Glenn A Marsh

List of Publications by Year
in descending order

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97 papers	4,723 citations	101384 36 h-index	110170 64 g-index
109 all docs	109 docs citations	109 times ranked	5405 citing authors

#	Article	IF	Citations
1	In vitro characterisation of SARSâ€CoVâ€2 and susceptibility of domestic ferrets (Mustela) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	11
2	Characterisation and natural progression of SARS-CoV-2 infection in ferrets. Scientific Reports, 2022, 12, 5680.	1.6	13
3	Serological Hendra Virus Diagnostics Using an Indirect ELISA-Based DIVA Approach with Recombinant Hendra G and N Proteins. Microorganisms, 2022, 10, 1095.	1.6	0
4	ChAdOx1 nCoV-19 (AZD1222) vaccine candidate significantly reduces SARS-CoV-2 shedding in ferrets. Npj Vaccines, 2021, 6, 67.	2.9	47
5	Phenotypic Divergence of P Proteins of Australian Bat Lyssavirus Lineages Circulating in Microbats and Flying Foxes. Viruses, 2021, 13, 831.	1.5	4
6	Metabolic Profiling from an Asymptomatic Ferret Model of SARS-CoV-2 Infection. Metabolites, 2021, 11, 327.	1.3	19
7	Antagonism of STAT3 signalling by Ebola virus. PLoS Pathogens, 2021, 17, e1009636.	2.1	7
8	Type I Hypersensitivity in Ferrets Following Exposure to SARS-CoV-2 Inoculum: Lessons Learned. ILAR Journal, 2021, , .	1.8	2
9	Altered microRNA expression in COVID-19 patients enables identification of SARS-CoV-2 infection. PLoS Pathogens, 2021, 17, e1009759.	2.1	107
10	Evaluation of henipavirus chemical inactivation methods for the safe removal of samples from the high-containment PC4 laboratory. Journal of Virological Methods, 2021, 298, 114287.	1.0	5
11	Experimental and in silico evidence suggests vaccines are unlikely to be affected by D614G mutation in SARS-CoV-2 spike protein. Npj Vaccines, 2020, 5, 96.	2.9	56
12	Achimota Pararubulavirus 3: A New Bat-Derived Paramyxovirus of the Genus Pararubulavirus. Viruses, 2020, 12, 1236.	1.5	6
13	Distinct Cell Transcriptomic Landscapes Upon Henipavirus Infections. Frontiers in Microbiology, 2020, 11, 986.	1.5	2
14	Bovine Herpesvirus-4-Vectored Delivery of Nipah Virus Glycoproteins Enhances T Cell Immunogenicity in Pigs. Vaccines, 2020, 8, 115.	2.1	27
15	Infectious KoRV-related retroviruses circulating in Australian bats. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9529-9536.	3.3	31
16	Challenges and Opportunities in the Use of High and Maximum Biocontainment Facilities in Developing and Licensing Risk Group 3 and Risk Group 4 Agent Veterinary Vaccines. ILAR Journal, 2020, 61, 46-61.	1.8	2
17	Expression of microRNA in human retinal pigment epithelial cells following infection with Zaire ebolavirus. BMC Research Notes, 2019, 12, 639.	0.6	10
18	Structural and functional analyses reveal promiscuous and species specific use of ephrin receptors by Cedar virus. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20707-20715.	3.3	39

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19	Host and Viral Proteins Modulating Ebola and Marburg Virus Egress. Viruses, 2019, 11, 25.	1.5	28
20	Contemporary Anti-Ebola Drug Discovery Approaches and Platforms. ACS Infectious Diseases, 2019, 5, 35-48.	1.8	3
21	Characterization of Teviot virus, an Australian bat-borne paramyxovirus. Journal of General Virology, 2019, 100, 403-413.	1.3	9
22	Development of low bio-containment assays to characterise the antibody responses in pigs to Nipah virus vaccine candidates. Access Microbiology, 2019, 1, .	0.2	2
23	Viral hijacking of the nucleolar DNA-damage response machinery: a novel mechanism to regulate host cell biology. Access Microbiology, 2019, 1, .	0.2	0
24	Recognition by host nuclear transport proteins drives disorder-to-order transition in Hendra virus V. Scientific Reports, 2018, 8, 358.	1.6	32
25	Ebolavirus diagnosis made simple, comparable and faster than molecular detection methods: preparing for the future. Virology Journal, 2018, 15, 75.	1.4	25
26	Henipavirus Infection: Natural History and the Virus-Host Interplay. Current Treatment Options in Infectious Diseases, 2018, 10, 197-216.	0.8	2
27	Detection of potentially novel paramyxovirus and coronavirus viral <scp>RNA</scp> in bats and rats in the Mekong Delta region of southern Viet Nam. Zoonoses and Public Health, 2018, 65, 30-42.	0.9	33
28	Alston Virus, a Novel Paramyxovirus Isolated from Bats Causes Upper Respiratory Tract Infection in Experimentally Challenged Ferrets. Viruses, 2018, 10, 675.	1.5	13
29	Viral regulation of host cell biology by hijacking of the nucleolar DNA-damage response. Nature Communications, 2018, 9, 3057.	5.8	32
30	Reemergence ofRestonebolavirusin Cynomolgus Monkeys, the Philippines, 2015. Emerging Infectious Diseases, 2018, 24, 1285-1291.	2.0	16
31	Animal infection studies of two recently discovered African bat paramyxoviruses, Achimota 1 and Achimota 2. Scientific Reports, 2018, 8, 12744.	1.6	9
32	Hervey virus: Study on co-circulation with Henipaviruses in Pteropid bats within their distribution range from Australia to Africa. PLoS ONE, 2018, 13, e0191933.	1.1	5
33	An Australian Newcastle Disease Virus With a Virulent Fusion Protein Cleavage Site Produces Minimal Pathogenicity in Chickens. Veterinary Pathology, 2017, 54, 649-660.	0.8	7
34	Successful post-exposure prophylaxis of Ebola infected non-human primates using Ebola glycoprotein-specific equine IgG. Scientific Reports, 2017, 7, 41537.	1.6	14
35	Comparative Transcriptomics Highlights the Role of the Activator Protein 1 Transcription Factor in the Host Response to Ebolavirus. Journal of Virology, 2017, 91, .	1.5	27
36	Henipaviruses: bat-borne paramyxoviruses. Microbiology Australia, 2017, 38, 4.	0.1	1

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37	Retinal Pigment Epithelial Cells are a Potential Reservoir for Ebola Virus in the Human Eye. Translational Vision Science and Technology, 2017, 6, 12.	1.1	53
38	Nuclear localization and secretion competence are conserved among henipavirus matrix proteins. Journal of General Virology, 2017, 98, 563-576.	1.3	16
39	Bat-associated diseases. Microbiology Australia, 2017, 38, 3.	0.1	0
40	The equine Hendra virus vaccine remains a highly effective preventative measure against infection in horses and humans: â€˜The imperative to develop a human vaccine for the Hendra virus in Australiaâ€™. Infection Ecology and Epidemiology, 2016, 6, 31658.	0.5	6
41	The Nature of Exposure Drives Transmission of Nipah Viruses from Malaysia and Bangladesh in Ferrets. PLoS Neglected Tropical Diseases, 2016, 10, e0004775.	1.3	32
42	Dual microRNA Screens Reveal That the Immune-Responsive miR-181 Promotes Henipavirus Entry and Cell-Cell Fusion. PLoS Pathogens, 2016, 12, e1005974.	2.1	15
43	Polyanionic Macromolecular Prodrugs of Ribavirin: Antiviral Agents with a Broad Spectrum of Activity. Advanced Healthcare Materials, 2016, 5, 534-540.	3.9	11
44	The immune evasion function of J and Beilong virus V proteins is distinct from that of other paramyxoviruses, consistent with their inclusion in the proposed genus Jeilongvirus. Journal of General Virology, 2016, 97, 581-592.	1.3	21
45	Genome-wide siRNA Screening at Biosafety Level 4 Reveals a Crucial Role for Fibrillarin in Henipavirus Infection. PLoS Pathogens, 2016, 12, e1005478.	2.1	38
46	Molecular evidence of Ebola Reston virus infection in Philippine bats. Virology Journal, 2015, 12, 107.	1.4	71
47	Outbreak of Henipavirus Infection, Philippines, 2014. Emerging Infectious Diseases, 2015, 21, 328-331.	2.0	181
48	The non-pathogenic Henipavirus Cedar paramyxovirus phosphoprotein has a compromised ability to target STAT1 and STAT2. Antiviral Research, 2015, 124, 69-76.	1.9	22
49	Isolation of multiple novel paramyxoviruses from pteropid bat urine. Journal of General Virology, 2015, 96, 24-29.	1.3	43
50	Development of multiplexed bead arrays for the simultaneous detection of nucleic acid from multiple viruses in bat samples. Journal of Virological Methods, 2015, 223, 5-12.	1.0	14
51	Complete Genome Sequence of Teviot Paramyxovirus, a Novel Rubulavirus Isolated from Fruit Bats in Australia. Genome Announcements, 2015, 3, .	0.8	10
52	Ecological dynamics of emerging bat virus spillover. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142124.	1.2	375
53	Hendra Virus Vaccine, a One Health Approach to Protecting Horse, Human, and Environmental Health. Emerging Infectious Diseases, 2014, 20, 372-9.	2.0	159
54	The RNA-Dependent-RNA Polymerase, an Emerging Antiviral Drug Target for the Hendra Virus. Current Drug Targets, 2014, 15, 103-113.	1.0	13

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55	Proteomics informed by transcriptomics reveals Hendra virus sensitizes bat cells to TRAIL-mediated apoptosis. Genome Biology, 2014, 15, 532.	3.8	42
56	Nipah viruses from Malaysia and Bangladesh: two of a kind?. Future Virology, 2014, 9, 935-946.	0.9	6
57	Henipaviruses. , 2014, , 125-142.		0
58	Characterisation of novel microRNAs in the Black flying fox (Pteropus alecto) by deep sequencing. BMC Genomics, 2014, 15, 682.	1.2	28
59	Subclinical infection without encephalitis in mice following intranasal exposure to Nipah virus-Malaysia and Nipah virus-Bangladesh. Virology Journal, 2014, 11, 102.	1.4	32
60	Proteomics informed by transcriptomics reveals Hendra virus sensitizes bat cells to TRAIL mediated apoptosis. Genome Biology, 2014, 15, 532.	13.9	30
61	Henipaviruses: An Updated Review Focusing on the Pteropid Reservoir and Features of Transmission. Zoonoses and Public Health, 2013, 60, 69-83.	0.9	87
62	Recombinant Hendra viruses expressing a reporter gene retain pathogenicity in ferrets. Virology Journal, 2013, 10, 95.	1.4	29
63	Comparative Analysis of Bat Genomes Provides Insight into the Evolution of Flight and Immunity. Science, 2013, 339, 456-460.	6.0	522
64	The changing face of the henipaviruses. Veterinary Microbiology, 2013, 167, 151-158.	0.8	25
65	Potent Inhibition of Hendra Virus Infection via RNA Interference and Poly I:C Immune Activation. PLoS ONE, 2013, 8, e64360.	1.1	10
66	Novel, Potentially Zoonotic Paramyxoviruses from the African Straw-Colored Fruit Bat Eidolon helvum. Journal of Virology, 2013, 87, 1348-1358.	1.5	75
67	Promotion of Hendra Virus Replication by MicroRNA 146a. Journal of Virology, 2013, 87, 3782-3791.	1.5	54
68	Cedar Virus: A Novel Henipavirus Isolated from Australian Bats. PLoS Pathogens, 2012, 8, e1002836.	2.1	245
69	Conservation of a Unique Mechanism of Immune Evasion across the Lyssavirus Genus. Journal of Virology, 2012, 86, 10194-10199.	1.5	58
70	A Novel Bat Herpesvirus Encodes Homologues of Major Histocompatibility Complex Classes I and II, C-Type Lectin, and a Unique Family of Immune-Related Genes. Journal of Virology, 2012, 86, 8014-8030.	1.5	39
71	Hendra and Nipah viruses: why are they so deadly?. Current Opinion in Virology, 2012, 2, 242-247.	2.6	74
72	Antigen capture ELISA system for henipaviruses using polyclonal antibodies obtained by DNA immunization. Archives of Virology, 2012, 157, 1605-1609.	0.9	14

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73	Evidence of bat origin for Menangle virus, a zoonotic paramyxovirus first isolated from diseased pigs. Journal of General Virology, 2012, 93, 2590-2594.	1.3	53
74	A New Model for Hendra Virus Encephalitis in the Mouse. PLoS ONE, 2012, 7, e40308.	1.1	55
75	Transmission Routes for Nipah Virus from Malaysia and Bangladesh. Emerging Infectious Diseases, 2012, 18, 1983-1993.	2.0	85
76	Co-circulation of diverse paramyxoviruses in an urban African fruit bat population. Journal of General Virology, 2012, 93, 850-856.	1.3	60
77	Cygnet River Virus, a Novel Orthomyxovirus from Ducks, Australia. Emerging Infectious Diseases, 2012, 18, 2044-2046.	2.0	10
78	Second generation of pseudotype-based serum neutralization assay for Nipah virus antibodies: Sensitive and high-throughput analysis utilizing secreted alkaline phosphatase. Journal of Virological Methods, 2012, 179, 226-232.	1.0	39
79	Antiviral activity of arbidol, a broadâ€spectrum drug for use against respiratory viruses, varies according to test conditions. Journal of Medical Virology, 2012, 84, 170-181.	2.5	78
80	Identifying Hendra Virus Diversity in Pteropid Bats. PLoS ONE, 2011, 6, e25275.	1.1	88
81	Type III IFN Receptor Expression and Functional Characterisation in the Pteropid Bat, Pteropus alecto. PLoS ONE, 2011, 6, e25385.	1.1	40
82	Experimental Infection of Horses with Hendra Virus/Australia/Horse/2008/Redlands. Emerging Infectious Diseases, 2011, 17, 2232-8.	2.0	71
83	Interferon Signaling Remains Functional during Henipavirus Infection of Human Cell Lines. Journal of Virology, 2011, 85, 4031-4034.	1.5	43
84	Mutations in the Gâ€“H loop region of ephrin-B2 can enhance Nipah virus binding and infection. Journal of General Virology, 2011, 92, 2142-2152.	1.3	14
85	Ebola Reston Virus Infection of Pigs: Clinical Significance and Transmission Potential. Journal of Infectious Diseases, 2011, 204, S804-S809.	1.9	104
86	Type III IFNs in Pteropid Bats: Differential Expression Patterns Provide Evidence for Distinct Roles in Antiviral Immunity. Journal of Immunology, 2011, 186, 3138-3147.	0.4	90
87	Interferon Production and Signaling Pathways Are Antagonized during Henipavirus Infection of Fruit Bat Cell Lines. PLoS ONE, 2011, 6, e22488.	1.1	64
88	Genome Sequence Conservation of Hendra Virus Isolates during Spillover to Horses, Australia. Emerging Infectious Diseases, 2010, 16, 1767-1769.	2.0	47
89	Paramyxoviruses infecting humans: the old, the new and the unknown. Future Microbiology, 2009, 4, 537-554.	1.0	26
90	A neutralization test for specific detection of Nipah virus antibodies using pseudotyped vesicular stomatitis virus expressing green fluorescent protein. Journal of Virological Methods, 2009, 160, 7-13.	1.0	55

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91	Design and evaluation of consensus PCR assays for henipaviruses. Journal of Virological Methods, 2009, 161, 52-57.	1.0	48
92	Characteristics of Nipah virus and Hendra virus replication in different cell lines and their suitability for antiviral screening. Virus Research, 2009, 142, 92-99.	1.1	38
93	Establishment, Immortalisation and Characterisation of Pteropid Bat Cell Lines. PLoS ONE, 2009, 4, e8266.	1.1	143
94	Expression of novel genes encoded by the paramyxovirus J virus. Journal of General Virology, 2008, 89, 1434-1441.	1.3	13
95	Highly Conserved Regions of Influenza A Virus Polymerase Gene Segments Are Critical for Efficient Viral RNA Packaging. Journal of Virology, 2008, 82, 2295-2304.	1.5	144
96	Specific Residues of the Influenza A Virus Hemagglutinin Viral RNA Are Important for Efficient Packaging into Budding Virions. Journal of Virology, 2007, 81, 9727-9736.	1.5	188
97	Brief Research Report: Ebola Virus Differentially Infects Human Iris and Retinal Pigment Epithelial Cells. Frontiers in Virology, 0, 2, .	0.7	0