Irmgard FÃ¶rster

List of Publications by Year
in descending order

109	17,574	38660 50	27345 106
papers	citations	h-index	g-index

109	109	109	28066
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CCL17 Aggravates Myocardial Injury by Suppressing Recruitment of Regulatory T Cells. Circulation, 2022, 145, 765-782.	1.6	42
2	Herpes simplex virus 1 proteins can induce skin inflammation in an atopic dermatitisâ€like mouse model. Experimental Dermatology, 2021, 30, 1699-1704.	1.4	4
3	CCL17â€expressing dendritic cells in the intestine are preferentially infected by Salmonella but CCL17 plays a redundant role in systemic dissemination. Immunity, Inflammation and Disease, 2021, 9, 891-904.	1.3	3
4	CD4+ T cell immunity to Salmonella is transient in the circulation. PLoS Pathogens, 2021, 17, e1010004.	2.1	5
5	Neutralization of Inflammasome-Processed Cytokines Reduces Inflammatory Mechanisms and Leukocyte Recruitment in the Vasculature of TNF-Î±-Stimulated Sickle Cell Disease Mice. Blood, 2021, 138, 856-856.	0.6	3
6	IgE reactivity against herpes simplex virus 1 in patients with atopic dermatitis complicated by eczema herpeticum. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 226-229.	2.7	9
7	Kupffer Cells Sense Free Fatty Acids and Regulate Hepatic Lipid Metabolism in High-Fat Diet and Inflammation. Cells, 2020, 9, 2258.	1.8	31
8	Generation of immune cell containing adipose organoids for in vitro analysis of immune metabolism. Scientific Reports, 2020, 10, 21104.	1.6	20
9	Dietary AhR Ligands Regulate AhRR Expression in Intestinal Immune Cells and Intestinal Microbiota Composition. International Journal of Molecular Sciences, 2020, 21, 3189.	1.8	38
10	AHR Signaling Dampens Inflammatory Signature in Neonatal Skin Î³Î´ T Cells. International Journal of Molecular Sciences, 2020, 21, 2249.	1.8	11
11	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
12	Indoleamine 2,3-Dioxygenase Activity During Acute Toxoplasmosis and the Suppressed T Cell Proliferation in Mice. Frontiers in Cellular and Infection Microbiology, 2019, 9, 184.	1.8	14
13	Enzymatic Activity of HPGD in Treg Cells Suppresses Tconv Cells to Maintain Adipose Tissue Homeostasis and Prevent Metabolic Dysfunction. Immunity, 2019, 50, 1232-1248.e14.	6.6	63
14	Innate and adaptive stimulation of murine diverse NKT cells result in distinct cellular responses. European Journal of Immunology, 2019, 49, 443-453.	1.6	7
15	Foxp1 controls mature B cell survival and the development of follicular and B-1 B cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3120-3125.	3.3	38
16	Dysregulated IL-18 Is a Key Driver of Immunosuppression and a Possible Therapeutic Target in the Multiple Myeloma Microenvironment. Cancer Cell, 2018, 33, 634-648.e5.	7.7	163
17	RNA Aptamers Recognizing Murine CCL17 Inhibit T Cell Chemotaxis and Reduce Contact Hypersensitivity InÂVivo. Molecular Therapy, 2018, 26, 95-104.	3.7	20
18	CCL17 exerts a neuroimmune modulatory function and is expressed in hippocampal neurons. Glia, 2018, 66, 2246-2261.	2.5	33

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19	CCL17 blockade as a therapy for osteoarthritis pain and disease. Arthritis Research and Therapy, 2018, 20, 62.	1.6	71
20	CSF-1 in Inflammatory and Arthritic Pain Development. Journal of Immunology, 2018, 201, 2042-2053.	0.4	22
21	TNF and granulocyte macrophage-colony stimulating factor interdependence mediates inflammation via CCL17. JCI Insight, 2018, 3, .	2.3	36
22	Gut microbial translocation corrupts myeloid cell function to control bacterial infection during liver cirrhosis. Gut, 2017, 66, 507-518.	6.1	65
23	Diindolylmethane Derivatives: Potent Agonists of the Immunostimulatory Orphan G Protein-Coupled Receptor GPR84. Journal of Medicinal Chemistry, 2017, 60, 3636-3655.	2.9	81
24	MyD88 Contributes to Staphylococcal Enterotoxin B-Triggered Atopic Dermatitis-Like Skin Inflammation in Mice. Journal of Investigative Dermatology, 2017, 137, 1802-1804.	0.3	4
25	AhR mediates an antiâ€inflammatory feedback mechanism in human Langerhans cells involving Fcî¼<scp>RI</scp> and <scp>IDO</scp>. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1686-1693.	2.7	26
26	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	1.6	505
27	Chemokine CCL17 is expressed by dendritic cells in the CNS during experimental autoimmune encephalomyelitis and promotes pathogenesis of disease. Brain, Behavior, and Immunity, 2017, 66, 382-393.	2.0	50
28	1st EMBL/DFG Women in Science Network Conference Heidelberg 2016. European Journal of Immunology, 2016, 46, 2492-2495.	1.6	2
29	Mannose receptor induces T-cell tolerance via inhibition of CD45 and up-regulation of CTLA-4. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10649-10654.	3.3	78
30	Reduced locomotor activity and exploratory behavior in CC chemokine receptor 4 deficient mice. Behavioural Brain Research, 2016, 314, 87-95.	1.2	18
31	Cannabinoid Receptor 2 Modulates Susceptibility to Experimental Cerebral Malaria through a CCL17-dependent Mechanism. Journal of Biological Chemistry, 2016, 291, 19517-19531.	1.6	18
32	Balancing intestinal and systemic inflammation through cell type-specific expression of the aryl hydrocarbon receptor repressor. Scientific Reports, 2016, 6, 26091.	1.6	54
33	Requirement of MyD88 signaling in keratinocytes for Langerhans cell migration and initiation of atopic dermatitisâ€like symptoms in mice. European Journal of Immunology, 2016, 46, 981-992.	1.6	16
34	Granulocyte macrophage colony-stimulating factor induces CCL17 production via IRF4 to mediate inflammation. Journal of Clinical Investigation, 2016, 126, 3453-3466.	3.9	129
35	Bcl-3 puts the brakes on contact hypersensitivity. European Journal of Immunology, 2015, 45, 971-974.	1.6	0
36	<scp>IL</scp>â€18 Cytokine Levels Modulate Innate Immune Responses and Cryptosporidiosis in Mice. Journal of Eukaryotic Microbiology, 2015, 62, 44-50.	0.8	23

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37	Aryl Hydrocarbon Receptor Repressor and TiPARP (ARTD14) Use Similar, but also Distinct Mechanisms to Repress Aryl Hydrocarbon Receptor Signaling. International Journal of Molecular Sciences, 2014, 15, 7939-7957.	1.8	52
38	Cytokineâ€dependent regulation of dendritic cell differentiation in the splenic microenvironment. European Journal of Immunology, 2014, 44, 500-510.	1.6	21
39	Ultraviolet-radiation-induced inflammation promotes angiotropism and metastasis in melanoma. Nature, 2014, 507, 109-113.	13.7	547
40	Aryl Hydrocarbon Receptor Repressor (AhRR) Function Revisited: Repression of CYP1 Activity in Human Skin Fibroblasts Is Not Related to AhRR Expression. Journal of Investigative Dermatology, 2013, 133, 87-96.	0.3	43
41	ASC Controls IFN-Î³ Levels in an IL-18â€“Dependent Manner in Caspase-1â€“Deficient Mice Infected with Francisella novicida. Journal of Immunology, 2013, 191, 3847-3857.	0.4	31
42	Influence of simulated gastrointestinal conditions on particle-induced cytotoxicity and interleukin-8 regulation in differentiated and undifferentiated Caco-2 cells. Nanotoxicology, 2013, 7, 353-366.	1.6	94
43	Prdm6 Is Essential for Cardiovascular Development In Vivo. PLoS ONE, 2013, 8, e81833.	1.1	15
44	CC chemokine receptor 4 is required for experimental autoimmune encephalomyelitis by regulating GM-CSF and IL-23 production in dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3897-3902.	3.3	72
45	CCL17 Promotes Intestinal Inflammation in Mice and Counteracts Regulatory T Cellâ€“Mediated Protection From Colitis. Gastroenterology, 2012, 142, 335-345.	0.6	82
46	Distinctive Toxicity of TiO₂ Rutile/Anatase Mixed Phase Nanoparticles on Caco-2 Cells. Chemical Research in Toxicology, 2012, 25, 646-655.	1.7	162
47	Influence of hypoxiaâ€inducible factor 1Î± on dendritic cell differentiation and migration. European Journal of Immunology, 2012, 42, 1226-1236.	1.6	81
48	IL-18 Inhibits Growth of Murine Orthotopic Prostate Carcinomas via Both Adaptive and Innate Immune Mechanisms. PLoS ONE, 2011, 6, e24241.	1.1	40
49	gp130 on macrophages/granulocytes modulates inflammation during experimental tuberculosis. European Journal of Cell Biology, 2011, 90, 505-514.	1.6	17
50	Activation of the inflammasome by amorphous silica and TiO₂nanoparticles in murine dendritic cells. Nanotoxicology, 2011, 5, 326-340.	1.6	175
51	Type I Interferon Inhibits Interleukin-1 Production and Inflammasome Activation. Immunity, 2011, 34, 213-223.	6.6	810
52	Letter to the Editor. Nanotoxicology, 2011, 5, 282-283.	1.6	9
53	CCL17 Controls Mast Cells for the Defense against Filarial Larval Entry. Journal of Immunology, 2011, 186, 4845-4852.	0.4	39
54	CCL17-expressing dendritic cells drive atherosclerosis by restraining regulatory T cell homeostasis in mice. Journal of Clinical Investigation, 2011, 121, 2898-2910.	3.9	223

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55	Proinflammatory cytokines down-regulate intestinal selenoprotein P biosynthesis via NOS2 induction. Free Radical Biology and Medicine, 2010, 49, 777-785.	1.3	48
56	Bioluminescence imaging allows measuring CD8 T cell function in the liver. Hepatology, 2010, 51, 1430-1437.	3.6	38
57	Alternative cross-priming through CCL17-CCR4-mediated attraction of CTLs toward NKT cellâ€“licensed DCs. Nature Immunology, 2010, 11, 313-320.	7.0	204
58	Requirement of CCL17 for CCR7- and CXCR4-dependent migration of cutaneous dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8736-8741.	3.3	99
59	MHC Class II Deficiency. , 2009, , 1306-1308.		0
60	Cytotoxicity and oxidative DNA damage by nanoparticles in human intestinal Caco-2 cells. Nanotoxicology, 2009, 3, 355-364.	1.6	235
61	Dynamics of gut mucosal and systemic Th1/Th2 cytokine responses in interferon-gamma and interleukin-12p40 knock out mice during primary and challenge Cryptosporidium parvum infection. Immunobiology, 2009, 214, 454-466.	0.8	53
62	Expression of chemokines and chemokine receptors in lesional and nonlesional upper skin of patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2009, 124, 753-760.e1.	1.5	90
63	MHCâ€restricted T cell receptor signaling is required for Î±Î²â€„TCR replacement of the pre T cell receptor. European Journal of Immunology, 2008, 38, 391-399.	1.6	4
64	Effective clearance of intracellular Leishmania major in vivo requires Pten in macrophages. European Journal of Immunology, 2008, 38, 1331-1340.	1.6	31
65	CD24a Expression Levels Discriminate Langerhans Cells from Dermal Dendritic Cells in Murine Skin and Lymph Nodes. Journal of Investigative Dermatology, 2008, 128, 1470-1475.	0.3	27
66	TNFR1 Signaling and IFN-Î³ Signaling Determine whether T Cells Induce Tumor Dormancy or Promote Multistage Carcinogenesis. Cancer Cell, 2008, 13, 507-518.	7.7	282
67	Decreased Susceptibility of Mice to Infection withListeria monocytogenesin the Absence of Interleukin-18. Infection and Immunity, 2008, 76, 3881-3890.	1.0	20
68	Crosstalk between Keratinocytes and Adaptive Immune Cells in an IÎºBÎ± Protein-Mediated Inflammatory Disease of the Skin. Immunity, 2007, 27, 296-307.	6.6	124
69	Control of cell polarity and motility by the PtdIns(3,4,5)P3 phosphatase SHIP1. Nature Cell Biology, 2007, 9, 36-44.	4.6	277
70	Essential crosstalk between myeloid and lymphoid cells for development of chronic colitis in myeloid-specific signal transducer and activator of transcription 3-deficient mice. Immunology, 2007, 120, 19-27.	2.0	27
71	Macrophages and neutrophils are the targets for immune suppression by glucocorticoids in contact allergy. Journal of Clinical Investigation, 2007, 117, 1381-1390.	3.9	225
72	MHC class II expression through a hitherto unknown pathway supports T helper cell-dependent immune responses: implications for MHC class II deficiency. Blood, 2006, 107, 1434-1444.	0.6	10

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73	Card9 controls a non-TLR signalling pathway for innate anti-fungal immunity. Nature, 2006, 442, 651-656.	13.7	780
74	Distinct and Nonredundant In Vivo Functions of TNF Produced by T Cells and Macrophages/Neutrophils. Immunity, 2005, 22, 93-104.	6.6	294
75	Stroma-Mediated Dysregulation of Myelopoiesis in Mice Lacking Î²BÎ±. Immunity, 2005, 22, 479-491.	6.6	97
76	Analysis of B-Cell Life-Span and Homeostasis. , 2004, 271, 59-66.		2
77	Mouse Lysozyme-M Knockout Mice Reveal How the Self-Determinant Hierarchy Shapes the T Cell Repertoire against This Circulating Self Antigen in Wild-Type Mice. Journal of Immunology, 2004, 173, 1763-1771.	0.4	17
78	Both IL-12 and IL-18 contribute to small intestinal Th1-type immunopathology following oral infection withToxoplasma gondii, but IL-12 is dominant over IL-18 in parasite control. European Journal of Immunology, 2004, 34, 3197-3207.	1.6	86
79	Alternative Macrophage Activation Is Essential for Survival during Schistosomiasis and Downmodulates T Helper 1 Responses and Immunopathology. Immunity, 2004, 21, 455.	6.6	3
80	Alternative Macrophage Activation Is Essential for Survival during Schistosomiasis and Downmodulates T Helper 1 Responses and Immunopathology. Immunity, 2004, 20, 623-635.	6.6	651
81	SOCS3 negatively regulates IL-6 signaling in vivo. Nature Immunology, 2003, 4, 540-545.	7.0	743
82	HIF-1Î± Is Essential for Myeloid Cell-Mediated Inflammation. Cell, 2003, 112, 645-657.	13.5	1,862
83	HIF-1Î± Is Essential for Myeloid Cell-Mediated Inflammation. Cell, 2003, 113, 419.	13.5	8
84	Rac1 Deletion in Mouse Neutrophils Has Selective Effects on Neutrophil Functions. Journal of Immunology, 2003, 170, 5652-5657.	0.4	276
85	Compartmentalized Production of CCL17 In Vivo. Journal of Experimental Medicine, 2003, 197, 585-599.	4.2	169
86	Inhibition of NF-Î²B activation in macrophages increases atherosclerosis in LDL receptorâ€“deficient mice. Journal of Clinical Investigation, 2003, 112, 1176-1185.	3.9	157
87	Inhibition of NF-Î²B activation in macrophages increases atherosclerosis in LDL receptorâ€“deficient mice. Journal of Clinical Investigation, 2003, 112, 1176-1185.	3.9	272
88	Genetic Dissection of the Cellular Pathways and Signaling Mechanisms in Modeled Tumor Necrosis Factorâ€“induced Crohn's-like Inflammatory Bowel Disease. Journal of Experimental Medicine, 2002, 196, 1563-1574.	4.2	256
89	Failure of HY-Specific Thymocytes to Escape Negative Selection by Receptor Editing. Immunity, 2002, 16, 707-718.	6.6	64
90	Anti-Interleukin-18 Therapy in Murine Models of Inflammatory Bowel Disease. Pathobiology, 2002, 70, 164-169.	1.9	29

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91	Generation of neutralizing mouse anti-mouse IL-18 antibodies for inhibition of inflammatory responses in vivo. Journal of Immunological Methods, 2002, 259, 149-157.	0.6	17
92	Interleukin-10 is crucial for maintenance but not for developmental induction of peripheral T cell tolerance. European Journal of Immunology, 2002, 32, 3607-3616.	1.6	18
93	Conditional gene targeting in macrophages and granulocytes using LysMcre mice. Transgenic Research, 1999, 8, 265-277.	1.3	1,850
94	The murine Î²-chemokine TARC is expressed by subsets of dendritic cells and attracts primed CD4+ T cells. European Journal of Immunology, 1999, 29, 2684-2694.	1.6	125
95	Enhanced Th1 Activity and Development of Chronic Enterocolitis in Mice Devoid of Stat3 in Macrophages and Neutrophils. Immunity, 1999, 10, 39-49.	6.6	1,160
96	Residual MHC Class II Expression on Mature Dendritic Cells and Activated B Cells in RFX5-Deficient Mice. Immunity, 1998, 8, 143-155.	6.6	61
97	Controlling Autoreactivity of CD4 T Cells by Local Tolerance Induction. Autoimmunity, 1998, 6, 89-94.	0.6	1
98	Peripheral tolerance of CD4 T cells following local activation in adolescent mice. European Journal of Immunology, 1996, 26, 3194-3202.	1.6	75
99	Limited capacity for tolerization of CD4+ T cells specific for a pancreatic Î² cell neo-antigen. Immunity, 1995, 2, 573-585.	6.6	117
100	Study of Murine B-Cell Development through Analysis of Immunoglobulin Variable Region Genesa. Annals of the New York Academy of Sciences, 1992, 651, 304-310.	1.8	11
101	T Cell-Dependent Antibody Production by Ly-1 B Cellsa. Annals of the New York Academy of Sciences, 1992, 651, 328-335.	1.8	42
102	An explanation for the defect in secretion of IgM Mott cells and their predominant occurrence in the Ly-1 B cell compartment. European Journal of Immunology, 1992, 22, 531-539.	1.6	18
103	Dividing cells in bone marrow and spleen incorporate bromodeoxyuridine with high efficiency. European Journal of Immunology, 1991, 21, 235-238.	1.6	36
104	Generation of long-lived B cells in germ-free mice. European Journal of Immunology, 1991, 21, 1779-1782.	1.6	16
105	Most peripheral B cells in mice are ligand selected.. Journal of Experimental Medicine, 1991, 173, 1357-1371.	4.2	423
106	The bulk of the peripheral B-cell pool in mice is stable and not rapidly renewed from the bone marrow.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 4781-4784.	3.3	213
107	Flow cytometric analysis of cell proliferation dynamics in the B cell compartment of the mouse. International Immunology, 1989, 1, 321-331.	1.8	156
108	Evolutionary and somatic selection of the antibody repertoire in the mouse. Science, 1987, 238, 1088-1094.	6.0	383

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109	Expansion and functional activity of Ly-1+ B cells upon transfer of peritoneal cells into allotype-congenic, newborn mice. European Journal of Immunology, 1987, 17, 521-528.	1.6	311