

Klaus Pfeffer

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

10,541
citations

126708

33
h-index

69108

77
g-index

84
all docs

84
docs citations

84
times ranked

14747
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolites produced by commensal bacteria promote peripheral regulatory T-cell generation. <i>Nature</i> , 2013, 504, 451-455.	13.7	3,412
2	Mice deficient for the 55 kd tumor necrosis factor receptor are resistant to endotoxic shock, yet succumb to <i>L. monocytogenes</i> infection. <i>Cell</i> , 1993, 73, 457-467.	13.5	1,640
3	The intriguing biology of the tumour necrosis factor/tumour necrosis factor receptor superfamily: players, rules and the games. <i>Immunology</i> , 2005, 115, 1-20.	2.0	697
4	The Lymphotoxin \hat{I}^2 Receptor Controls Organogenesis and Affinity Maturation in Peripheral Lymphoid Tissues. <i>Immunity</i> , 1998, 9, 59-70.	6.6	670
5	Biological functions of tumor necrosis factor cytokines and their receptors. <i>Cytokine and Growth Factor Reviews</i> , 2003, 14, 185-191.	3.2	355
6	Mature Follicular Dendritic Cell Networks Depend on Expression of Lymphotoxin \hat{I}^2 Receptor by Radioresistant Stromal Cells and of Lymphotoxin \hat{I}^2 and Tumor Necrosis Factor by B Cells. <i>Journal of Experimental Medicine</i> , 1999, 189, 159-168.	4.2	294
7	Guanylate-binding proteins promote activation of the AIM2 inflammasome during infection with <i>Francisella novicida</i> . <i>Nature Immunology</i> , 2015, 16, 476-484.	7.0	291
8	An aberrant STAT pathway is central to COVID-19. <i>Cell Death and Differentiation</i> , 2020, 27, 3209-3225.	5.0	224
9	Extensive Characterization of IFN-Induced GTPases mGBP1 to mGBP10 Involved in Host Defense. <i>Journal of Immunology</i> , 2007, 179, 7729-7740.	0.4	200
10	Murine Guanylate Binding Protein 2 (mGBP2) controls <i>Toxoplasma gondii</i> replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 294-299.	3.3	199
11	<i>LPS</i> targets host guanylate-binding proteins to the bacterial outer membrane for non-canonical inflammasome activation. <i>EMBO Journal</i> , 2018, 37, .	3.5	184
12	Guanylate-binding Protein 1 (Gbp1) Contributes to Cell-autonomous Immunity against <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003320.	2.1	170
13	The Lymphotoxin \hat{I}^2 Receptor Is Critically Involved in Controlling Infections with the Intracellular Pathogens <i>Mycobacterium tuberculosis</i> and <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2003, 170, 5210-5218.	0.4	134
14	Lymphotoxin-Mediated Crosstalk between B Cells and Splenic Stroma Promotes the Initial Type I Interferon Response to Cytomegalovirus. <i>Cell Host and Microbe</i> , 2008, 3, 67-76.	5.1	124
15	Listeriosis in p47phox ^{-/-} and TRp55 ^{-/-} Mice: Protection Despite Absence of ROI and Susceptibility Despite Presence of RNI. <i>Immunity</i> , 1997, 7, 419-432.	6.6	119
16	Guanylate binding proteins directly attack <i>Toxoplasma gondii</i> via supramolecular complexes. <i>ELife</i> , 2016, 5, .	2.8	114
17	Lymphatic Endothelial Cells Control Initiation of Lymph Node Organogenesis. <i>Immunity</i> , 2017, 47, 80-92.e4.	6.6	107
18	A Lymphotoxin-IFN- \hat{I}^2 Axis Essential for Lymphocyte Survival Revealed during Cytomegalovirus Infection. <i>Journal of Immunology</i> , 2005, 174, 7217-7225.	0.4	78

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19	IL-6 Trans-signaling Controls Liver Regeneration After Partial Hepatectomy. <i>Hepatology</i> , 2019, 70, 2075-2091.	3.6	75
20	Origin and differentiation trajectories of fibroblastic reticular cells in the splenic white pulp. <i>Nature Communications</i> , 2019, 10, 1739.	5.8	73
21	Distinct contributions of TNF and LT cytokines to the development of dendritic cells in vitro and their recruitment in vivo. <i>Blood</i> , 2003, 101, 1477-1483.	0.6	71
22	Analyses of murine GBP homology clusters based on in silico, in vitro and in vivo studies. <i>BMC Genomics</i> , 2008, 9, 158.	1.2	71
23	Immunity-related GTPase M (IRGM) Proteins Influence the Localization of Guanylate-binding Protein 2 (GBP2) by Modulating Macroautophagy. <i>Journal of Biological Chemistry</i> , 2011, 286, 30471-30480.	1.6	71
24	Contribution of the Lymphotoxin β Receptor to Liver Regeneration. <i>Journal of Immunology</i> , 2005, 175, 1295-1300.	0.4	65
25	Signal Via Lymphotoxin- β R on Bone Marrow Stromal Cells Is Required for an Early Checkpoint of NK Cell Development. <i>Journal of Immunology</i> , 2001, 166, 1684-1689.	0.4	64
26	Lymphotoxin β Receptor Activation on Macrophages Induces Cross-Tolerance to TLR4 and TLR9 Ligands. <i>Journal of Immunology</i> , 2012, 188, 3426-3433.	0.4	53
27	Rel/NF- κ B family member RelA regulates NK1.1 ⁺ to NK1.1 ⁺ transition as well as IL-15-induced expansion of NKT cells. <i>European Journal of Immunology</i> , 2008, 38, 3508-3519.	1.6	52
28	The GTPase Activity of Murine Guanylate-binding Protein 2 (mGBP2) Controls the Intracellular Localization and Recruitment to the Parasitophorous Vacuole of <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 27452-27466.	1.6	46
29	Genetic structure of SARS-CoV-2 reflects clonal superspreading and multiple independent introduction events, North-Rhine Westphalia, Germany, February and March 2020. <i>Eurosurveillance</i> , 2020, 25, .	3.9	45
30	Both Functional LT β Receptor and TNF Receptor 2 Are Required for the Development of Experimental Cerebral Malaria. <i>PLoS ONE</i> , 2008, 3, e2608.	1.1	44
31	Detection and termination of an extended low-frequency hospital outbreak of GIM-1-producing <i>Pseudomonas aeruginosa</i> ST111 in Germany. <i>American Journal of Infection Control</i> , 2015, 43, 635-639.	1.1	42
32	Entry Mechanisms of Herpes Simplex Virus 1 into Murine Epidermis: Involvement of Nectin-1 and Herpesvirus Entry Mediator as Cellular Receptors. <i>Journal of Virology</i> , 2015, 89, 262-274.	1.5	42
33	Group 3 Innate Lymphoid Cells Program a Distinct Subset of IL-22BP-Producing Dendritic Cells Demarcating Solitary Intestinal Lymphoid Tissues. <i>Immunity</i> , 2020, 53, 1015-1032.e8.	6.6	41
34	Real-time PCR analysis of fungal organisms and bacterial species at peri-implantitis sites. <i>International Journal of Implant Dentistry</i> , 2015, 1, 9.	1.1	39
35	Balanced splicing at the Tat-specific HIV-1 3' ss A3 is critical for HIV-1 replication. <i>Retrovirology</i> , 2015, 12, 29.	0.9	36
36	Cutting Edge: Divergent Cell-Specific Functions of MyD88 for Inflammatory Responses and Organ Injury in Septic Peritonitis. <i>Journal of Immunology</i> , 2012, 188, 5833-5837.	0.4	34

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37	Impaired Immune Responses and Prolonged Allograft Survival in Sly1 Mutant Mice. <i>Molecular and Cellular Biology</i> , 2005, 25, 9646-9660.	1.1	32
38	Fetal origin confers radioresistance on liver macrophages via p21. <i>Journal of Hepatology</i> , 2019, 71, 553-562.	1.8	31
39	Cutting Edge: Selective Blockade of LIGHT-Lymphotoxin \hat{I}^2 Receptor Signaling Protects Mice from Experimental Cerebral Malaria Caused by <i>Plasmodium berghei</i> ANKA. <i>Journal of Immunology</i> , 2008, 181, 7458-7462.	0.4	26
40	Critical Roles for LIGHT and Its Receptors in Generating T Cell-Mediated Immunity during <i>Leishmania donovani</i> Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002279.	2.1	26
41	B Cell-Mediated Maintenance of Cluster of Differentiation 169 ⁺ Positive Cells Is Critical for Liver Regeneration. <i>Hepatology</i> , 2018, 68, 2348-2361.	3.6	26
42	G \hat{I} Proteins are Indispensable for Hearing. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1509-1532.	1.1	25
43	Herpes Simplex Virus 1 Latency and the Kinetics of Reactivation Are Regulated by a Complex Network of Interactions between the Herpesvirus Entry Mediator, Its Ligands (gD, BTLA, LIGHT, and CD160), and the Latency-Associated Transcript. <i>Journal of Virology</i> , 2018, 92, .	1.5	21
44	Characterization of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection Clusters Based on Integrated Genomic Surveillance, Outbreak Analysis and Contact Tracing in an Urban Setting. <i>Clinical Infectious Diseases</i> , 2022, 74, 1039-1046.	2.9	21
45	VPS39-deficiency observed in type 2 diabetes impairs muscle stem cell differentiation via altered autophagy and epigenetics. <i>Nature Communications</i> , 2021, 12, 2431.	5.8	20
46	Introduction of a bead beating step improves fungal DNA extraction from selected patient specimens. <i>International Journal of Medical Microbiology</i> , 2020, 310, 151443.	1.5	19
47	Broad recruitment of mGBP family members to <i>Chlamydia trachomatis</i> inclusions. <i>PLoS ONE</i> , 2017, 12, e0185273.	1.1	19
48	Immediate lymphotoxin \hat{I}^2 receptor-mediated transcriptional response in host defense against <i>L. monocytogenes</i> . <i>Immunobiology</i> , 2008, 213, 353-366.	0.8	18
49	Essential Role of mGBP7 for Survival of <i>Toxoplasma gondii</i> Infection. <i>MBio</i> , 2020, 11, .	1.8	18
50	Species Diversity of Environmental GIM-1-Producing Bacteria Collected during a Long-Term Outbreak. <i>Applied and Environmental Microbiology</i> , 2016, 82, 3605-3610.	1.4	17
51	Tumor Necrosis Factor-Mediated Survival of CD169 ⁺ Cells Promotes Immune Activation during Vesicular Stomatitis Virus Infection. <i>Journal of Virology</i> , 2018, 92, .	1.5	16
52	Requirement of secondary lymphoid tissues for the induction of primary and secondary T cell responses against <i>Listeria monocytogenes</i> . <i>European Journal of Immunology</i> , 2008, 38, 127-138.	1.6	15
53	The orphan adapter protein SLY1 as a novel anti-apoptotic protein required for thymocyte development. <i>BMC Immunology</i> , 2009, 10, 38.	0.9	15
54	A novel comprehensive set of fungal Real time PCR assays (fuPCR) for the detection of fungi in immunocompromised haematological patients – A pilot study. <i>International Journal of Medical Microbiology</i> , 2016, 306, 611-623.	1.5	15

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55	Effect of <i>Mycoplasma hominis</i> and cytomegalovirus infection on pregnancy outcome: A prospective study of 200 Mongolian women and their newborns. <i>PLoS ONE</i> , 2017, 12, e0173283.	1.1	14
56	Fragile X mental retardation protein protects against tumour necrosis factor-mediated cell death and liver injury. <i>Gut</i> , 2020, 69, 133-145.	6.1	14
57	Long-Term, Low-Frequency Cluster of a German-Imipenemase-1-Producing <i>Enterobacter hormaechei</i> ssp. <i>steigerwaltii</i> ST89 in a Tertiary Care Hospital in Germany. <i>Microbial Drug Resistance</i> , 2018, 24, 1305-1315.	0.9	13
58	Structure of the SLY1 SAM homodimer reveals a new interface for SAM domain self-association. <i>Scientific Reports</i> , 2019, 9, 54.	1.6	13
59	Selective reconstitution of IFN γ gene function in Ncr1+ γ NK cells is sufficient to control systemic vaccinia virus infection. <i>PLoS Pathogens</i> , 2020, 16, e1008279.	2.1	13
60	Gymnotic Delivery of LNA Mixmers Targeting Viral SREs Induces HIV-1 mRNA Degradation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1088.	1.8	12
61	Immunotherapeutic targeting of LIGHT/LT β R/HVEM pathway fully recapitulates the reduced cytotoxic phenotype of LIGHT-deficient T cells. <i>MAbs</i> , 2016, 8, 478-490.	2.6	11
62	CD169 ⁺ macrophages in lymph node and spleen critically depend on dual RANK and LT β R signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	11
63	Lymphotoxin-beta receptor activation on macrophages ameliorates acute DSS-induced intestinal inflammation in a TRIM30 β -dependent manner. <i>Molecular Immunology</i> , 2012, 51, 128-135.	1.0	10
64	Faecal Carriage of Gram-Negative Multidrug-Resistant Bacteria among Patients Hospitalized in Two Centres in Ulaanbaatar, Mongolia. <i>PLoS ONE</i> , 2016, 11, e0168146.	1.1	9
65	Cooperative role of lymphotoxin β receptor and tumor necrosis factor receptor p55 in murine liver regeneration. <i>Journal of Hepatology</i> , 2016, 64, 1108-1117.	1.8	9
66	Clinical and microbiological characterization of sepsis and evaluation of sepsis scores. <i>PLoS ONE</i> , 2021, 16, e0247646.	1.1	9
67	Prevalence and characterization of antimicrobial resistance among gram-negative bacteria isolated from febrile hospitalized patients in central Ethiopia. <i>Antimicrobial Resistance and Infection Control</i> , 2022, 11, 8.	1.5	9
68	Biochemical and structural characterization of murine GBP7, a guanylate binding protein with an elongated C-terminal tail. <i>Biochemical Journal</i> , 2019, 476, 3161-3182.	1.7	8
69	Protracted Regional Dissemination of GIM-1-Producing <i>Serratia marcescens</i> in Western Germany. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	6
70	High Acquisition Rate of Gram-Negative Multi-Drug Resistant Organism Colonization During Hospitalization: A Perspective from a High Endemic Setting. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 3919-3927.	1.1	6
71	Natural brominated phenoxyphenols kill persistent and biofilm-incorporated cells of MRSA and other pathogenic bacteria. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 5985-5998.	1.7	5
72	The Lymphotoxin β Receptor Is Essential for Upregulation of IFN-Induced Guanylate-Binding Proteins and Survival after <i>Toxoplasma gondii</i> Infection. <i>Mediators of Inflammation</i> , 2017, 2017, 1-16.	1.4	3

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73	Crosstalk of Microorganisms and Immune Responses in Autoimmune Neuroinflammation: A Focus on Regulatory T Cells. <i>Frontiers in Immunology</i> , 2021, 12, 747143.	2.2	3
74	Fluorescent Indolo[3,2- <i>a</i>]phenazines against <i>Toxoplasma gondii</i> : Concise Synthesis by Gold-Catalyzed Cycloisomerization with 1,2-Silyl Migration and <i>ipso</i> -Iodination Suzuki Sequence. <i>Chemistry - A European Journal</i> , 2021, 27, 9774-9781.	1.7	2
75	fuPCR as diagnostic method for the detection of rare fungal pathogens, such as <i>Trichosporon</i> , <i>Cryptococcus</i> and <i>Fusarium</i> . <i>Medical Mycology</i> , 2021, 59, 1101-1113.	0.3	2
76	Lymphotoxin \hat{I}^2 Receptor: a Crucial Role in Innate and Adaptive Immune Responses against <i>Toxoplasma gondii</i> . <i>Infection and Immunity</i> , 2021, 89, .	1.0	1
77	Characterization of the <i>cagA</i> -gene in <i>Helicobacter pylori</i> in Mongolia and detection of two EPIYA-A enriched CagA types. <i>International Journal of Medical Microbiology</i> , 2022, 312, 151552.	1.5	1
78	Reply. <i>Hepatology</i> , 2019, 70, 1074-1075.	3.6	0
79	Lymphotoxin- \hat{I}^2 -receptor (LT \hat{I}^2 R) signaling on hepatocytes is required for liver regeneration after partial hepatectomy. <i>Biological Chemistry</i> , 2021, 402, 1147-1154.	1.2	0
80	Quantification and Surface Localization of the Hemolysin A Type I Secretion System at the Endogenous Level and under Conditions of Overexpression. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0189621.	1.4	0