Jeroen P J Saeij

List of Publications by Year
in descending order

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84 papers	12,290 citations	57631 44 h-index	71532 76 g-index
91 all docs	91 docs citations	91 times ranked	15065 citing authors

#	Article	IF	Citations
1	Sarcocystis calchasi and other Sarcocystidae detected in predatory birds in California, USA. International Journal for Parasitology: Parasites and Wildlife, 2022, 17, 91-99.	0.6	8
2	Toxoplasma GRA Peptide-Specific Serologic Fingerprints Discriminate Among Major Strains Causing Toxoplasmosis. Frontiers in Cellular and Infection Microbiology, 2021, 11, 621738.	1.8	6
3	Toxoplasma gondii Matrix Antigen 1 Is a Secreted Immunomodulatory Effector. MBio, 2021, 12, .	1.8	18
4	CRISPR screen to determine the in vivo fitness of Toxoplasma genes. STAR Protocols, 2021, 2, 100520.	0.5	0
5	TheToxoplasmaPolymorphic Effector GRA15 Mediates Seizure Induction by Modulating Interleukin-1 Signaling in the Brain. MBio, 2021, 12, e0133121.	1.8	4
6	Influence of the Host and Parasite Strain on the Immune Response During Toxoplasma Infection. Frontiers in Cellular and Infection Microbiology, 2020, 10, 580425.	1.8	51
7	ToxoplasmaMechanisms for Delivery of Proteins and Uptake of Nutrients Across the Host-Pathogen Interface. Annual Review of Microbiology, 2020, 74, 567-586.	2.9	34
8	Protozoal encephalitis associated with Sarcocystis calchasi and S. falcatula during an epizootic involving Brandt's cormorants (Phalacrocorax penicillatus) in coastal Southern California, USA. International Journal for Parasitology: Parasites and Wildlife, 2020, 12, 185-191.	0.6	10
9	Genome-wide screens identify Toxoplasma gondii determinants of parasite fitness in IFNÎ³-activated murine macrophages. Nature Communications, 2020, 11, 5258.	5.8	45
10	NaÃ¯ve CD8 T cell IFNÎ³ responses to a vacuolar antigen are regulated by an inflammasome-independent NLRP3 pathway and Toxoplasma gondii ROP5. PLoS Pathogens, 2020, 16, e1008327.	2.1	16
11	Comparative tachyzoite proteome analyses among six Neospora caninum isolates with different virulence. International Journal for Parasitology, 2020, 50, 377-388.	1.3	10
12	ToxoplasmaÂ GRA15 and GRA24 are important activators of the host innate immune response in the absence of TLR11. PLoS Pathogens, 2020, 16, e1008586.	2.1	24
13	Identification of a Master Regulator of Differentiation in Toxoplasma. Cell, 2020, 180, 359-372.e16.	13.5	170
14	Toxoplasma <scp>GRA</scp> 15 limits parasite growth in <scp>IFN</scp> Î³â€activated fibroblasts through <scp>TRAF</scp> ubiquitin ligases. EMBO Journal, 2020, 39, e103758.	3.5	31
15	Development and application of classical genetics in Toxoplasma gondii. , 2020, , 859-896.		2
16	Assays to Evaluate Toxoplasmaâ€“Macrophage Interactions. Methods in Molecular Biology, 2020, 2071, 347-370.	0.4	8
17	Title is missing!. , 2020, 16, e1008586.		0
18	Title is missing!. , 2020, 16, e1008586.		0

#	Article	IF	Citations
19	Title is missing!. , 2020, 16, e1008586.		0
20	Title is missing!. , 2020, 16, e1008586.		0
21	Toxoplasma GRA15 Activates the NF-Î²B Pathway through Interactions with TNF Receptor-Associated Factors. MBio, 2019, 10, .	1.8	56
22	The GRA17 Parasitophorous Vacuole Membrane Permeability Pore Contributes to Bradyzoite Viability. Frontiers in Cellular and Infection Microbiology, 2019, 9, 321.	1.8	24
23	InÂVivo CRISPR Screen Identifies TgWIP as a Toxoplasma Modulator of Dendritic Cell Migration. Cell Host and Microbe, 2019, 26, 478-492.e8.	5.1	69
24	Serotyping of Toxoplasma gondii Infection Using Peptide Membrane Arrays. Frontiers in Cellular and Infection Microbiology, 2019, 9, 408.	1.8	20
25	Clonal and atypical Toxoplasma strain differences in virulence vary with mouse sub-species. International Journal for Parasitology, 2019, 49, 63-70.	1.3	27
26	Three Toxoplasma gondii Dense Granule Proteins Are Required for Induction of Lewis Rat Macrophage Pyroptosis. MBio, 2019, 10, .	1.8	59
27	Toxoplasma CRISPR/Cas9 constructs are functional for gene disruption in Neospora caninum. International Journal for Parasitology, 2018, 48, 597-600.	1.3	16
28	Toxoplasma Does Not Secrete the GRA16 and GRA24 Effectors Beyond the Parasitophorous Vacuole Membrane of Tissue Cysts. Frontiers in Cellular and Infection Microbiology, 2018, 8, 366.	1.8	29
29	Exposing Toxoplasma gondii hiding inside the vacuole: a role for GBPs, autophagy and host cell death. Current Opinion in Microbiology, 2017, 40, 72-80.	2.3	91
30	The human immune response to Toxoplasma: Autophagy versus cell death. PLoS Pathogens, 2017, 13, e1006176.	2.1	45
31	Early Interactions of Murine Macrophages with Francisella tularensis Map to Mouse Chromosome 19. MBio, 2016, 7, e02243.	1.8	6
32	A Genome-wide CRISPR Screen in Toxoplasma Identifies Essential Apicomplexan Genes. Cell, 2016, 166, 1423-1435.e12.	13.5	667
33	Local admixture of amplified and diversified secreted pathogenesis determinants shapes mosaic Toxoplasma gondii genomes. Nature Communications, 2016, 7, 10147.	5.8	243
34	Transcriptional and Linkage Analyses Identify Loci that Mediate the Differential Macrophage Response to Inflammatory Stimuli and Infection. PLoS Genetics, 2015, 11, e1005619.	1.5	21
35	Toxoplasma gondii Superinfection and Virulence during Secondary Infection Correlate with the ExactROP5/ROP18Allelic Combination. MBio, 2015, 6, e02280.	1.8	78
36	The Toxoplasma Dense Granule Proteins GRA17 and GRA23 Mediate the Movement of Small Molecules between the Host and the Parasitophorous Vacuole. Cell Host and Microbe, 2015, 17, 642-652.	5.1	208

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37	The genetic basis for individual differences in mRNA splicing and APOBEC1 editing activity in murine macrophages. Genome Research, 2014, 24, 377-389.	2.4	13
38	Inflammasome Sensor NLRP1 Controls Rat Macrophage Susceptibility to Toxoplasma gondii. PLoS Pathogens, 2014, 10, e1003927.	2.1	127
39	Dual Role for Inflammasome Sensors NLRP1 and NLRP3 in Murine Resistance to Toxoplasma gondii. MBio, 2014, 5, .	1.8	244
40	Toxoplasma gondii Inhibits Gamma Interferon (IFN-Î³)- and IFN-Î²-Induced Host Cell STAT1 Transcriptional Activity by Increasing the Association of STAT1 with DNA. Infection and Immunity, 2014, 82, 706-719.	1.0	69
41	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. Immunity, 2014, 41, 339-340.	6.6	53
42	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. Immunity, 2014, 41, 14-20.	6.6	4,638
43	Incorporating alternative splicing and mRNA editing into the genetic analysis of complex traits. BioEssays, 2014, 36, 1032-1040.	1.2	4
44	Identification of three novel Toxoplasma gondii rhoptry proteins. International Journal for Parasitology, 2014, 44, 147-160.	1.3	30
45	miR-146a and miR-155 Delineate a MicroRNA Fingerprint Associated with Toxoplasma Persistence in the Host Brain. Cell Reports, 2014, 6, 928-937.	2.9	96
46	Genetic basis for phenotypic differences between different Toxoplasma gondii type I strains. BMC Genomics, 2013, 14, 467.	1.2	63
47	Structure of the Toxoplasma gondii ROP18 Kinase Domain Reveals a Second Ligand Binding Pocket Required for Acute Virulence. Journal of Biological Chemistry, 2013, 288, 34968-34980.	1.6	18
48	Toxoplasma gondii Rhoptry 16 Kinase Promotes Host Resistance to Oral Infection and Intestinal Inflammation Only in the Context of the Dense Granule Protein GRA15. Infection and Immunity, 2013, 81, 2156-2167.	1.0	90
49	Transcriptional Analysis of Murine Macrophages Infected with Different Toxoplasma Strains Identifies Novel Regulation of Host Signaling Pathways. PLoS Pathogens, 2013, 9, e1003779.	2.1	111
50	Cell Death of Gamma Interferon-Stimulated Human Fibroblasts upon Toxoplasma gondii Infection Induces Early Parasite Egress and Limits Parasite Replication. Infection and Immunity, 2013, 81, 4341-4349.	1.0	74
51	The Rhoptry Proteins ROP18 and ROP5 Mediate Toxoplasma gondii Evasion of the Murine, But Not the Human, Interferon-Gamma Response. PLoS Pathogens, 2012, 8, e1002784.	2.1	222
52	Admixture and recombination among Toxoplasma gondii lineages explain global genome diversity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13458-13463.	3.3	83
53	De novo reconstruction of the Toxoplasma gondii transcriptome improves on the current genome annotation and reveals alternatively spliced transcripts and putative long non-coding RNAs. BMC Genomics, 2012, 13, 696.	1.2	38
54	Toxoplasma gondii Clonal Strains All Inhibit STAT1 Transcriptional Activity but Polymorphic Effectors Differentially Modulate IFNÎ³ Induced Gene Expression and STAT1 Phosphorylation. PLoS ONE, 2012, 7, e51448.	1.1	60

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55	Toxoplasma and Plasmodium protein kinases: Roles in invasion and host cell remodelling. International Journal for Parasitology, 2012, 42, 21-32.	1.3	71
56	Cactin is essential for G1 progression in Toxoplasma gondii. Molecular Microbiology, 2012, 84, 566-577.	1.2	26
57	Polymorphic family of injected pseudokinases is paramount in Toxoplasma virulence. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9625-9630.	3.3	251
58	Toxoplasma Polymorphic Effectors Determine Macrophage Polarization and Intestinal Inflammation. Cell Host and Microbe, 2011, 9, 472-483.	5.1	238
59	Determinants of GBP Recruitment to Toxoplasma gondii Vacuoles and the Parasitic Factors That Control It. PLoS ONE, 2011, 6, e24434.	1.1	123
60	Toxoplasma gondii effectors are master regulators of the inflammatory response. Trends in Parasitology, 2011, 27, 487-495.	1.5	187
61	Strain-specific activation of the NF-ÎºB pathway by GRA15, a novel Toxoplasma gondii dense granule protein. Journal of Experimental Medicine, 2011, 208, 195-212.	4.2	375
62	Communication between Toxoplasma gondii and its host: impact on parasite growth, development, immune evasion, and virulence. Apmis, 2009, 117, 458-476.	0.9	158
63	Expression Quantitative Trait Locus Mapping of Toxoplasma Genes Reveals Multiple Mechanisms for Strain-Specific Differences in Gene Expression. Eukaryotic Cell, 2008, 7, 1403-1414.	3.4	42
64	A Cluster of Four Surface Antigen Genes Specifically Expressed in Bradyzoites,SAG2CDXY, Plays an Important Role inToxoplasma gondiiPersistence. Infection and Immunity, 2008, 76, 2402-2410.	1.0	56
65	Toxoplasma co-opts host gene expression by injection of a polymorphic kinase homologue. Nature, 2007, 445, 324-327.	13.7	540
66	Toxoplasma gondii: Inconsistent dissemination patterns following oral infection in mice. Experimental Parasitology, 2007, 116, 302-305.	0.5	57
67	Polymorphic Secreted Kinases Are Key Virulence Factors in Toxoplasmosis. Science, 2006, 314, 1780-1783.	6.0	563
68	Ontogeny of the common carp (Cyprinus carpio L.) innate immune system. Developmental and Comparative Immunology, 2006, 30, 557-574.	1.0	67
69	Analysis of gene expression during development: lessons from the Apicomplexa. Microbes and Infection, 2006, 8, 1623-1630.	1.0	25
70	Just one cross appears capable of dramatically altering the population biology of a eukaryotic pathogen like Toxoplasma gondii. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10514-10519.	3.3	112
71	Differences among the three major strains of Toxoplasma gondii and their specific interactions with the infected host. Trends in Parasitology, 2005, 21, 476-481.	1.5	284
72	Bioluminescence Imaging of Toxoplasma gondii Infection in Living Mice Reveals Dramatic Differences between Strains. Infection and Immunity, 2005, 73, 695-702.	1.0	187

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73	Minor effect of depletion of resident macrophages from peritoneal cavity on resistance of common carp Cyprinus carpio to blood flagellates. Diseases of Aquatic Organisms, 2003, 57, 67-75.	0.5	8
74	Molecular and functional characterization of carp TNF: a link between TNF polymorphism and trypanotolerance?. Developmental and Comparative Immunology, 2003, 27, 29-41.	1.0	151
75	Daily handling stress reduces resistance of carp to Trypanoplasma borreli: in vitro modulatory effects of cortisol on leukocyte function and apoptosis. Developmental and Comparative Immunology, 2003, 27, 233-245.	1.0	103
76	Different capacities of carp leukocytes to encounter nitric oxide-mediated stress: a role for the intracellular reduced glutathione pool. Developmental and Comparative Immunology, 2003, 27, 555-568.	1.0	28
77	The immune response of carp to Trypanoplasma borreli: kinetics of immune gene expression and polyclonal lymphocyte activation. Developmental and Comparative Immunology, 2003, 27, 859-874.	1.0	116
78	Differential expression and haplotypic variation of two interleukin-1Î² genes in the common carp (Cyprinus carpio L.). Cytokine, 2003, 22, 21-32.	1.4	82
79	Immune modulation by fish kinetoplastid parasites: a role for nitric oxide. Parasitology, 2002, 124, 77-86.	0.7	73
80	Molecular and functional characterization of a fish inducible-type nitric oxide synthase. Immunogenetics, 2000, 51, 339-346.	1.2	135
81	Identification and characterization of a fish natural resistance-associated macrophage protein () Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	32
82	Major histocompatibility genes in cyprinid fishes: theory and practice. Immunological Reviews, 1998, 166, 301-316.	2.8	48
83	Identification of a Master Regulator of Differentiation in Toxoplasma. SSRN Electronic Journal, 0, , .	0.4	4
84	New Avenues to Design Toxoplasma Vaccines Based on Oocysts and Cysts. Frontiers in Immunology, 0, 13, .	2.2	3