential regulation of monocytic tumor necrosis factor-Î± and interleukin-10 expression. European Journal of Immunology, 1996, 26, 1580-1586.	1.6	92
117	Elimination of Protein Kinase MK5/PRAK Activity by Targeted Homologous Recombination. Molecular and Cellular Biology, 2003, 23, 7732-7741.	1.1	90
118	Adoptive T-Cell Therapy of a Lung Transplanted Patient with Severe CMV Disease and Resistance to Antiviral Therapy. American Journal of Transplantation, 2009, 9, 1679-1684.	2.6	90
119	Tumor necrosis factorâ€“alpha, transforming growth factorâ€“Î²1, and interleukin-10 gene polymorphisms: implication in protection or susceptibility to dengue hemorrhagic fever. Human Immunology, 2010, 71, 1135-1140.	1.2	90
120	Novel immunotherapies for psoriasis. Trends in Immunology, 2002, 23, 47-53.	2.9	89
121	Intervention at the Level of the Neuroendocrineâ€“Immune Axis and Postoperative Pneumonia Rate in Long-term Alcoholics. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 408-414.	2.5	88
122	Adiponectin is a negative regulator of antigenâ€activated T cells. European Journal of Immunology, 2011, 41, 2323-2332.	1.6	87
123	Improvements in Early Behavior of Rat Kidney Allografts After Treatment of the Brain-Dead Donor. Annals of Surgery, 2001, 234, 732-740.	2.1	86
124	Analysis of antigen-specific T-cell responses with synthetic peptidesâ€"what kind of peptide for which purpose?. Human Immunology, 2004, 65, 523-536.	1.2	86
125	Human immune responses to porcine xenogeneic matrices and their extracellular matrix constituents in vitro. Biomaterials, 2010, 31, 3793-3803.	5.7	86
126	Heme oxygenase-1 and its reaction product, carbon monoxide, prevent inflammation-related apoptotic liver damage in mice. Hepatology, 2003, 38, 909-918.	3.6	86

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127	Kinetics of Regulatory T Cells During Murine Pregnancy. American Journal of Reproductive Immunology, 2007, 58, 514-523.	1.2	85
128	Cross-Validation of IFN-Î³ Elispot Assay for Measuring Alloreactive Memory/Effector T Cell Responses in Renal Transplant Recipients. American Journal of Transplantation, 2013, 13, 1880-1890.	2.6	83
129	Immunoadsorption to remove ÃŸ2 adrenergic receptor antibodies in Chronic Fatigue Syndrome CFS/ME. PLoS ONE, 2018, 13, e0193672.	1.1	83
130	Analysis of Tumor Necrosis Factor-Î±, Transforming Growth Factor-Î², Interleukin-10, IL-6, and Interferon-Î³ Gene Polymorphisms in Patients With Chronic Periodontitis. Journal of Periodontology, 2006, 77, 1978-1983.	1.7	82
131	Deficient EBV-Specific B- and T-Cell Response in Patients with Chronic Fatigue Syndrome. PLoS ONE, 2014, 9, e85387.	1.1	82
132	Heat shock protein 70 in patients with chronic heart failure: relation to disease severity and survival. International Journal of Cardiology, 2004, 96, 397-401.	0.8	81
133	Haem oxygenaseâ€1 dictates intrauterine fetal survival in mice via carbon monoxide. Journal of Pathology, 2011, 225, 293-304.	2.1	80
134	Improvements in Gene Therapy. BioDrugs, 2002, 16, 3-10.	2.2	79
135	Expression profiling of IL-10-regulated genes in human monocytes and peripheral blood mononuclear cells from psoriatic patients during IL-10 therapy. European Journal of Immunology, 2004, 34, 481-493.	1.6	79
136	Identification of Gene Markers for the Prediction of Allograft Rejection or Permanent Acceptance. American Journal of Transplantation, 2007, 7, 1091-1102.	2.6	79
137	Blockage of Heme Oxygenase-1 Abrogates the Protective Effect of Regulatory T Cells on Murine Pregnancy and Promotes the Maturation of Dendritic Cells. PLoS ONE, 2012, 7, e42301.	1.1	79
138	ILâ€10 interferes directly with TCRâ€induced IFNâ€Î³ but not ILâ€17 production in memory T cells. European Journal of Immunology, 2009, 39, 1066-1077.	1.6	77
139	Impaired antigen presentation by human monocytes during endotoxin tolerance. Blood, 2000, 96, 218-223.	0.6	76
140	Expression of functional T-cell markers and T-cell receptor Vbeta repertoire in endomyocardial biopsies from patients presenting with acute myocarditis and dilated cardiomyopathy. European Journal of Heart Failure, 2011, 13, 611-618.	2.9	75
141	High levels of CMV-IE-1-specific memory T cells are associated with less alloimmunity and improved renal allograft function. Transplant Immunology, 2009, 20, 238-242.	0.6	74
142	Ursodeoxycholic Acid in Patients With Chronic Heart Failure. Journal of the American College of Cardiology, 2012, 59, 585-592.	1.2	74
143	Cholinergic Pathway Suppresses Pulmonary Innate Immunity Facilitating Pneumonia After Stroke. Stroke, 2015, 46, 3232-3240.	1.0	74
144	Lipocalinâ€2 is expressed by activated granulocytes and keratinocytes in affected skin and reflects disease activity in acne inversa/hidradenitis suppurativa. British Journal of Dermatology, 2017, 177, 1385-1393.	1.4	73

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145	Influence of monomethylfumarate on monocytic cytokine formation - explanation for adverse and therapeutic effects in psoriasis?. Archives of Dermatological Research, 1997, 289, 623-630.	1.1	72
146	Genomic Organization of the Gene Coding for TIRC7, a Novel Membrane Protein Essential for T Cell Activation. Genomics, 1999, 57, 398-406.	1.3	72
147	Serine proteinase inhibitor-9, an endogenous blocker of granzyme B/perforin lytic pathway, is hyperexpressed during acute rejection of renal allografts. Transplantation, 2003, 75, 1565-1570.	0.5	72
148	B-Cell-Related Biomarkers of Tolerance are Up-Regulated in Rejection-Free Kidney Transplant Recipients. Transplantation, 2013, 95, 148-154.	0.5	72
149	Immunomodulative Efficacy of Bone Marrow-Derived Mesenchymal Stem Cells Cultured in Human Platelet Lysate. Journal of Clinical Immunology, 2011, 31, 1143-1156.	2.0	71
150	Prevention of Acute Allograft Rejection by Antibody Targeting of TIRC7, a Novel T Cell Membrane Protein. Immunity, 1998, 9, 509-518.	6.6	70
151	A functional corona around extracellular vesicles enhances angiogenesis, skin regeneration and immunomodulation. Journal of Extracellular Vesicles, 2022, 11, e12207.	5.5	70
152	T Cell Stimulus-Induced Crosstalk between Lymphocytes and Liver Macrophages Results in Augmented Cytokine Release. Experimental Cell Research, 1996, 229, 137-146.	1.2	69
153	Comparison of Monocyte Functions after LPS- or IL-10-Induced Reorientation: Importance in Clinical Immunoparalysis. Pathobiology, 1999, 67, 253-256.	1.9	69
154	Pre-eclampsia is not Associated with Changes in the Levels of Regulatory T Cells in Peripheral Blood. American Journal of Reproductive Immunology, 2005, 54, 384-389.	1.2	69
155	QUANTITATIVE PCR ANALYSIS OF CYTOKINE TRANSCRIPTION PATTERNS IN PERIPHERAL MONONUCLEAR CELLS AFTER ANTI-CD3 REJECTION THERAPY USING TWO NOVEL MULTISPECIFIC COMPETITOR FRAGMENTS1. Transplantation, 1994, 58, 264-267.	0.5	69
156	A NONDEPLETING ANTI-RAT CD4 MONOCLONAL ANTIBODY THAT SUPPRESSES T HELPER 1-LIKE BUT NOT T HELPER 2-LIKE INTRAGRAFT LYMPHOKINE SECRETION INDUCES LONG-TERM SURVIVAL OF RENAL ALLOGRAFTS. Transplantation, 1994, 57, 464-467.	0.5	68
157	Immunomodulation by Interleukin-10 Therapy Decreases the Incidence of Relapse and Prolongs the Relapse-free Interval in Psoriasis. Journal of Investigative Dermatology, 2002, 118, 672-677.	0.3	68
158	Identification of Dialysis Patients with Panel-Reactive Memory T Cells before Kidney Transplantation Using an Allogeneic Cell Bank. Journal of the American Society of Nephrology: JASN, 2006, 17, 573-580.	3.0	68
159	Interleukin-10 enhances the CD14-dependent phagocytosis of bacteria and apoptotic cells by human monocytes. Human Immunology, 2007, 68, 730-738.	1.2	68
160	Absolute and functional iron deficiency in professional athletes during training and recovery. International Journal of Cardiology, 2012, 156, 186-191.	0.8	68
161	Toward an Optimized Process for Clinical Manufacturing of CAR-Treg Cell Therapy. Trends in Biotechnology, 2020, 38, 1099-1112.	4.9	68
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