Heinrich Korner

List of Publications by Year
in descending order

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118 papers	7,431 citations	50276 46 h-index	58581 82 g-index
120 all docs	120 docs citations	120 times ranked	11214 citing authors

#	Article	IF	Citations
1	Alterations of subset and cytokine profile of peripheral T helper cells in PBMCs from Multiple Sclerosis patients or from individuals with MS risk SNPs near genes CYP27B1 and CYP24A1. Cytokine, 2022, 153, 155866.	3.2	2
2	CP-25 alleviates antigen-induced experimental SjÃ¶gren's syndrome in mice by inhibiting JAK1-STAT1/2-CXCL13 signaling and interfering with B-cell migration. Laboratory Investigation, 2021, 101, 1084-1097.	3.7	8
3	Absence of TNF Leads to Alternative Activation in Peritoneal Macrophages in Experimental Listeria Monocytogenes Infection. Immunological Investigations, 2021, , 1-18.	2.0	3
4	Glutaric Acidemia, Pathogenesis and Nutritional Therapy. Frontiers in Nutrition, 2021, 8, 704984.	3.7	7
5	Endoplasmic reticulum stress in autoimmune diseases. Immunobiology, 2020, 225, 151881.	1.9	16
6	Susceptibility to Intracellular Infections: Contributions of TNF to Immune Defense. Frontiers in Microbiology, 2020, 11, 1643.	3.5	19
7	Angiotensin II Type 2 Receptor Modulates Synovial Macrophage Polarization by Inhibiting GRK2 Membrane Translocation in a Rat Model of Collagen-Induced Arthritis. Journal of Immunology, 2020, 205, 3141-3153.	0.8	12
8	TNF deficiency dysregulates inflammatory cytokine production, leading to lung pathology and death during respiratory poxvirus infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15935-15946.	7.1	21
9	CC chemokine receptor 6 (CCR6) in the pathogenesis of systemic lupus erythematosus. Immunology and Cell Biology, 2020, 98, 845-853.	2.3	8
10	Alleviating effect of paeoniflorin-6â€²-O-benzene sulfonate in antigen-induced experimental SjÃ¶grenâ€™s syndrome by modulating B lymphocyte migration via CXCR5-GRK2-ERK/p38 signaling pathway. International Immunopharmacology, 2020, 80, 106199.	3.8	11
11	Emerging Roles for G-protein Coupled Receptors in Development and Activation of Macrophages. Frontiers in Immunology, 2019, 10, 2031.	4.8	23
12	TNF May Negatively Regulate Phagocytosis of Devil Facial Tumour Disease Cells by Activated Macrophages. Immunological Investigations, 2019, 48, 691-703.	2.0	4
13	MicroRNAs in Microglia: How do MicroRNAs Affect Activation, Inflammation, Polarization of Microglia and Mediate the Interaction Between Microglia and Glioma?. Frontiers in Molecular Neuroscience, 2019, 12, 125.	2.9	112
14	Voltage-gated sodium channel Nav1.5 promotes proliferation, migration and invasion of oral squamous cell carcinoma. Acta Biochimica Et Biophysica Sinica, 2019, 51, 561-569.	2.0	14
15	MicroRNA-31 Negatively Regulates Interleukin-34 Expression In Vitro. Immunological Investigations, 2019, 48, 597-607.	2.0	7
16	The Association Between Vitamin D and Multiple Sclerosis Risk: 1,25(OH)2D3 Induces Super-Enhancers Bound by VDR. Frontiers in Immunology, 2019, 10, 488.	4.8	25
17	The Regulatory Effects of Paeoniflorin and Its Derivative Paeoniflorin-6â€²-O-Benzene Sulfonate CP-25 on Inflammation and Immune Diseases. Frontiers in Pharmacology, 2019, 10, 57.	3.5	59
18	The Emerging Role of Voltage-Gated Sodium Channels in Tumor Biology. Frontiers in Oncology, 2019, 9, 124.	2.8	41

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19	The CCR6-CCL20 axis in humoral immunity and T-B cell immunobiology. Immunobiology, 2019, 224, 449-454.	1.9	59
20	Losartan suppresses the inflammatory response in collagen-induced arthritis by inhibiting the MAPK and NF-Î²B pathways in B and T cells. Inflammopharmacology, 2019, 27, 487-502.	3.9	24
21	NLRP3 inflammasome in colitis and colitis-associated colorectal cancer. Mammalian Genome, 2018, 29, 817-830.	2.2	41
22	Molecular Mechanisms of T Cells Activation by Dendritic Cells in Autoimmune Diseases. Frontiers in Pharmacology, 2018, 9, 642.	3.5	136
23	Absence of Tumor Necrosis Factor Supports Alternative Activation of Macrophages in the Liver after Infection with Leishmania major. Frontiers in Immunology, 2018, 9, 1.	4.8	717
24	Genomic Effects of the Vitamin D Receptor: Potentially the Link between Vitamin D, Immune Cells, and Multiple Sclerosis. Frontiers in Immunology, 2018, 9, 477.	4.8	52
25	Ontology and Function of Fibroblast-Like and Macrophage-Like Synoviocytes: How Do They Talk to Each Other and Can They Be Targeted for Rheumatoid Arthritis Therapy?. Frontiers in Immunology, 2018, 9, 1467.	4.8	82
26	Roles of <scp>SAMHD1</scp> in antiviral defense, autoimmunity and cancer. Reviews in Medical Virology, 2017, 27, e1931.	8.3	33
27	Expression of CCR6 on B cells in systemic lupus erythematosus patients. Clinical Rheumatology, 2017, 36, 1453-1456.	2.2	12
28	The absence of TNF permits myeloid Arginase 1 expression in experimental L. monocytogenes infection. Immunobiology, 2017, 222, 913-917.	1.9	13
29	1Î±,25-Dihydroxyvitamin D3 up-regulates IL-34 expression in SH-SY5Y neural cells. Innate Immunity, 2017, 23, 584-591.	2.4	20
30	The role of monocytes in models of infection by protozoan parasites. Molecular Immunology, 2017, 88, 174-184.	2.2	13
31	Early CCR6 expression on B cells modulates germinal centre kinetics and efficient antibody responses. Immunology and Cell Biology, 2017, 95, 33-41.	2.3	39
32	WNT ligands contribute to the immune response during septic shock and amplify endotoxemia-driven inflammation in mice. Blood Advances, 2017, 1, 1274-1286.	5.2	43
33	Expression of Membrane-Bound CC Chemokine Ligand 20 on Follicular T Helper Cells in Tâ€“B-Cell Conjugates. Frontiers in Immunology, 2017, 8, 1871.	4.8	20
34	CCR6/CCL20 chemokine axis in human immunodeficiency virus immunity and pathogenesis. Journal of General Virology, 2017, 98, 338-344.	2.9	28
35	Î²2GP1, Anti-Î²2GP1 Antibodies and Platelets: Key Players in the Antiphospholipid Syndrome. Antibodies, 2016, 5, 12.	2.5	25
36	TNF-Mediated Restriction of Arginase 1 Expression in Myeloid Cells Triggers Type 2 NO Synthase Activity at the Site of Infection. Cell Reports, 2016, 15, 1062-1075.	6.4	102

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37	Host-Parasite Interactions. , 2016, , 409-430.		0
38	Non-Anticoagulant Fractions of Enoxaparin Suppress Inflammatory Cytokine Release from Peripheral Blood Mononuclear Cells of Allergic Asthmatic Individuals. PLoS ONE, 2015, 10, e0128803.	2.5	22
39	The relationship between CCR6 and its binding partners: Does the CCR6â€“CCL20 axis have to be extended?. Cytokine, 2015, 72, 97-101.	3.2	48
40	Both Tumor Necrosis Factor Receptor Signaling Pathways Contribute to Mortality but not to Splenomegaly in Generalized Lymphoproliferative Disorder. Antibodies, 2015, 4, 1-10.	2.5	0
41	Focal MMP-2 and MMP-9 Activity at the Blood-Brain Barrier Promotes Chemokine-Induced Leukocyte Migration. Cell Reports, 2015, 10, 1040-1054.	6.4	160
42	Fatal Leishmaniasis in the Absence of TNF Despite a Strong Th1 Response. Frontiers in Microbiology, 2015, 6, 1520.	3.5	36
43	CCR6 supports migration and differentiation of a subset of DN1 early thymocyte progenitors but is not required for thymic nTreg development. Immunology and Cell Biology, 2014, 92, 489-498.	2.3	8
44	<scp>CCR</scp>7 facilitates the proâ€inflammatory function of dendritic cells in experimental leishmaniasis. Parasite Immunology, 2014, 36, 177-185.	1.5	3
45	CCR6 and CCL20: emerging players in the pathogenesis of rheumatoid arthritis. Immunology and Cell Biology, 2014, 92, 354-358.	2.3	52
46	CCR6 is transiently upregulated on B cells after activation and modulates the germinal center reaction in the mouse. Immunology and Cell Biology, 2013, 91, 335-339.	2.3	37
47	TNF-Î± and its receptors modulate complex behaviours and neurotrophins in transgenic mice. Psychoneuroendocrinology, 2013, 38, 3102-3114.	2.7	67
48	Roquin-2 Shares Functions with Its Paralog Roquin-1 in the Repression of mRNAs Controlling T Follicular Helper Cells and Systemic Inflammation. Immunity, 2013, 38, 669-680.	14.3	120
49	Different regulatory mechanisms in protozoan parasitic infections. International Journal for Parasitology, 2013, 43, 417-425.	3.1	8
50	Everolimus Limits Aortic Aneurysm in the Apolipoprotein Eâ€“Deficient Mouse by Downregulating C-C Chemokine Receptor 2 Positive Monocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 814-821.	2.4	40
51	CC Chemokine Ligand 20 and Its Cognate Receptor CCR6 in Mucosal T Cell Immunology and Inflammatory Bowel Disease: Odd Couple or Axis of Evil?. Frontiers in Immunology, 2013, 4, 194.	4.8	106
52	CCX-CKR deficiency alters thymic stroma impairing thymocyte development and promoting autoimmunity. Blood, 2013, 121, 118-128.	1.4	36
53	The Absence of CCR7 Results in Dysregulated Monocyte Migration and Immunosuppression Facilitating Chronic Cutaneous Leishmaniasis. PLoS ONE, 2013, 8, e79098.	2.5	18
54	Loss of TNF Signaling Facilitates the Development of a Novel Ly-6Clow Macrophage Population Permissive for Leishmania major Infection. Journal of Immunology, 2012, 188, 6258-6266.	0.8	22

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55	Epithelial Cell-Derived IL-25, but Not Th17 Cell-Derived IL-17 or IL-17F, Is Crucial for Murine Asthma. Journal of Immunology, 2012, 189, 3641-3652.	0.8	93
56	Tumour necrosis factor - alpha mediated mechanisms of cognitive dysfunction. Translational Neuroscience, 2012, 3, .	1.4	40
57	Treatment with 4Jointz reduces knee pain over 12 weeks of treatment in patients with clinical knee osteoarthritis: a randomised controlled trial. Osteoarthritis and Cartilage, 2012, 20, 1209-1216.	1.3	22
58	Redundancy of interleukin-6 in the differentiation of T cell and monocyte subsets during cutaneous leishmaniasis. Experimental Parasitology, 2011, 129, 270-276.	1.2	9
59	Mechanism of Cytotoxicity and Cellular Uptake of Lipophilic Inert Dinuclear Polypyridylruthenium(II) Complexes. ChemMedChem, 2011, 6, 848-858.	3.2	66
60	Inside Cover: Mechanism of Cytotoxicity and Cellular Uptake of Lipophilic Inert Dinuclear Polypyridylruthenium(II) Complexes (ChemMedChem 5/2011). ChemMedChem, 2011, 6, 742-742.	3.2	0
61	Role for MyD88, TLR2 and TLR9 but Not TLR1, TLR4 or TLR6 in Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2011, 187, 791-804.	0.8	70
62	Soluble lymphotoxin is an important effector molecule in GVHD and GVL. Blood, 2010, 115, 122-132.	1.4	49
63	The atypical chemokine receptor CCX-CKR scavenges homeostatic chemokines in circulation and tissues and suppresses Th17 responses. Blood, 2010, 116, 4130-4140.	1.4	70
64	The role of TNF in parasitic diseases: Still more questions than answers. International Journal for Parasitology, 2010, 40, 879-888.	3.1	38
65	Tumor necrosis factor negative bone marrowâ€derived dendritic cells exhibit deficient ILâ€10 expression. Immunology and Cell Biology, 2010, 88, 842-845.	2.3	7
66	Unique Requirements for Reactivation of Virus-Specific Memory B Lymphocytes. Journal of Immunology, 2010, 185, 4011-4021.	0.8	26
67	A Versatile High Throughput Screening System for the Simultaneous Identification of Anti-Inflammatory and Neuroprotective Compounds. Journal of Alzheimer's Disease, 2010, 19, 451-464.	2.6	26
68	Age-dependent, polyclonal hyperactivation of T cells is reduced in TNF-negativegld/gldmice. Journal of Leukocyte Biology, 2009, 85, 108-116.	3.3	7
69	Inhibition of CCR6 Function Reduces the Severity of Experimental Autoimmune Encephalomyelitis via Effects on the Priming Phase of the Immune Response. Journal of Immunology, 2009, 182, 3121-3130.	0.8	117
70	The effects of TNF deficiency on age-related cognitive performance. Psychoneuroendocrinology, 2009, 34, 615-619.	2.7	45
71	ASI 2009: Immunology â€œdown underâ€• European Journal of Immunology, 2009, 39, 1989-1990.	2.9	1
72	Burkholderia pseudomallei enhances maturation of bone marrow-derived dendritic cells. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, S71-S75.	1.8	7

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73	Rel/NFâ€ÎºB family member RelA regulates NK1.1^{â^'} to NK1.1⁺ transition as well as ILâ€15â€induced expansion of NKT cells. European Journal of Immunology, 2008, 38, 3508-3519.	2.9	52
74	Cognitive dysfunction in mice deficient for TNFâ€•and its receptors. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 1056-1064.	1.7	138
75	Induction of novel cytokines and chemokines by advanced glycation endproducts determined with a cytometric bead array. Cytokine, 2008, 41, 198-203.	3.2	49
76	Soluble Lymphotoxin Plays a Critical Role in Acute Graft-Versus-Host Disease. Blood, 2008, 112, 3510-3510.	1.4	0
77	LIGHT Is Critical for IL-12 Production by Dendritic Cells, Optimal CD4+ Th1 Cell Response, and Resistance to Leishmania major. Journal of Immunology, 2007, 179, 6901-6909.	0.8	47
78	Lymphotoxin Î±Î²2 (Membrane Lymphotoxin) Is Critically Important for Resistance toLeishmania majorInfection in Mice. Journal of Immunology, 2007, 179, 5358-5366.	0.8	15
79	TNF-dependent overexpression of CCL21 is an underlying cause of progressive lymphoaccumulation in generalized lymphoproliferative disorder. European Journal of Immunology, 2007, 37, 351-357.	2.9	11
80	TNF controls the infiltration of dendritic cells into the site of Leishmania major infection. Medical Microbiology and Immunology, 2007, 197, 29-37.	4.8	14
81	Protective immunity and delayed type hypersensitivity reaction are uncoupled in experimental Leishmania major infection of CCR6-negative mice. Microbes and Infection, 2007, 9, 291-299.	1.9	16
82	TNF Is Important for Pathogen Control and Limits Brain Damage in Murine Cerebral Listeriosis. Journal of Immunology, 2006, 177, 3972-3982.	0.8	40
83	An Essential Role for Tumor Necrosis Factor in the Formation of Experimental MurineStaphylococcus aureus-Induced Brain Abscess and Clearance. Journal of Neuropathology and Experimental Neurology, 2005, 64, 27-36.	1.7	35
84	Cryptopatches and isolated lymphoid follicles: dynamic lymphoid tissues dispensable for the generation of intraepithelial lymphocytes. European Journal of Immunology, 2005, 35, 98-107.	2.9	162
85	TNF but not Fas ligand provides protective anti-L. major immunity in C57BL/6 mice. Microbes and Infection, 2005, 7, 1461-1468.	1.9	14
86	Analysis of the CCR7 expression on murine bone marrow-derived and spleen dendritic cells. Journal of Leukocyte Biology, 2004, 76, 472-476.	3.3	37
87	The control of Leishmania (Leishmania) major by TNF in vivo is dependent on the parasite strain. Microbes and Infection, 2004, 6, 559-565.	1.9	52
88	CD8Î±- and Langerin-negative dendritic cells, but not Langerhans cells, act as principal antigen-presenting cells in leishmaniasis. European Journal of Immunology, 2004, 34, 1542-1550.	2.9	146
89	Both Lymphotoxin-Î± and TNF Are Crucial for Control ofToxoplasma gondiiin the Central Nervous System. Journal of Immunology, 2003, 170, 6172-6182.	0.8	99
90	Analysis of the maturation process of dendritic cells deficient for TNF and lymphotoxin-Î± reveals an essential role for TNF. Journal of Leukocyte Biology, 2003, 74, 216-222.	3.3	69

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91	CC chemokine ligand 20 partially controls adhesion of naive B cells to activated endothelial cells under shear stress. Blood, 2003, 102, 2724-2727.	1.4	43
92	Migration of Salmonella typhimurium -harboring bone marrow-derived dendritic cells towards the chemokines CCL19 and CCL21. Microbial Pathogenesis, 2002, 32, 207-218.	2.9	33
93	Î²1 Integrin Is Not Essential for Hematopoiesis but Is Necessary for the T Cell-Dependent IgM Antibody Response. Immunity, 2002, 16, 465-477.	14.3	66
94	Membrane lymphotoxin contributes to anti-leishmanial immunity by controlling structural integrity of lymphoid organs. European Journal of Immunology, 2002, 32, 1993.	2.9	28
95	Antigen-induced cell death of T effector cells in vitro proceeds via the Fas pathway, requires endogenous interferon-Î³ and is independent of perforin and granzymes. European Journal of Immunology, 2002, 32, 2490-2499.	2.9	25
96	Divergent expression of inflammatory dermal chemokines in cutaneous leishmaniasis*. Parasite Immunology, 2002, 24, 295-301.	1.5	82
97	Membrane-Bound TNF Supports Secondary Lymphoid Organ Structure but Is Subservient to Secreted TNF in Driving Autoimmune Inflammation. Immunity, 2001, 15, 533-543.	14.3	236
98	Recirculating and marginal zone B cell populations can be established and maintained independently of primary and secondary follicles. Immunology and Cell Biology, 2001, 79, 54-61.	2.3	17
99	Lymphotoxin controls Î± E Î²7â€integrin expression by peripheral CD8 + T cells. Immunology and Cell Biology, 2001, 79, 323-331.	2.3	7
100	Rapidly Fatal Leishmaniasis in Resistant C57BL/6 Mice Lacking TNF. Journal of Immunology, 2001, 166, 4012-4019.	0.8	188
101	Immune down-regulation and peripheral deletion of CD8 T cells does not require TNF receptor-ligand interactions nor CD95 (Fas, APO-1). European Journal of Immunology, 2000, 30, 678-682.	2.9	64
102	Tumor necrosis factor: a master-regulator of leukocyte movement. Trends in Immunology, 2000, 21, 110-113.	7.5	223
103	Tumor Necrosis Factor Sustains the Generalized Lymphoproliferative Disorder (gld) Phenotype. Journal of Experimental Medicine, 2000, 191, 89-96.	8.5	55
104	Lymphotoxin Î±/Î² and Tumor Necrosis Factor Are Required for Stromal Cell Expression of Homing Chemokines in B and T Cell Areas of the Spleen. Journal of Experimental Medicine, 1999, 189, 403-412.	8.5	529
105	Multiple deficiencies underlie NK cell inactivity in lymphotoxin-alpha gene-targeted mice. Journal of Immunology, 1999, 163, 1350-3.	0.8	33
106	TNF modulates susceptibility to UVB-induced systemic immunomodulation in mice by effects on dermal mast cell prevalence. European Journal of Immunology, 1998, 28, 2893-2901.	2.9	33
107	Generation of Splenic Follicular Structure and B Cell Movement in Tumor Necrosis Factorâ€“deficient Mice. Journal of Experimental Medicine, 1998, 188, 1503-1510.	8.5	47
108	Challenging Cytokine Redundancy: Inflammatory Cell Movement and Clinical Course of Experimental Autoimmune Encephalomyelitis Are Normal in Lymphotoxin-deficient, but Not Tumor Necrosis Factorâ€“deficient, Mice. Journal of Experimental Medicine, 1998, 187, 1517-1528.	8.5	146

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109	An Essential Role for Tumor Necrosis Factor in Natural Killer Cellâ€“mediated Tumor Rejection in the Peritoneum. Journal of Experimental Medicine, 1998, 188, 1611-1619.	8.5	126
110	Gene targeting in C57BL/6 ES cells. Successful germ line transmission using recipient BALB/c blastocysts developmentally matured in vitro. Nucleic Acids Research, 1997, 25, 917-918.	14.5	72
111	Critical Points of Tumor Necrosis Factor Action in Central Nervous System Autoimmune Inflammation Defined by Gene Targeting. Journal of Experimental Medicine, 1997, 186, 1585-1590.	8.5	217
112	Tumor necrosis factor blockade in actively induced experimental autoimmune encephalomyelitis prevents clinical disease despite activated T cell infiltration to the central nervous system. European Journal of Immunology, 1997, 27, 1973-1981.	2.9	112
113	Distinct roles for lymphotoxin-Î± and tumor necrosis factor in organogenesis and spatial organization of lymphoid tissue. European Journal of Immunology, 1997, 27, 2600-2609.	2.9	305
114	Inhibition of tumor necrosis factor activity minimizes target organ damage in experimental autoimmune uveoretinitis despite quantitatively normal activated T cell traffic to the retina. European Journal of Immunology, 1996, 26, 1018-1025.	2.9	129
115	Tumour necrosis factor and lymphotoxin: Molecular aspects and role in tissue-specific autoimmunity. Immunology and Cell Biology, 1996, 74, 465-472.	2.3	64
116	Unimpaired autoreactive T-cell traffic within the central nervous system during tumor necrosis factor receptor-mediated inhibition of experimental autoimmune encephalomyelitis.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 11066-11070.	7.1	62
117	Gene knock-out technology: a methodological overview for the interested novice. Journal of Immunological Methods, 1995, 181, 1-15.	1.4	100
118	Tumor necrosis factor alpha stimulates expression of adenovirus early region 3 proteins: implications for viral persistence.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 11857-11861.	7.1	63