## Heinrich Korner

List of Publications by Year in descending order

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50273 58576 7,431 118 46 82 citations h-index g-index papers 120 120 120 11214 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	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
2	Lymphotoxin $\hat{l}\pm\hat{l}^2$ 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
3	Distinct roles for lymphotoxin- $\hat{l}_{\pm}$ and tumor necrosis factor in organogenesis and spatial organization of lymphoid tissue. European Journal of Immunology, 1997, 27, 2600-2609.	2.9	305
4	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
5	Tumor necrosis factor: a master-regulator of leukocyte movement. Trends in Immunology, 2000, 21, 110-113.	7.5	223
6	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
7	Rapidly Fatal Leishmaniasis in Resistant C57BL/6 Mice Lacking TNF. Journal of Immunology, 2001, 166, 4012-4019.	0.8	188
8	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
9	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
10	Challenging Cytokine Redundancy: Inflammatory Cell Movement and Clinical Course of Experimental Autoimmune Encephalomyelitis Are Normal in Lymphotoxin-deficient, but Not Tumor Necrosis Factor–deficient, Mice. Journal of Experimental Medicine, 1998, 187, 1517-1528.	8.5	146
11	CD8α- 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
12	Cognitive dysfunction in mice deficient for TNF―and its receptors. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2008, 147B, 1056-1064.	1.7	138
13	Molecular Mechanisms of T Cells Activation by Dendritic Cells in Autoimmune Diseases. Frontiers in Pharmacology, 2018, 9, 642.	3.5	136
14	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
15	An Essential Role for Tumor Necrosis Factor in Natural Killer Cell–mediated Tumor Rejection in the Peritoneum. Journal of Experimental Medicine, 1998, 188, 1611-1619.	8.5	126
16	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
17	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
18	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

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19	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
20	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
21	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
22	Gene knock-out technology: a methodological overview for the interested novice. Journal of Immunological Methods, 1995, 181, 1-15.	1.4	100
23	Both Lymphotoxin-α and TNF Are Crucial for Control of <i>Toxoplasma gondii</i> in the Central Nervous System. Journal of Immunology, 2003, 170, 6172-6182.	0.8	99
24	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
25	Divergent expression of inflammatory dermal chemokines in cutaneous leishmaniasis*. Parasite Immunology, 2002, 24, 295-301.	1.5	82
26	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
27	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
28	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
29	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
30	Analysis of the maturation process of dendritic cells deficient for TNF and lymphotoxin-α reveals an essential role for TNF. Journal of Leukocyte Biology, 2003, 74, 216-222.	3.3	69
31	TNF- $\hat{l}\pm$ and its receptors modulate complex behaviours and neurotrophins in transgenic mice. Psychoneuroendocrinology, 2013, 38, 3102-3114.	2.7	67
32	$\hat{l}^21$ 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
33	Mechanism of Cytotoxicity and Cellular Uptake of Lipophilic Inert Dinuclear Polypyridylruthenium(II) Complexes. ChemMedChem, 2011, 6, 848-858.	3.2	66
34	Tumour necrosis factor and lymphotoxin: Molecular aspects and role in tissue-specific autoimmunity. Immunology and Cell Biology, 1996, 74, 465-472.	2.3	64
35	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
36	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

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37	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
38	The Regulatory Effects of Paeoniflorin and Its Derivative Paeoniflorin-6′-O-Benzene Sulfonate CP-25 on Inflammation and Immune Diseases. Frontiers in Pharmacology, 2019, 10, 57.	3.5	59
39	The CCR6-CCL20 axis in humoral immunity and T-B cell immunobiology. Immunobiology, 2019, 224, 449-454.	1.9	59
40	Tumor Necrosis Factor Sustains the Generalized Lymphoproliferative Disorder (gld) Phenotype. Journal of Experimental Medicine, 2000, 191, 89-96.	8.5	55
41	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
42	Rel/NFâ€PB family member RelA regulates NK1.1 <sup>â^'</sup> to NK1.1 <sup>+</sup> transition as well as ILâ€15â€induced expansion of NKT cells. European Journal of Immunology, 2008, 38, 3508-3519.	2.9	52
43	CCR6 and CCL20: emerging players in the pathogenesis of rheumatoid arthritis. Immunology and Cell Biology, 2014, 92, 354-358.	2.3	52
44	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
45	Induction of novel cytokines and chemokines by advanced glycation endproducts determined with a cytometric bead array. Cytokine, 2008, 41, 198-203.	3.2	49
46	Soluble lymphotoxin is an important effector molecule in GVHD and GVL. Blood, 2010, 115, 122-132.	1.4	49
47	The relationship between CCR6 and its binding partners: Does the CCR6–CCL20 axis have to be extended?. Cytokine, 2015, 72, 97-101.	3.2	48
48	Generation of Splenic Follicular Structure and B Cell Movement in Tumor Necrosis Factor–deficient Mice. Journal of Experimental Medicine, 1998, 188, 1503-1510.	8.5	47
49	LIGHT Is Critical for IL-12 Production by Dendritic Cells, Optimal CD4+ Th1 Cell Response, and Resistance to <i>Leishmania major</i> Iournal of Immunology, 2007, 179, 6901-6909.	0.8	47
50	The effects of TNF deficiency on age-related cognitive performance. Psychoneuroendocrinology, 2009, 34, 615-619.	2.7	45
51	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
52	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
53	NLRP3 inflammasome in colitis and colitis-associated colorectal cancer. Mammalian Genome, 2018, 29, 817-830.	2.2	41
54	The Emerging Role of Voltage-Gated Sodium Channels in Tumor Biology. Frontiers in Oncology, 2019, 9, 124.	2.8	41

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55	TNF Is Important for Pathogen Control and Limits Brain Damage in Murine Cerebral Listeriosis. Journal of Immunology, 2006, 177, 3972-3982.	0.8	40
56	Tumour necrosis factor - alpha mediated mechanisms of cognitive dysfunction. Translational Neuroscience, 2012, $3$ , .	1.4	40
57	Everolimus Limits Aortic Aneurysm in the Apolipoprotein E–Deficient Mouse by Downregulating C-C Chemokine Receptor 2 Positive Monocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 814-821.	2.4	40
58	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
59	The role of TNF in parasitic diseases: Still more questions than answers. International Journal for Parasitology, 2010, 40, 879-888.	3.1	38
60	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
61	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
62	CCX-CKR deficiency alters thymic stroma impairing thymocyte development and promoting autoimmunity. Blood, 2013, 121, 118-128.	1.4	36
63	Fatal Leishmaniasis in the Absence of TNF Despite a Strong Th1 Response. Frontiers in Microbiology, 2015, 6, 1520.	3.5	36
64	An Essential Role for Tumor Necrosis Factor in the Formation of Experimental Murine <i>Staphylococcus aureus</i> Ii-Induced Brain Abscess and Clearance. Journal of Neuropathology and Experimental Neurology, 2005, 64, 27-36.	1.7	35
65	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
66	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
67	Roles of <scp>SAMHD1</scp> in antiviral defense, autoimmunity and cancer. Reviews in Medical Virology, 2017, 27, e1931.	8.3	33
68	Multiple deficiencies underlie NK cell inactivity in lymphotoxin-alpha gene-targeted mice. Journal of Immunology, 1999, 163, 1350-3.	0.8	33
69	Membrane lymphotoxin contributes to anti-leishmanial immunity by controlling structural integrity of lymphoid organs. European Journal of Immunology, 2002, 32, 1993.	2.9	28
70	CCR6/CCL20 chemokine axis in human immunodeficiency virus immunity and pathogenesis. Journal of General Virology, 2017, 98, 338-344.	2.9	28
71	Unique Requirements for Reactivation of Virus-Specific Memory B Lymphocytes. Journal of Immunology, 2010, 185, 4011-4021.	0.8	26
72	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

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73	Antigen-induced cell death of T effector cells in vitro proceeds via the Fas pathway, requires endogenous interferon- $\hat{I}^3$ and is independent of perforin and granzymes. European Journal of Immunology, 2002, 32, 2490-2499.	2.9	25
74	$\hat{l}^2 2 GP1,$ Anti- $\hat{l}^2 2 GP1$ Antibodies and Platelets: Key Players in the Antiphospholipid Syndrome. Antibodies, 2016, 5, 12.	2.5	25
75	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
76	Losartan suppresses the inflammatory response in collagen-induced arthritis by inhibiting the MAPK and NF-ÎB pathways in B and T cells. Inflammopharmacology, 2019, 27, 487-502.	3.9	24
77	Emerging Roles for G-protein Coupled Receptors in Development and Activation of Macrophages. Frontiers in Immunology, 2019, 10, 2031.	4.8	23
78	Loss of TNF Signaling Facilitates the Development of a Novel Ly-6Clow Macrophage Population Permissive for <i>Leishmania major</i> Infection. Journal of Immunology, 2012, 188, 6258-6266.	0.8	22
79	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
80	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
81	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
82	$1\hat{l}_{\pm}$ ,25-Dihydroxyvitamin D3 up-regulates IL-34 expression in SH-SY5Y neural cells. Innate Immunity, 2017, 23, 584-591.	2.4	20
83	Expression of Membrane-Bound CC Chemokine Ligand 20 on Follicular T Helper Cells in T–B-Cell Conjugates. Frontiers in Immunology, 2017, 8, 1871.	4.8	20
84	Susceptibility to Intracellular Infections: Contributions of TNF to Immune Defense. Frontiers in Microbiology, 2020, 11, 1643.	3.5	19
85	The Absence of CCR7 Results in Dysregulated Monocyte Migration and Immunosuppression Facilitating Chronic Cutaneous Leishmaniasis. PLoS ONE, 2013, 8, e79098.	2.5	18
86	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
87	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
88	Endoplasmic reticulum stress in autoimmune diseases. Immunobiology, 2020, 225, 151881.	1.9	16
89	Lymphotoxin Î $\pm$ Î $^2$ 2 (Membrane Lymphotoxin) Is Critically Important for Resistance toLeishmania majorInfection in Mice. Journal of Immunology, 2007, 179, 5358-5366.	0.8	15
90	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

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91	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
92	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
93	The absence of TNF permits myeloid Arginase 1 expression in experimental L. monocytogenes infection. Immunobiology, 2017, 222, 913-917.	1.9	13
94	The role of monocytes in models of infection by protozoan parasites. Molecular Immunology, 2017, 88, 174-184.	2.2	13
95	Expression of CCR6 on B cells in systemic lupus erythematosus patients. Clinical Rheumatology, 2017, 36, 1453-1456.	2.2	12
96	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
97	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
98	Alleviating effect of paeoniflorin-6′-O-benzene sulfonate in antigen-induced experimental Sjögren's syndrome by modulating B lymphocyte migration via CXCR5-GRK2-ERK/p38 signaling pathway. International Immunopharmacology, 2020, 80, 106199.	3.8	11
99	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
100	Different regulatory mechanisms in protozoan parasitic infections. International Journal for Parasitology, 2013, 43, 417-425.	3.1	8
101	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
102	CC chemokine receptor 6 (CCR6) in the pathogenesis of systemic lupus erythematosus. Immunology and Cell Biology, 2020, 98, 845-853.	2.3	8
103	CP-25 alleviates antigen-induced experimental Sjögren'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
104	Lymphotoxin controls α E β7â€integrin expression by peripheral CD8 + T cells. Immunology and Cell Biology, 2001, 79, 323-331.	2.3	7
105	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
106	Age-dependent, polyclonal hyperactivation of T cells is reduced in TNF-negative <i>gld/gld</i> mice. Journal of Leukocyte Biology, 2009, 85, 108-116.	3.3	7
107	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
108	MicroRNA-31 Negatively Regulates Interleukin-34 Expression In Vitro. Immunological Investigations, 2019, 48, 597-607.	2.0	7

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109	Glutaric Acidemia, Pathogenesis and Nutritional Therapy. Frontiers in Nutrition, 2021, 8, 704984.	3.7	7
110	TNF May Negatively Regulate Phagocytosis of Devil Facial Tumour Disease Cells by Activated Macrophages. Immunological Investigations, 2019, 48, 691-703.	2.0	4
111	<scp>CCR</scp> 7 facilitates the proâ€inflammatory function of dendritic cells in experimental leishmaniasis. Parasite Immunology, 2014, 36, 177-185.	1.5	3
112	Absence of TNF Leads to Alternative Activation in Peritoneal Macrophages in Experimental Listeria Monocytogenes Infection. Immunological Investigations, 2021, , 1-18.	2.0	3
113	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
114	ASI 2009: Immunology "down under― European Journal of Immunology, 2009, 39, 1989-1990.	2.9	1
115	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
116	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
117	Host-Parasite Interactions., 2016,, 409-430.		0
118	Soluble Lymphotoxin Plays a Critical Role in Acute Graft-Versus-Host Disease. Blood, 2008, 112, 3510-3510.	1.4	0