

# Gyula Balka

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

319  
citations

1039880

9  
h-index

887953

17  
g-index

27  
all docs

27  
docs citations

27  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic diversity of porcine reproductive and respiratory syndrome virus strains circulating in Hungarian swine herds. <i>Veterinary Microbiology</i> , 2008, 127, 128-135.	0.8	51
2	Genetic diversity of PRRSV 1 in Central Eastern Europe in 1994–2014: origin and evolution of the virus in the region. <i>Scientific Reports</i> , 2018, 8, 7811.	1.6	44
3	Antimycobacterial activity of peptide conjugate of pyridopyrimidine derivative against <i>Mycobacterium tuberculosis</i> in a series of in vitro and in vivo models. <i>Tuberculosis</i> , 2015, 95, S207-S211.	0.8	28
4	Detection and phylogenetic characterization of atypical porcine pestivirus strains in Hungary. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 2039-2042.	1.3	26
5	Development of a one-step real-time quantitative PCR assay based on primer-probe energy transfer for the detection of porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , 2009, 158, 41-45.	1.0	23
6	First report of porcine parainfluenza virus 1 (species Porcine respirovirus 1) in Europe. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 1731-1735.	1.3	19
7	Vaccination of piglets at 2 and 3 weeks of age with Ingelvac PRRSFLEX® EU provides protection against heterologous field challenge in the face of homologous maternally derived antibodies. <i>Porcine Health Management</i> , 2016, 2, 24.	0.9	15
8	A Diagnostic Device for In-Situ Detection of Swine Viral Diseases: The SWINOSTICS Project. <i>Sensors</i> , 2019, 19, 407.	2.1	12
9	Detection of Porcine Respirovirus 1 (PRV1) in Poland: Incidence of Co-Infections with Influenza A Virus (IAV) and Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) in Herds with a Respiratory Disease. <i>Viruses</i> , 2022, 14, 148.	1.5	12
10	Design and Development of Photonic Biosensors for Swine Viral Diseases Detection. <i>Sensors</i> , 2019, 19, 3985.	2.1	9
11	Efficacy of a Modified Live Virus Vaccine against Porcine Reproductive and Respiratory Syndrome Virus 1 (PRRSV-1) Administered to 1-Day-Old Piglets in Front of Heterologous PRRSV-1 Challenge. <i>Pathogens</i> , 2021, 10, 1342.	1.2	9
12	Full-length genome sequence analysis of a Hungarian porcine reproductive and respiratory syndrome virus isolated from a pig with severe respiratory disease. <i>Archives of Virology</i> , 2015, 160, 417-422.	0.9	8
13	Phenotypic Characterization of a Virulent PRRSV-1 Isolate in a Reproductive Model With and Without Prior Heterologous Modified Live PRRSV-1 Vaccination. <i>Frontiers in Veterinary Science</i> , 2022, 9, 820233.	0.9	8
14	Photonic Label-Free Biosensors for Fast and Multiplex Detection of Swine Viral Diseases. <i>Sensors</i> , 2022, 22, 708.	2.1	7
15	Efficacy of a Modified Live Porcine Reproductive and Respiratory Syndrome Virus 1 (PRRSV-1) Vaccine against Experimental Infection with PRRSV AUT15-33 in Weaned Piglets. <i>Vaccines</i> , 2022, 10, 934.	2.1	7
16	Point-of-service diagnostic technology for detection of swine viral diseases. <i>Journal of Veterinary Research (Poland)</i> , 2020, 64, 15-23.	0.3	6
17	High Prevalence of Porcine Circovirus 3 in Hungarian Pig Herds: Results of a Systematic Sampling Protocol. <i>Viruses</i> , 2022, 14, 1219.	1.5	6
18	PriProET based melting point analyses on PRRSV positive field samples. <i>Molecular and Cellular Probes</i> , 2010, 24, 411-414.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Genomic Analysis of Staphylococcus aureus Strains Originating from Hungarian Rabbit Farms Reinforce the Clonal Origin of Various Virulence Types. <i>Animals</i> , 2020, 10, 1128.	1.0	4
20	In situ hybridization of feline leukemia virus in a primary neural B-cell lymphoma. <i>Journal of Veterinary Diagnostic Investigation</i> , 2020, 32, 454-457.	0.5	4
21	In Situ Hybridization of PRRSV-1 Combined with Digital Image Analysis in Lung Tissues of Pigs Challenged with PRRSV-1. <i>Veterinary Sciences</i> , 2021, 8, 235.	0.6	4
22	Virulence type and tissue tropism of Staphylococcus strains originating from Hungarian rabbit farms. <i>Veterinary Microbiology</i> , 2016, 193, 1-6.	0.8	3
23	Detection and localization of atypical porcine pestivirus in the testicles of naturally infected, congenital tremor affected piglets. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	3
24	In Situ Hybridization of Feline Leukemia Virus in a Case of Osteochondromatosis. <i>Veterinary Sciences</i> , 2022, 9, 59.	0.6	2
25	Point-of-Care and Label-Free Detection of Porcine Reproductive and Respiratory Syndrome and Swine Influenza Viruses Using a Microfluidic Device with Photonic Integrated Circuits. <i>Viruses</i> , 2022, 14, 988.	1.5	1