

# Diego G Diel

## List of Publications by Year in descending order

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78  
papers

3,515  
citations

172457

29  
h-index

161849

54  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3534  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of Senecavirus A in animal feed ingredients and infection following consumption of contaminated feed. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 88-96.	3.0	15
2	Age-Related Susceptibility of Ferrets to SARS-CoV-2 Infection. <i>Journal of Virology</i> , 2022, 96, JVI0145521.	3.4	16
3	Functional evaluation of the P681H mutation on the proteolytic activation of the SARS-CoV-2 variant B.1.1.7 (Alpha) spike. <i>IScience</i> , 2022, 25, 103589.	4.1	134
4	Development of a quantitative COVID-19 multiplex assay and its use for serological surveillance in a low SARS-CoV-2 incidence community. <i>PLoS ONE</i> , 2022, 17, e0262868.	2.5	6
5	From Deer-to-Deer: SARS-CoV-2 is efficiently transmitted and presents broad tissue tropism and replication sites in white-tailed deer. <i>PLoS Pathogens</i> , 2022, 18, e1010197.	4.7	57
6	AI-2 TMRSS2 inhibitor acts as a pan-SARS-CoV-2 prophylactic and therapeutic. <i>Nature</i> , 2022, 605, 340-348.	27.8	108
7	Viral RNA Load and Infectivity of SARS-CoV-2 in Paired Respiratory and Oral Specimens from Symptomatic, Asymptomatic, or Postsymptomatic Individuals. <i>Microbiology Spectrum</i> , 2022, 10, e0226421.	3.0	9
8	Routine Surveillance and Vaccination on a University Campus During the Spread of the SARS-CoV-2 Omicron Variant. <i>JAMA Network Open</i> , 2022, 5, e2212906.	5.9	8
9	Mitigating the risk of African swine fever virus in feed with anti-viral chemical additives. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 477-486.	3.0	26
10	Characterization of bovine ileal epithelial cell line for lectin binding, susceptibility to enteric pathogens, and TLR mediated immune responses. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2021, 74, 101581.	1.6	8
11	Piglet immunization with a spike subunit vaccine enhances disease by porcine epidemic diarrhea virus. <i>Npj Vaccines</i> , 2021, 6, 22.	6.0	7
12	Identification of a SARS-CoV-2 Lineage B1.1.7 Virus in New York following Return Travel from the United Kingdom. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	10
13	Intensive ocular sampling for the detection of subclinical canine herpesvirus-1 shedding in dogs with experimentally-induced latent infection. <i>Veterinary Microbiology</i> , 2021, 254, 109001.	1.9	0
14	Experimental Inoculation of Young Calves with SARS-CoV-2. <i>Viruses</i> , 2021, 13, 441.	3.3	29
15	Susceptibility of White-Tailed Deer ( <i>Odocoileus virginianus</i> ) to SARS-CoV-2. <i>Journal of Virology</i> , 2021, 95, .	3.4	192
16	Orf virus ORFV112, ORFV117 and ORFV127 contribute to ORFV IA82 virulence in sheep. <i>Veterinary Microbiology</i> , 2021, 257, 109066.	1.9	13
17	The risk and mitigation of foot-and-mouth disease virus infection of pigs through consumption of contaminated feed. <i>Transboundary and Emerging Diseases</i> , 2021, , .	3.0	8
18	Clinical evaluation of a multiplex real-time RT-PCR assay for detection of SARS-CoV-2 in individual and pooled upper respiratory tract samples. <i>Archives of Virology</i> , 2021, 166, 2551-2561.	2.1	20

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19	Identification and genetic characterization of an isolate of bovine adenovirus 7 from the United States, a putative member of a new species in the genus Atadenovirus. Archives of Virology, 2021, 166, 2835-2839.	2.1	3
20	Intravenous, Intratracheal, and Intranasal Inoculation of Swine with SARS-CoV-2. Viruses, 2021, 13, 1506.	3.3	10
21	Severe SARS-CoV-2 Infection in a Cat with Hypertrophic Cardiomyopathy. Viruses, 2021, 13, 1510.	3.3	26
22	A Novel Recombinant Newcastle Disease Vaccine Improves Post- In Ovo Vaccination Survival with Sustained Protection against Virulent Challenge. Vaccines, 2021, 9, 953.	4.4	4
23	A virulent and pathogenic infectious clone of Senecavirus A. Journal of General Virology, 2021, 102, .	2.9	5
24	SARS-COV-2 INFECTION AND LONGITUDINAL FECAL SCREENING IN MALAYAN TIGERS (PANTHERA TIGRIS) Tj ETQq0 0 0 rgBT /Overlock 1 BRONX ZOO, NEW YORK, USA. Journal of Zoo and Wildlife Medicine, 2021, 51, 733-744.	0.6	62
25	Determining the role of natural SARS-CoV-2 infection in the death of domestic pets: 10 cases (2020â€“2021). Journal of the American Veterinary Medical Association, 2021, 259, 1032-1039.	0.5	24
26	Poxvirus Vectors. , 2021, , 71-94.		1
27	Natural Transmission and Experimental Models of SARSâ€“CoVâ€“2 Infection in Animals. Comparative Medicine, 2021, 71, 369-382.	1.0	2
28	Protective Efficacy of an Orf Virus-Vector Encoding the Hemagglutinin and the Nucleoprotein of Influenza A Virus in Swine. Frontiers in Immunology, 2021, 12, 747574.	4.8	8
29	SARS-CoV-2 B.1.1.7 Variant Infection in Malayan Tigers, Virginia, USA. Emerging Infectious Diseases, 2021, 27, 3171-3173.	4.3	18
30	From People to <i>Panthera</i> : Natural SARS-CoV-2 Infection in Tigers and Lions at the Bronx Zoo. MBio, 2020, 11, .	4.1	298
31	The risk of viral transmission in feed: What do we know, what do we do?. Transboundary and Emerging Diseases, 2020, 67, 2365-2371.	3.0	18
32	Complete Genome Sequence of SARS-CoV-2 in a Tiger from a U.S. Zoological Collection. Microbiology Resource Announcements, 2020, 9, .	0.6	76
33	Immunotherapy targeting the Streptococcus pyogenes M protein or streptolysin O to treat or prevent influenza A superinfection. PLoS ONE, 2020, 15, e0235139.	2.5	3
34	Stability of classical swine fever virus and pseudorabies virus in animal feed ingredients exposed to transpacific shipping conditions. Transboundary and Emerging Diseases, 2020, 67, 1623-1632.	3.0	28
35	Genetic diversity and evolution of the emerging picornavirus Senecavirus A. Journal of General Virology, 2020, 101, 175-187.	2.9	13
36	Antigenic relationships between Caprine alphaherpesvirus 1 (CpHV-1) and Bovine alphaherpesvirus 1 (BoHV-1) and experimental CpHV-1 infection of kids and calves. Microbial Pathogenesis, 2019, 136, 103663.	2.9	5

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37	Persistent Infection and Transmission of Senecavirus A from Carrier Sows to Contact Piglets. <i>Journal of Virology</i> , 2019, 93, .	3.4	26
38	GTPase-activating protein-binding protein 1 (G3BP1) plays an antiviral role against porcine epidemic diarrhea virus. <i>Veterinary Microbiology</i> , 2019, 236, 108392.	1.9	24
39	Detection of porcine reproductive and respiratory syndrome virus ( <scp>PRRSV</scp> ) 1â€7â€4â€type strains in Peru. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1107-1113.	3.0	36
40	Identification and genetic characterization of a porcine hepe-astrovirus (bastrovirus) in the United States. <i>Archives of Virology</i> , 2019, 164, 2321-2326.	2.1	9
41	Updated unified phylogenetic classification system and revised nomenclature for Newcastle disease virus. <i>Infection, Genetics and Evolution</i> , 2019, 74, 103917.	2.3	227
42	Senecavirus A 3C Protease Mediates Host Cell Apoptosis Late in Infection. <i>Frontiers in Immunology</i> , 2019, 10, 363.	4.8	39
43	A Novel Live Attenuated Vaccine Candidate Protects Against Heterologous Senecavirus A Challenge. <i>Frontiers in Immunology</i> , 2019, 10, 2660.	4.8	23
44	Half-Life of African Swine Fever Virus in Shipped Feed. <i>Emerging Infectious Diseases</i> , 2019, 25, 2261-2263.	4.3	56
45	Detection of Fowlpox virus carrying distinct genome segments of Reticuloendotheliosis virus. <i>Virus Research</i> , 2019, 260, 53-59.	2.2	26
46	Identification of equine herpesvirus type 1 as cause of abortion in mares in Southern Brazil. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2019, 71, 1421-1424.	0.4	4
47	Passive immunity to porcine epidemic diarrhea virus following immunization of pregnant gilts with a recombinant orf virus vector expressing the spike protein. <i>Archives of Virology</i> , 2018, 163, 2327-2335.	2.1	19
48	Adaptive Immune Responses following Senecavirus A Infection in Pigs. <i>Journal of Virology</i> , 2018, 92, .	3.4	43
49	Survival of viral pathogens in animal feed ingredients under transboundary shipping models. <i>PLoS ONE</i> , 2018, 13, e0194509.	2.5	139
50	Pathogenicity and cross-reactive immune responses of a historical and a contemporary Senecavirus A strains in pigs. <i>Virology</i> , 2018, 522, 147-157.	2.4	29
51	A novel bovine papillomavirus type in the genus Dyokappapapillomavirus. <i>Archives of Virology</i> , 2017, 162, 3225-3228.	2.1	23
52	Immunogenicity of ORFV-based vectors expressing the rabies virus glycoprotein in livestock species. <i>Virology</i> , 2017, 511, 229-239.	2.4	26
53	The S2 glycoprotein subunit of porcine epidemic diarrhea virus contains immunodominant neutralizing epitopes. <i>Virology</i> , 2017, 509, 185-194.	2.4	73
54	Intranasal immunization of pigs with porcine reproductive and respiratory syndrome virus-like particles plus 2â€², 3â€²-cGAMP VacciGradeâ„¢ adjuvant exacerbates viremia after virus challenge. <i>Virology Journal</i> , 2017, 14, 76.	3.4	11

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55	A parapoxviral virion protein inhibits NF- $\kappa$ B signaling early in infection. <i>PLoS Pathogens</i> , 2017, 13, e1006561.	4.7	33
56	Porcine epidemic diarrhea virus: An overview of current virological and serological diagnostic methods. <i>Virus Research</i> , 2016, 226, 60-70.	2.2	45
57	Detection of the Emerging Picornavirus Senecavirus A in Pigs, Mice, and Houseflies. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1536-1545.	3.9	76
58	African swine fever virus serotype-specific proteins are significant protective antigens for African swine fever. <i>Journal of General Virology</i> , 2016, 97, 1670-1675.	2.9	70
59	Immunogenicity of a recombinant parapoxvirus expressing the spike protein of Porcine epidemic diarrhea virus. <i>Journal of General Virology</i> , 2016, 97, 2719-2731.	2.9	36
60	Pathogenesis of Senecavirus A infection in finishing pigs. <i>Journal of General Virology</i> , 2016, 97, 3267-3279.	2.9	92
61	Effects of Chicken Interferon Gamma on Newcastle Disease Virus Vaccine Immunogenicity. <i>PLoS ONE</i> , 2016, 11, e0159153.	2.5	22
62	Complete Genome Sequence of a Highly Pathogenic Avian Influenza Virus (H5N2) Associated with an Outbreak in Commercial Chickens, Iowa, USA, 2015. <i>Genome Announcements</i> , 2015, 3, .	0.8	6
63	Expression of chicken interleukin-2 by a highly virulent strain of Newcastle disease virus leads to decreased systemic viral load but does not significantly affect mortality in chickens. <i>Virology Journal</i> , 2015, 12, 122.	3.4	26
64	African swine fever virus CD2v and C-type lectin gene loci mediate serological specificity. <i>Journal of General Virology</i> , 2015, 96, 866-873.	2.9	79
65	Coinfection with multiple strains of bovine papular stomatitis virus. <i>Archives of Virology</i> , 2015, 160, 1527-1532.	2.1	26
66	Development of an improved vaccine evaluation protocol to compare the efficacy of Newcastle disease vaccines. <i>Biologicals</i> , 2015, 43, 136-145.	1.4	39
67	Expression of interferon gamma by a highly virulent strain of Newcastle disease virus decreases its pathogenicity in chickens. <i>Microbial Pathogenesis</i> , 2013, 61-62, 73-83.	2.9	46
68	Newcastle disease virus fusion and haemagglutinin-neuraminidase proteins contribute to its macrophage host range. <i>Journal of General Virology</i> , 2013, 94, 1189-1194.	2.9	29
69	Complete Genome and Clinicopathological Characterization of a Virulent Newcastle Disease Virus Isolate from South America. <i>Journal of Clinical Microbiology</i> , 2012, 50, 378-387.	3.9	75
70	Characterization of Newcastle Disease Viruses Isolated from Cormorant and Gull Species in the United States in 2010. <i>Avian Diseases</i> , 2012, 56, 128-133.	1.0	55
71	Generation and characterization of a recombinant Newcastle disease virus expressing the red fluorescent protein for use in co-infection studies. <i>Virology Journal</i> , 2012, 9, 227.	3.4	14
72	Genetic diversity of avian paramyxovirus type 1: Proposal for a unified nomenclature and classification system of Newcastle disease virus genotypes. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1770-1779.	2.3	323

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73	Orf Virus <i>ORFV121</i> Encodes a Novel Inhibitor of NF- $\kappa$ B That Contributes to Virus Virulence. Journal of Virology, 2011, 85, 2037-2049.	3.4	52
74	A Nuclear Inhibitor of NF- $\kappa$ B Encoded by a Poxvirus. Journal of Virology, 2011, 85, 264-275.	3.4	56
75	A Novel Inhibitor of the NF- $\kappa$ B Signaling Pathway Encoded by the Parapoxvirus Orf Virus. Journal of Virology, 2010, 84, 3962-3973.	3.4	61
76	Caracterizaç�o clinicopatol�gica da mamilite aguda em ovelhas lactantes infectadas experimentalmente com o herpesv�rus bovino 2. Pesquisa Veterin�ria Brasileira, 2008, 28, 87-94.	0.5	5
77	Aspectos virol�gicos e cl�nico-patol�gicos da infec�o genital aguda e latente pelo herpesv�rus bovino tipo 1.2 em bezerras infectadas experimentalmente. Pesquisa Veterin�ria Brasileira, 2008, 28, 140-148.	0.5	5
78	Genome sequence and experimental infection of calves with bovine gammaherpesvirus 4 (BoHV-4). Archives of Virology, 0, , .	2.1	0