Robert G Schaut

List of Publications by Year
in descending order

26	391	759190 12	794568 19
papers	citations	h-index	g-index

28	28	28	584
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mucosal IFNÎ³ production and potential role in protection in Escherichia coli O157:H7 vaccinated and challenged cattle. Scientific Reports, 2021, 11, 9769.	3.3	2
2	Enhancing the Detection of Brucella-Specific CD4+ T Cell Responses in Cattle via in vitro Antigenic Expansion and Restimulation. Frontiers in Immunology, 2020, 11, 1944.	4.8	6
3	Recto-Anal Junction (RAJ) and Fecal Microbiomes of Cattle Experimentally Challenged With Escherichia coli O157:H7. Frontiers in Microbiology, 2020, 11, 693.	3.5	6
4	Sustained antigen release polyanhydride-based vaccine platform for immunization against bovine brucellosis. Heliyon, 2019, 5, e02370.	3.2	11
5	Cellular and Mucosal Immune Responses Following Vaccination with Inactivated Mutant of Escherichia coli O157:H7. Scientific Reports, 2019, 9, 6401.	3.3	8
6	Comparative genomics reveals structural and functional features specific to the genome of a foodborne Escherichia coli O157:H7. BMC Genomics, 2019, 20, 196.	2.8	22
7	Cattle intestinal microbiota shifts following Escherichia coli O157:H7 vaccination and colonization. PLoS ONE, 2019, 14, e0226099.	2.5	18
8	A polyanhydride-based implantable single dose vaccine platform for long-term immunity. Vaccine, 2018, 36, 1024-1025.	3.8	6
9	A single dose polyanhydride-based vaccine platform promotes and maintains anti-GnRH antibody titers. Vaccine, 2018, 36, 1016-1023.	3.8	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. Veterinary Microbiology, 2018, 219, 190-199.	1.9	5
11	Escherichia coli O157:H7 virulence factors differentially impact cattle and bison macrophage killing capacity. Microbial Pathogenesis, 2018, 118, 251-256.	2.9	1
12	Leishmania-Derived Trimannose Modulates the Inflammatory Response To Significantly Reduce Leishmania major-Induced Lesions. Infection and Immunity, 2018, 86, .	2.2	3
13	Inflammasomes in livestock and wildlife: Insights into the intersection of pathogens and natural host species. Veterinary Immunology and Immunopathology, 2018, 201, 49-56.	1.2	22
14	Collection and Processing of Lymph Nodes from Large Animals for RNA Analysis: Preparing for Lymph Node Transcriptomic Studies of Large Animal Species. Journal of Visualized Experiments, 2018, , .	0.3	0
15	Leishmania incidence and prevalence in U.S. hunting hounds maintained via vertical transmission. Veterinary Parasitology: Regional Studies and Reports, 2017, 10, 75-81.	0.5	12
16	Development of a bead-agglutination assay for rapid detection of Tritrichomonas foetus. Veterinary Parasitology, 2017, 243, 188-191.	1.8	9
17	Bovine Viral Diarrhea Virus Type 2 Impairs Macrophage Responsiveness to Toll-Like Receptor Ligation with the Exception of Toll-Like Receptor 7. PLoS ONE, 2016, 11, e0159491.	2.5	16
18	Regulatory IgDhi B Cells Suppress T Cell Function via IL-10 and PD-L1 during Progressive Visceral Leishmaniasis. Journal of Immunology, 2016, 196, 4100-4109.	0.8	54

#	Article	IF	Citations
19	Recovery of antigen-specific T cell responses from dogs infected with Leishmania (L.) infantum by use of vaccine associated TLR-agonist adjuvant. Vaccine, 2016, 34, 5225-5234.	3.8	31
20	Immunologic progression of canine leishmaniosis following vertical transmission in United States dogs. Veterinary Immunology and Immunopathology, 2016, 169, 34-38.	1.2	32
21	Acidâ€Triggered Degradable Reagents for Differentiation of Adaptive and Innate Immune Responses to Leishmaniaâ€Associated Sugars. Angewandte Chemie - International Edition, 2015, 54, 9610-9613.	13.8	6
22	Vectorborne Transmission ofLeishmania infantumfrom Hounds, United States. Emerging Infectious Diseases, 2015, 21, 2209-2212.	4.3	29
23	Activation of Autophagy and Nucleotide-Binding Domain Leucine-Rich Repeatâ€“Containing-Like Receptor Family, Pyrin Domainâ€“Containing 3 Inflammasome during Leishmania infantumâ€“Associated Glomerulonephritis. American Journal of Pathology, 2015, 185, 2105-2117.	3.8	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. Virus Research, 2015, 208, 44-55.	2.2	14
25	Induction of interferon-gamma and downstream pathways during establishment of fetal persistent infection with bovine viral diarrhea virus. Virus Research, 2014, 183, 95-106.	2.2	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 concentrations1. Journal of Animal Science, 2013, 91, 1400-1408.	0.5	5