Gerald Barry

List of Publications by Year
in descending order

24	932	623734 14	642732 23
papers	citations	h-index	g-index

28	28	28	1579
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phenoloxidase Activity Acts as a Mosquito Innate Immune Response against Infection with Semliki Forest Virus. PLoS Pathogens, 2012, 8, e1002977.	4.7	119
2	Induction and suppression of tick cell antiviral RNAi responses by tick-borne flaviviruses. Nucleic Acids Research, 2014, 42, 9436-9446.	14.5	118
3	Antiviral RNA Interference Responses Induced by Semliki Forest Virus Infection of Mosquito Cells: Characterization, Origin, and Frequency-Dependent Functions of Virus-Derived Small Interfering RNAs. Journal of Virology, 2011, 85, 2907-2917.	3.4	99
4	Schmallenberg Virus Pathogenesis, Tropism and Interaction with the Innate Immune System of the Host. PLoS Pathogens, 2013, 9, e1003133.	4.7	94
5	A Systematic Analysis of Host Factors Reveals a Med23-Interferon-Î» Regulatory Axis against Herpes Simplex Virus Type 1 Replication. PLoS Pathogens, 2013, 9, e1003514.	4.7	88
6	Semliki Forest Virus-Induced Endoplasmic Reticulum Stress Accelerates Apoptotic Death of Mammalian Cells. Journal of Virology, 2010, 84, 7369-7377.	3.4	57
7	PKR acts early in infection to suppress Semliki Forest virus production and strongly enhances the type I interferon response. Journal of General Virology, 2009, 90, 1382-1391.	2.9	54
8	Bluetongue Virus NS4 Protein Is an Interferon Antagonist and a Determinant of Virus Virulence. Journal of Virology, 2016, 90, 5427-5439.	3.4	50
9	The type I interferon system protects mice from Semliki Forest virus by preventing widespread virus dissemination in extraneural tissues, but does not mediate the restricted replication of avirulent virus in central nervous system neurons. Journal of General Virology, 2007, 88, 3373-3384.	2.9	42
10	Cell-to-Cell Spread of the RNA Interference Response Suppresses Semliki Forest Virus (SFV) Infection of Mosquito Cell Cultures and Cannot Be Antagonized by SFV. Journal of Virology, 2009, 83, 5735-5748.	3.4	42
11	Gene silencing in tick cell lines using small interfering or long double-stranded RNA. Experimental and Applied Acarology, 2013, 59, 319-338.	1.6	32
12	NSs protein of Schmallenberg virus counteracts the antiviral response of the cell by inhibiting its transcriptional machinery. Journal of General Virology, 2014, 95, 1640-1646.	2.9	27
13	Agricultural anaerobic digestion power plants in Ireland and Germany: policy and practice. Journal of the Science of Food and Agriculture, 2017, 97, 719-723.	3.5	24
14	Transcriptome analysis reveals the host response to Schmallenberg virus in bovine cells and antagonistic effects of the NSs protein. BMC Genomics, 2015, 16, 324.	2.8	15
15	Turnover Rate of NS3 Proteins Modulates Bluetongue Virus Replication Kinetics in a Host-Specific Manner. Journal of Virology, 2015, 89, 10467-10481.	3.4	15
16	Coinfection of tick cell lines has variable effects on replication of intracellular bacterial and viral pathogens. Ticks and Tick-borne Diseases, 2014, 5, 415-422.	2.7	13
17	Inactivation and Recovery of High Quality RNA From Positive SARS-CoV-2 Rapid Antigen Tests Suitable for Whole Virus Genome Sequencing. Frontiers in Public Health, 2022, 10, 863862.	2.7	9
18	Detection of blaOXA-1, blaTEM-1, and Virulence Factors in E. coli Isolated From Seals. Frontiers in Veterinary Science, 2021, 8, 583759.	2.2	8

#	Article	IF	Citations
19	Marekâ€™s disease virus in vaccinated poultry flocks in Turkey: its first isolation with molecular characterization. Archives of Virology, 2021, 166, 559-569.	2.1	7
20	Microscopic Visualisation of Zoonotic Arbovirus Replication in Tick Cell and Organ Cultures Using Semliki Forest Virus Reporter Systems. Veterinary Sciences, 2016, 3, 28.	1.7	6
21	Rapid antigen testing for SARS-CoV-2 infection in a university setting in Ireland: Learning from a 6-week pilot study. Public Health in Practice, 2022, 3, 100255.	1.5	6
22	Virus particle propagation and infectivity along the respiratory tract and a case study for SARS-CoV-2. Scientific Reports, 2022, 12, 7666.	3.3	5
23	Development of a real-time PCR assay to detect the single nucleotide polymorphism causing Warmblood Fragile Foal Syndrome. PLoS ONE, 2021, 16, e0259316.	2.5	2
24	Warmblood fragile foal syndrome causative single nucleotide polymorphism frequency in horses in Ireland. Irish Veterinary Journal, 2021, 74, 27.	2.1	0