

# Robert G Schaut

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

391  
citations

858243

12  
h-index

889612

19  
g-index

28  
all docs

28  
docs citations

28  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucosal IFN $\gamma$ production and potential role in protection in Escherichia coli O157:H7 vaccinated and challenged cattle. <i>Scientific Reports</i> , 2021, 11, 9769.	1.6	2
2	Enhancing the Detection of Brucella-Specific CD4+ T Cell Responses in Cattle via in vitro Antigenic Expansion and Restimulation. <i>Frontiers in Immunology</i> , 2020, 11, 1944.	2.2	6
3	Recto-Anal Junction (RAJ) and Fecal Microbiomes of Cattle Experimentally Challenged With Escherichia coli O157:H7. <i>Frontiers in Microbiology</i> , 2020, 11, 693.	1.5	6
4	Sustained antigen release polyanhydride-based vaccine platform for immunization against bovine brucellosis. <i>Heliyon</i> , 2019, 5, e02370.	1.4	11
5	Cellular and Mucosal Immune Responses Following Vaccination with Inactivated Mutant of Escherichia coli O157:H7. <i>Scientific Reports</i> , 2019, 9, 6401.	1.6	8
6	Comparative genomics reveals structural and functional features specific to the genome of a foodborne Escherichia coli O157:H7. <i>BMC Genomics</i> , 2019, 20, 196.	1.2	22
7	Cattle intestinal microbiota shifts following Escherichia coli O157:H7 vaccination and colonization. <i>PLoS ONE</i> , 2019, 14, e0226099.	1.1	18
8	A polyanhydride-based implantable single dose vaccine platform for long-term immunity. <i>Vaccine</i> , 2018, 36, 1024-1025.	1.7	6
9	A single dose polyanhydride-based vaccine platform promotes and maintains anti-GnRH antibody titers. <i>Vaccine</i> , 2018, 36, 1016-1023.	1.7	10
10	Vaccination with killed whole-cells of Escherichia coli O157:H7 hha mutant emulsified with an adjuvant induced vaccine strain-specific serum antibodies and reduced E. coli O157:H7 fecal shedding in cattle. <i>Veterinary Microbiology</i> , 2018, 219, 190-199.	0.8	5
11	Escherichia coli O157:H7 virulence factors differentially impact cattle and bison macrophage killing capacity. <i>Microbial Pathogenesis</i> , 2018, 118, 251-256.	1.3	1
12	Leishmania-Derived Trimannose Modulates the Inflammatory Response To Significantly Reduce Leishmania major-Induced Lesions. <i>Infection and Immunity</i> , 2018, 86, .	1.0	3
13	Inflammasomes in livestock and wildlife: Insights into the intersection of pathogens and natural host species. <i>Veterinary Immunology and Immunopathology</i> , 2018, 201, 49-56.	0.5	22
14	Collection and Processing of Lymph Nodes from Large Animals for RNA Analysis: Preparing for Lymph Node Transcriptomic Studies of Large Animal Species. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	0
15	Leishmania incidence and prevalence in U.S. hunting hounds maintained via vertical transmission. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2017, 10, 75-81.	0.3	12
16	Development of a bead-agglutination assay for rapid detection of Tritrichomonas foetus. <i>Veterinary Parasitology</i> , 2017, 243, 188-191.	0.7	9
17	Bovine Viral Diarrhea Virus Type 2 Impairs Macrophage Responsiveness to Toll-Like Receptor Ligation with the Exception of Toll-Like Receptor 7. <i>PLoS ONE</i> , 2016, 11, e0159491.	1.1	16
18	Regulatory IgDhi B Cells Suppress T Cell Function via IL-10 and PD-L1 during Progressive Visceral Leishmaniasis. <i>Journal of Immunology</i> , 2016, 196, 4100-4109.	0.4	54

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19	Recovery of antigen-specific T cell responses from dogs infected with <i>Leishmania (L.) infantum</i> by use of vaccine associated TLR-agonist adjuvant. <i>Vaccine</i> , 2016, 34, 5225-5234.	1.7	31
20	Immunologic progression of canine leishmaniosis following vertical transmission in United States dogs. <i>Veterinary Immunology and Immunopathology</i> , 2016, 169, 34-38.	0.5	32
21	Acid-Triggered Degradable Reagents for Differentiation of Adaptive and Innate Immune Responses to <i>Leishmania</i> -Associated Sugars. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9610-9613.	7.2	6
22	Vectorborne Transmission of <i>Leishmania infantum</i> from Hounds, United States. <i>Emerging Infectious Diseases</i> , 2015, 21, 2209-2212.	2.0	29
23	Activation of Autophagy and Nucleotide-Binding Domain Leucine-Rich Repeat-Containing-Like Receptor Family, Pyrin Domain-Containing 3 Inflammasome during <i>Leishmania infantum</i> -Associated Glomerulonephritis. <i>American Journal of Pathology</i> , 2015, 185, 2105-2117.	1.9	36
24	Bovine viral diarrhea virus type 2 in vivo infection modulates TLR4 responsiveness in differentiated myeloid cells which is associated with decreased MyD88 expression. <i>Virus Research</i> , 2015, 208, 44-55.	1.1	14
25	Induction of interferon-gamma and downstream pathways during establishment of fetal persistent infection with bovine viral diarrhea virus. <i>Virus Research</i> , 2014, 183, 95-106.	1.1	25
26	Weaning management of newly received beef calves with or without continuous exposure to a persistently infected bovine viral diarrhea virus pen mate: Effects on rectal temperature and serum proinflammatory cytokine and haptoglobin concentrations. <i>Journal of Animal Science</i> , 2013, 91, 1400-1408.	0.2	5