Klaus Pfeffer

List of Publications by Year
in descending order

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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	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. Clinical Infectious Diseases, 2022, 74, 1039-1046.	2.9	21
2	Quantification and Surface Localization of the Hemolysin A Type I Secretion System at the Endogenous Level and under Conditions of Overexpression. Applied and Environmental Microbiology, 2022, 88, AEM0189621.	1.4	0
3	Prevalence and characterization of antimicrobial resistance among gram-negative bacteria isolated from febrile hospitalized patients in central Ethiopia. Antimicrobial Resistance and Infection Control, 2022, 11, 8.	1.5	9
4	CD169⁺macrophages in lymph node and spleen critically depend on dual RANK and LTbetaR signaling. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	11
5	Characterization of the cagA-gene in Helicobacter pylori in Mongolia and detection of two EPIYA-A enriched CagA types. International Journal of Medical Microbiology, 2022, 312, 151552.	1.5	1
6	Clinical and microbiological characterization of sepsis and evaluation of sepsis scores. PLoS ONE, 2021, 16, e0247646.	1.1	9
7	VPS39-deficiency observed in type 2 diabetes impairs muscle stem cell differentiation via altered autophagy and epigenetics. Nature Communications, 2021, 12, 2431.	5.8	20
8	Fluorescent Indolo[3,2â€a]phenazines against Toxoplasma gondii: Concise Synthesis by Goldâ€Catalyzed Cycloisomerization with 1,2â€Silyl Migration and ipsoâ€Iodination Suzuki Sequence. Chemistry - A European Journal, 2021, 27, 9774-9781.	1.7	2
9	Lymphotoxin Î² Receptor: a Crucial Role in Innate and Adaptive Immune Responses against Toxoplasma gondii. Infection and Immunity, 2021, 89, .	1.0	1
10	Lymphotoxin-Î²-receptor (LTÎ²R) signaling on hepatocytes is required for liver regeneration after partial hepatectomy. Biological Chemistry, 2021, 402, 1147-1154.	1.2	0
11	fuPCR as diagnostic method for the detection of rare fungal pathogens, such as Trichosporon, Cryptococcus and Fusarium. Medical Mycology, 2021, 59, 1101-1113.	0.3	2
12	High Acquisition Rate of Gram-Negative Multi-Drug Resistant Organism Colonization During Hospitalization: A Perspective from a High Endemic Setting. Infection and Drug Resistance, 2021, Volume 14, 3919-3927.	1.1	6
13	Crosstalk of Microorganisms and Immune Responses in Autoimmune Neuroinflammation: A Focus on Regulatory T Cells. Frontiers in Immunology, 2021, 12, 747143.	2.2	3
14	Fragile X mental retardation protein protects against tumour necrosis factor-mediated cell death and liver injury. Gut, 2020, 69, 133-145.	6.1	14
15	An aberrant STAT pathway is central to COVID-19. Cell Death and Differentiation, 2020, 27, 3209-3225.	5.0	224
16	Group 3 Innate Lymphoid Cells Program a Distinct Subset of IL-22BP-Producing Dendritic Cells Demarcating Solitary Intestinal Lymphoid Tissues. Immunity, 2020, 53, 1015-1032.e8.	6.6	41
17	Natural brominated phenoxyphenols kill persistent and biofilm-incorporated cells of MRSA and other pathogenic bacteria. Applied Microbiology and Biotechnology, 2020, 104, 5985-5998.	1.7	5
18	Essential Role of mGBP7 for Survival of Toxoplasma gondii Infection. MBio, 2020, 11, .	1.8	18

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19	Selective reconstitution of IFNâ€Î³ gene function in Ncr1+ÂNK cells is sufficient to control systemic vaccinia virus infection. PLoS Pathogens, 2020, 16, e1008279.	2.1	13
20	Introduction of a bead beating step improves fungal DNA extraction from selected patient specimens. International Journal of Medical Microbiology, 2020, 310, 151443.	1.5	19
21	Genetic structure of SARS-CoV-2 reflects clonal superspreading and multiple independent introduction events, North-Rhine Westphalia, Germany, February and March 2020. Eurosurveillance, 2020, 25, .	3.9	45
22	Structure of the SLy1 SAM homodimer reveals a new interface for SAM domain self-association. Scientific Reports, 2019, 9, 54.	1.6	13
23	Fetal origin confers radioresistance on liver macrophages via p21. Journal of Hepatology, 2019, 71, 553-562.	1.8	31
24	ILâ€6 Transâ€signaling Controls Liver Regeneration After Partial Hepatectomy. Hepatology, 2019, 70, 2075-2091.	3.6	75
25	Origin and differentiation trajectories of fibroblastic reticular cells in the splenic white pulp. Nature Communications, 2019, 10, 1739.	5.8	73
26	Reply. Hepatology, 2019, 70, 1074-1075.	3.6	0
27	Gymnotic Delivery of LNA Mixmers Targeting Viral SREs Induces HIV-1 mRNA Degradation. International Journal of Molecular Sciences, 2019, 20, 1088.	1.8	12
28	Biochemical and structural characterization of murine GBP7, a guanylate binding protein with an elongated C-terminal tail. Biochemical Journal, 2019, 476, 3161-3182.	1.7	8
29	<scp>LPS</scp> targets host guanylateâ€binding proteins to the bacterial outer membrane for nonâ€canonical inflammasome activation. EMBO Journal, 2018, 37, .	3.5	184
30	Tumor Necrosis Factor-Mediated Survival of CD169 ⁺ Cells Promotes Immune Activation during Vesicular Stomatitis Virus Infection. Journal of Virology, 2018, 92, .	1.5	16
31	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. Journal of Virology, 2018, 92, .	1.5	21
32	Long-Term, Low-Frequency Cluster of a German-Imipenemase-1-Producing Enterobacter hormaechei ssp. steigerwaltii ST89 in a Tertiary Care Hospital in Germany. Microbial Drug Resistance, 2018, 24, 1305-1315.	0.9	13
33	Gαi Proteins are Indispensable for Hearing. Cellular Physiology and Biochemistry, 2018, 47, 1509-1532.	1.1	25
34	B Cellâ€Mediated Maintenance of Cluster of Differentiation 169â€“Positive Cells Is Critical for Liver Regeneration. Hepatology, 2018, 68, 2348-2361.	3.6	26
35	Protracted Regional Dissemination of GIM-1-Producing Serratia marcescens in Western Germany. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	6
36	Lymphatic Endothelial Cells Control Initiation of Lymph Node Organogenesis. Immunity, 2017, 47, 80-92.e4.	6.6	107

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37	The LymphotoxinÎ²Receptor Is Essential for Upregulation of IFN-Induced Guanylate-Binding Proteins and Survival afterToxoplasma gondiiInfection. Mediators of Inflammation, 2017, 2017, 1-16.	1.4	3
38	Effect of Mycoplasma hominis and cytomegalovirus infection on pregnancy outcome: A prospective study of 200 Mongolian women and their newborns. PLoS ONE, 2017, 12, e0173283.	1.1	14
39	Broad recruitment of mGBP family members to Chlamydia trachomatis inclusions. PLoS ONE, 2017, 12, e0185273.	1.1	19
40	Faecal Carriage of Gram-Negative Multidrug-Resistant Bacteria among Patients Hospitalized in Two Centres in Ulaanbaatar, Mongolia. PLoS ONE, 2016, 11, e0168146.	1.1	9
41	Cooperative role of lymphotoxin Î² receptor and tumor necrosis factor receptor p55 in murine liver regeneration. Journal of Hepatology, 2016, 64, 1108-1117.	1.8	9
42	Species Diversity of Environmental GIM-1-Producing Bacteria Collected during a Long-Term Outbreak. Applied and Environmental Microbiology, 2016, 82, 3605-3610.	1.4	17
43	A novel comprehensive set of fungal Real time PCR assays (fuPCR) for the detection of fungi in immunocompromised haematological patientsâ€"A pilot study. International Journal of Medical Microbiology, 2016, 306, 611-623.	1.5	15
44	Immunotherapeutic targeting of LIGHT/LTÎ²R/HVEM pathway fully recapitulates the reduced cytotoxic phenotype of LIGHT-deficient T cells. MAbs, 2016, 8, 478-490.	2.6	11
45	Guanylate binding proteins directly attack Toxoplasma gondii via supramolecular complexes. ELife, 2016, 5, .	2.8	114
46	Guanylate-binding proteins promote activation of the AIM2 inflammasome during infection with Francisella novicida. Nature Immunology, 2015, 16, 476-484.	7.0	291
47	Detection and termination of an extended low-frequency hospital outbreak of GIM-1â€"producing Pseudomonas aeruginosa ST111 in Germany. American Journal of Infection Control, 2015, 43, 635-639.	1.1	42
48	Balanced splicing at the Tat-specific HIV-1 3â€²ss A3 is critical for HIV-1 replication. Retrovirology, 2015, 12, 29.	0.9	36
49	Real-time PCR analysis of fungal organisms and bacterial species at peri-implantitis sites. International Journal of Implant Dentistry, 2015, 1, 9.	1.1	39
50	Entry Mechanisms of Herpes Simplex Virus 1 into Murine Epidermis: Involvement of Nectin-1 and Herpesvirus Entry Mediator as Cellular Receptors. Journal of Virology, 2015, 89, 262-274.	1.5	42
51	Metabolites produced by commensal bacteria promote peripheral regulatory T-cell generation. Nature, 2013, 504, 451-455.	13.7	3,412
52	Guanylate-binding Protein 1 (Gbp1) Contributes to Cell-autonomous Immunity against Toxoplasma gondii. PLoS Pathogens, 2013, 9, e1003320.	2.1	170
53	Murine Guanylate Binding Protein 2 (mGBP2) controlsToxoplasma gondiireplication. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 294-299.	3.3	199
54	The GTPase Activity of Murine Guanylate-binding Protein 2 (mGBP2) Controls the Intracellular Localization and Recruitment to the Parasitophorous Vacuole of Toxoplasma gondii. Journal of Biological Chemistry, 2012, 287, 27452-27466.	1.6	46

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55	Cutting Edge: Divergent Cell-Specific Functions of MyD88 for Inflammatory Responses and Organ Injury in Septic Peritonitis. Journal of Immunology, 2012, 188, 5833-5837.	0.4	34
56	Lymphotoxin Î² Receptor Activation on Macrophages Induces Cross-Tolerance to TLR4 and TLR9 Ligands. Journal of Immunology, 2012, 188, 3426-3433.	0.4	53
57	Lymphotoxin-beta receptor activation on macrophages ameliorates acute DSS-induced intestinal inflammation in a TRIM30Î±-dependent manner. Molecular Immunology, 2012, 51, 128-135.	1.0	10
58	Immunity-related GTPase M (IRGM) Proteins Influence the Localization of Guanylate-binding Protein 2 (GBP2) by Modulating Macroautophagy. Journal of Biological Chemistry, 2011, 286, 30471-30480.	1.6	71
59	Critical Roles for LIGHT and Its Receptors in Generating T Cell-Mediated Immunity during Leishmania donovani Infection. PLoS Pathogens, 2011, 7, e1002279.	2.1	26
60	The orphan adapter protein SLY1 as a novel anti-apoptotic protein required for thymocyte development. BMC Immunology, 2009, 10, 38.	0.9	15
61	Requirement of secondary lymphoid tissues for the induction of primary and secondary T cell responses against Listeria monocytogenes. European Journal of Immunology, 2008, 38, 127-138.	1.6	15
62	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.	1.6	52
63	Analyses of murine GBP homology clusters based on in silico, in vitro and in vivo studies. BMC Genomics, 2008, 9, 158.	1.2	71
64	Immediate lymphotoxin Î² receptor-mediated transcriptional response in host defense against L. monocytogenes. Immunobiology, 2008, 213, 353-366.	0.8	18
65	Lymphotoxin-Mediated Crosstalk between B Cells and Splenic Stroma Promotes the Initial Type I Interferon Response to Cytomegalovirus. Cell Host and Microbe, 2008, 3, 67-76.	5.1	124
66	Cutting Edge: Selective Blockade of LIGHT-Lymphotoxin Î² Receptor Signaling Protects Mice from Experimental Cerebral Malaria Caused by Plasmodium berghei ANKA. Journal of Immunology, 2008, 181, 7458-7462.	0.4	26
67	Both Functional LTÎ² Receptor and TNF Receptor 2 Are Required for the Development of Experimental Cerebral Malaria. PLoS ONE, 2008, 3, e2608.	1.1	44
68	Extensive Characterization of IFN-Induced GTPases mGBP1 to mGBP10 Involved in Host Defense. Journal of Immunology, 2007, 179, 7729-7740.	0.4	200
69	The intriguing biology of the tumour necrosis factor/tumour necrosis factor receptor superfamily: players, rules and the games. Immunology, 2005, 115, 1-20.	2.0	697
70	A Lymphotoxin-IFN-Î² Axis Essential for Lymphocyte Survival Revealed during Cytomegalovirus Infection. Journal of Immunology, 2005, 174, 7217-7225.	0.4	78
71	Impaired Immune Responses and Prolonged Allograft Survival in Sly1 Mutant Mice. Molecular and Cellular Biology, 2005, 25, 9646-9660.	1.1	32
72	Contribution of the Lymphotoxin Î² Receptor to Liver Regeneration. Journal of Immunology, 2005, 175, 1295-1300.	0.4	65

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73	Biological functions of tumor necrosis factor cytokines and their receptors. Cytokine and Growth Factor Reviews, 2003, 14, 185-191.	3.2	355
74	The Lymphotoxin Î² Receptor Is Critically Involved in Controlling Infections with the Intracellular Pathogens Mycobacterium tuberculosis and Listeria monocytogenes. Journal of Immunology, 2003, 170, 5210-5218.	0.4	134
75	Distinct contributions of TNF and LT cytokines to the development of dendritic cells in vitro and their recruitment in vivo. Blood, 2003, 101, 1477-1483.	0.6	71
76	Signal Via Lymphotoxin-Î²R on Bone Marrow Stromal Cells Is Required for an Early Checkpoint of NK Cell Development. Journal of Immunology, 2001, 166, 1684-1689.	0.4	64
77	Mature Follicular Dendritic Cell Networks Depend on Expression of Lymphotoxin Î² Receptor by Radioresistant Stromal Cells and of Lymphotoxin Î² and Tumor Necrosis Factor by B Cells. Journal of Experimental Medicine, 1999, 189, 159-168.	4.2	294
78	The Lymphotoxin Î² Receptor Controls Organogenesis and Affinity Maturation in Peripheral Lymphoid Tissues. Immunity, 1998, 9, 59-70.	6.6	670
79	Listeriosis in p47phoxâ^'/â^' and TRp55â^'/â^' Mice: Protection Despite Absence of ROI and Susceptibility Despite Presence of RNI. Immunity, 1997, 7, 419-432.	6.6	119
80	Mice deficient for the 55 kd tumor necrosis factor receptor are resistant to endotoxic shock, yet succumb to L. monocytogenes infection. Cell, 1993, 73, 457-467.	13.5	1,640