

Eva-Maria Frickel

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,282
citations

172457

29
h-index

214800

47
g-index

55
all docs

55
docs citations

55
times ranked

3812
citing authors

#	ARTICLE	IF	CITATIONS
1	CD8 ⁺ Dendritic Cells Are the Critical Source of Interleukin-12 that Controls Acute Infection by <i>Toxoplasma gondii</i> Tachyzoites. <i>Immunity</i> , 2011, 35, 249-259.	14.3	334
2	TROSY-NMR reveals interaction between ERp57 and the tip of the calreticulin P-domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1954-1959.	7.1	269
3	Human GBP1 is a microbe-specific gatekeeper of macrophage apoptosis and pyroptosis. <i>EMBO Journal</i> , 2019, 38, e100926.	7.8	170
4	ERp57 Is a Multifunctional Thiol-Disulfide Oxidoreductase. <i>Journal of Biological Chemistry</i> , 2004, 279, 18277-18287.	3.4	169
5	IRG and GBP Host Resistance Factors Target Aberrant, Non-self Vacuoles Characterized by the Missing of IRGM Proteins. <i>PLoS Pathogens</i> , 2013, 9, e1003414.	4.7	163
6	Calnexin, Calreticulin, and ERp57: Teammates in Glycoprotein Folding. <i>Cell Biochemistry and Biophysics</i> , 2003, 39, 223-248.	1.8	151
7	Ubiquitin systems mark pathogen-containing vacuoles as targets for host defense by guanylate binding proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5628-37.	7.1	147
8	Determinants of GBP Recruitment to <i>Toxoplasma gondii</i> Vacuoles and the Parasitic Factors That Control It. <i>PLoS ONE</i> , 2011, 6, e24434.	2.5	123
9	Parasite Stage-Specific Recognition of Endogenous <i>Toxoplasma gondii</i> -Derived CD8 ⁺ T Cell Epitopes. <i>Journal of Infectious Diseases</i> , 2008, 198, 1625-1633.	4.0	111
10	The <i>Toxoplasma</i> Parasitophorous Vacuole: An Evolving Host-Parasite Frontier. <i>Trends in Parasitology</i> , 2017, 33, 473-488.	3.3	96
11	Human GBP1 does not localize to pathogen vacuoles but restricts <i>Toxoplasma gondii</i> . <i>Cellular Microbiology</i> , 2016, 18, 1056-1064.	2.1	95
12	Differential Regulation of Effector- and Central-Memory Responses to <i>Toxoplasma gondii</i> Infection by IL-12 Revealed by Tracking of Tgd057-Specific CD8 ⁺ T Cells. <i>PLoS Pathogens</i> , 2010, 6, e1000815.	4.7	92
13	K63-Linked Ubiquitination Targets <i>Toxoplasma gondii</i> for Endo-lysosomal Destruction in IFN γ -Stimulated Human Cells. <i>PLoS Pathogens</i> , 2016, 12, e1006027.	4.7	92
14	Exposing <i>Toxoplasma gondii</i> hiding inside the vacuole: a role for GBPs, autophagy and host cell death. <i>Current Opinion in Microbiology</i> , 2017, 40, 72-80.	5.1	91
15	<i>Toxoplasma gondii</i> Superinfection and Virulence during Secondary Infection Correlate with the Exact ROP5/ROP18 Allelic Combination. <i>MBio</i> , 2015, 6, e02280.	4.1	78
16	Apicomplexan UCHL3 retains dual specificity for ubiquitin and Nedd8 throughout evolution. <i>Cellular Microbiology</i> , 2007, 9, 1601-1610.	2.1	77
17	Cell Death of Gamma Interferon-Stimulated Human Fibroblasts upon <i>Toxoplasma gondii</i> Infection Induces Early Parasite Egress and Limits Parasite Replication. <i>Infection and Immunity</i> , 2013, 81, 4341-4349.	2.2	74
18	Domain Architecture of Protein-disulfide Isomerase Facilitates Its Dual Role as an Oxidase and an Isomerase in Ero1p-mediated Disulfide Formation. <i>Journal of Biological Chemistry</i> , 2006, 281, 876-884.	3.4	73

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19	Defining host–pathogen interactions employing an artificial intelligence workflow. <i>ELife</i> , 2019, 8, .	6.0	66
20	Transcriptional profiling unveils type I and II interferon networks in blood and tissues across diseases. <i>Nature Communications</i> , 2019, 10, 2887.	12.8	65
21	Transnuclear Mice with Predefined T Cell Receptor Specificities Against <i>Toxoplasma gondii</i> Obtained via SCNT. <i>Science</i> , 2010, 328, 243-248.	12.6	60
22	Human GBP1 Differentially Targets Salmonella and Toxoplasma to License Recognition of Microbial Ligands and Caspase-Mediated Death. <i>Cell Reports</i> , 2020, 32, 108008.	6.4	58
23	TRIM21 is critical for survival of <i>Toxoplasma gondii</i> infection and localises to GBP-positive parasite vacuoles. <i>Scientific Reports</i> , 2017, 7, 5209.	3.3	52
24	Yeast Glyoxalase I Is a Monomeric Enzyme with Two Active Sites. <i>Journal of Biological Chemistry</i> , 2001, 276, 1845-1849.	3.4	49
25	Human immunity to <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , 2019, 15, e1008097.	4.7	47
26	Lessons from <i>Toxoplasma</i> : Host responses that mediate parasite control and the microbial effectors that subvert them. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	44
27	<i>Chlamydia trachomatis</i> Is Resistant to Inclusion Ubiquitination and Associated Host Defense in Gamma Interferon-Primed Human Epithelial Cells. <i>MBio</i> , 2016, 7, .	4.1	41
28	Use and abuse of dendritic cells by <i>Toxoplasma gondii</i> . <i>Virulence</i> , 2012, 3, 678-689.	4.4	40
29	Macrophage–Microbe Interactions: Lessons from the Zebrafish Model. <i>Frontiers in Immunology</i> , 2017, 8, 1703.	4.8	40
30	The Interplay of Host Autophagy and Eukaryotic Pathogens. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 118.	3.7	40
31	Cysteine-Reactive Free ISG15 Generates IL-1–Producing CD8 ⁺ Dendritic Cells at the Site of Infection. <i>Journal of Immunology</i> , 2018, 201, 604-614.	0.8	32
32	RabGD1± is a negative regulator of interferon-γ-inducible GTPase-dependent cell-autonomous immunity to <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4581-90.	7.1	30
33	Clonal and atypical <i>Toxoplasma</i> strain differences in virulence vary with mouse sub-species. <i>International Journal for Parasitology</i> , 2019, 49, 63-70.	3.1	27
34	Immunoglobulin G signaling activates lysosome/phagosome docking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18226-18231.	7.1	26
35	T Cell Receptor–Major Histocompatibility Complex Interaction Strength Defines Trafficking and CD103+ Memory Status of CD8 T Cells in the Brain. <i>Frontiers in Immunology</i> , 2018, 9, 1290.	4.8	25
36	CD82 controls CpG–dependent TLR9 signaling. <i>FASEB Journal</i> , 2019, 33, 12500-12514.	0.5	16

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37	The zebrafish as a novel model for the <i>in vivo</i> study of <i>Toxoplasma gondii</i> replication and interaction with macrophages. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	2.4	16
38	Vaccinia virus hijacks ESCRT-mediated multivesicular body formation for virus egress. <i>Life Science Alliance</i> , 2021, 4, e202000910.	2.8	15
39	Transnuclear Mice with Pre-defined T Cell Receptor Specificities Against <i>Toxoplasma gondii</i> Obtained Via SCNT. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	14
40	HRMan 2.0: Next-generation artificial intelligence-driven analysis for broad host-pathogen interactions. <i>Cellular Microbiology</i> , 2021, 23, e13349.	2.1	14
41	<i>Toxoplasma</i> -proximal and distal control by GBPs in human macrophages. <i>Pathogens and Disease</i> , 2022, 79, .	2.0	11
42	Transnuclear CD 8 T cells specific for the immunodominant epitope Gra6 lower acute phase <i>Toxoplasma gondii</i> burden. <i>Immunology</i> , 2016, 149, 270-279.	4.4	9
43	Peripheral self-reactivity regulates antigen-specific CD8 T-cell responses and cell division under physiological conditions. <i>Open Biology</i> , 2016, 6, 160293.	3.6	7
44	C57BL/6 and 129 inbred mouse strains differ in Gbp2 and Gbp2b expression in response to inflammatory stimuli <i>in vivo</i> . <i>Wellcome Open Research</i> , 2019, 4, 124.	1.8	6
45	Murine Gbp1 and Gbp2 are ubiquitinated independent of <i>Toxoplasma gondii</i> infection. <i>BMC Research Notes</i> , 2018, 11, 166.	1.4	5
46	Mimicry Embedding Facilitates Advanced Neural Network Training for Image-Based Pathogen Detection. <i>MSphere</i> , 2020, 5, .	2.9	5
47	Image-Based Quantitation of Host Cell-Toxoplasma gondii Interplay Using HRMan: A Host Response to Microbe Analysis Pipeline. <i>Methods in Molecular Biology</i> , 2020, 2071, 411-433.	0.9	4
48	One gene to rule them all in a chronic brain infection. <i>Nature</i> , 2020, 579, 34-35.	27.8	0