

# 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	Comparative Analysis of Bat Genomes Provides Insight into the Evolution of Flight and Immunity. <i>Science</i> , 2013, 339, 456-460.	6.0	522
2	Ecological dynamics of emerging bat virus spillover. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142124.	1.2	375
3	Cedar Virus: A Novel Henipavirus Isolated from Australian Bats. <i>PLoS Pathogens</i> , 2012, 8, e1002836.	2.1	245
4	Specific Residues of the Influenza A Virus Hemagglutinin Viral RNA Are Important for Efficient Packaging into Budding Virions. <i>Journal of Virology</i> , 2007, 81, 9727-9736.	1.5	188
5	Outbreak of Henipavirus Infection, Philippines, 2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 328-331.	2.0	181
6	Hendra Virus Vaccine, a One Health Approach to Protecting Horse, Human, and Environmental Health. <i>Emerging Infectious Diseases</i> , 2014, 20, 372-9.	2.0	159
7	Highly Conserved Regions of Influenza A Virus Polymerase Gene Segments Are Critical for Efficient Viral RNA Packaging. <i>Journal of Virology</i> , 2008, 82, 2295-2304.	1.5	144
8	Establishment, Immortalisation and Characterisation of Pteropid Bat Cell Lines. <i>PLoS ONE</i> , 2009, 4, e8266.	1.1	143
9	Altered microRNA expression in COVID-19 patients enables identification of SARS-CoV-2 infection. <i>PLoS Pathogens</i> , 2021, 17, e1009759.	2.1	107
10	Ebola Reston Virus Infection of Pigs: Clinical Significance and Transmission Potential. <i>Journal of Infectious Diseases</i> , 2011, 204, S804-S809.	1.9	104
11	Type III IFNs in Pteropid Bats: Differential Expression Patterns Provide Evidence for Distinct Roles in Antiviral Immunity. <i>Journal of Immunology</i> , 2011, 186, 3138-3147.	0.4	90
12	Identifying Hendra Virus Diversity in Pteropid Bats. <i>PLoS ONE</i> , 2011, 6, e25275.	1.1	88
13	Henipaviruses: An Updated Review Focusing on the Pteropid Reservoir and Features of Transmission. <i>Zoonoses and Public Health</i> , 2013, 60, 69-83.	0.9	87
14	Transmission Routes for Nipah Virus from Malaysia and Bangladesh. <i>Emerging Infectious Diseases</i> , 2012, 18, 1983-1993.	2.0	85
15	Antiviral activity of arbidol, a broad-spectrum drug for use against respiratory viruses, varies according to test conditions. <i>Journal of Medical Virology</i> , 2012, 84, 170-181.	2.5	78
16	Novel, Potentially Zoonotic Paramyxoviruses from the African Straw-Colored Fruit Bat <i>Eidolon helvum</i> . <i>Journal of Virology</i> , 2013, 87, 1348-1358.	1.5	75
17	Hendra and Nipah viruses: why are they so deadly?. <i>Current Opinion in Virology</i> , 2012, 2, 242-247.	2.6	74
18	Experimental Infection of Horses with Hendra Virus/Australia/Horse/2008/Redlands. <i>Emerging Infectious Diseases</i> , 2011, 17, 2232-8.	2.0	71

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19	Molecular evidence of Ebola Reston virus infection in Philippine bats. <i>Virology Journal</i> , 2015, 12, 107.	1.4	71
20	Interferon Production and Signaling Pathways Are Antagonized during Henipavirus Infection of Fruit Bat Cell Lines. <i>PLoS ONE</i> , 2011, 6, e22488.	1.1	64
21	Co-circulation of diverse paramyxoviruses in an urban African fruit bat population. <i>Journal of General Virology</i> , 2012, 93, 850-856.	1.3	60
22	Conservation of a Unique Mechanism of Immune Evasion across the Lyssavirus Genus. <i>Journal of Virology</i> , 2012, 86, 10194-10199.	1.5	58
23	Experimental and in silico evidence suggests vaccines are unlikely to be affected by D614G mutation in SARS-CoV-2 spike protein. <i>Npj Vaccines</i> , 2020, 5, 96.	2.9	56
24	A neutralization test for specific detection of Nipah virus antibodies using pseudotyped vesicular stomatitis virus expressing green fluorescent protein. <i>Journal of Virological Methods</i> , 2009, 160, 7-13.	1.0	55
25	A New Model for Hendra Virus Encephalitis in the Mouse. <i>PLoS ONE</i> , 2012, 7, e40308.	1.1	55
26	Promotion of Hendra Virus Replication by MicroRNA 146a. <i>Journal of Virology</i> , 2013, 87, 3782-3791.	1.5	54
27	Evidence of bat origin for Menangle virus, a zoonotic paramyxovirus first isolated from diseased pigs. <i>Journal of General Virology</i> , 2012, 93, 2590-2594.	1.3	53
28	Retinal Pigment Epithelial Cells are a Potential Reservoir for Ebola Virus in the Human Eye. <i>Translational Vision Science and Technology</i> , 2017, 6, 12.	1.1	53
29	Design and evaluation of consensus PCR assays for henipaviruses. <i>Journal of Virological Methods</i> , 2009, 161, 52-57.	1.0	48
30	Genome Sequence Conservation of Hendra Virus Isolates during Spillover to Horses, Australia. <i>Emerging Infectious Diseases</i> , 2010, 16, 1767-1769.	2.0	47
31	ChAdOx1 nCoV-19 (AZD1222) vaccine candidate significantly reduces SARS-CoV-2 shedding in ferrets. <i>Npj Vaccines</i> , 2021, 6, 67.	2.9	47
32	Interferon Signaling Remains Functional during Henipavirus Infection of Human Cell Lines. <i>Journal of Virology</i> , 2011, 85, 4031-4034.	1.5	43
33	Isolation of multiple novel paramyxoviruses from pteropid bat urine. <i>Journal of General Virology</i> , 2015, 96, 24-29.	1.3	43
34	Proteomics informed by transcriptomics reveals Hendra virus sensitizes bat cells to TRAIL-mediated apoptosis. <i>Genome Biology</i> , 2014, 15, 532.	3.8	42
35	Type III IFN Receptor Expression and Functional Characterisation in the Pteropid Bat, <i>Pteropus alecto</i> . <i>PLoS ONE</i> , 2011, 6, e25385.	1.1	40
36	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. <i>Journal of Virology</i> , 2012, 86, 8014-8030.	1.5	39

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37	Second generation of pseudotype-based serum neutralization assay for Nipah virus antibodies: Sensitive and high-throughput analysis utilizing secreted alkaline phosphatase. <i>Journal of Virological Methods</i> , 2012, 179, 226-232.	1.0	39
38	Structural and functional analyses reveal promiscuous and species specific use of ephrin receptors by Cedar virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20707-20715.	3.3	39
39	Characteristics of Nipah virus and Hendra virus replication in different cell lines and their suitability for antiviral screening. <i>Virus Research</i> , 2009, 142, 92-99.	1.1	38
40	Genome-wide siRNA Screening at Biosafety Level 4 Reveals a Crucial Role for Fibrillarin in Henipavirus Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005478.	2.1	38
41	Detection of potentially novel paramyxovirus and coronavirus viral <scp>RNA</scp> in bats and rats in the Mekong Delta region of southern Viet Nam. <i>Zoonoses and Public Health</i> , 2018, 65, 30-42.	0.9	33
42	Subclinical infection without encephalitis in mice following intranasal exposure to Nipah virus-Malaysia and Nipah virus-Bangladesh. <i>Virology Journal</i> , 2014, 11, 102.	1.4	32
43	The Nature of Exposure Drives Transmission of Nipah Viruses from Malaysia and Bangladesh in Ferrets. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004775.	1.3	32
44	Recognition by host nuclear transport proteins drives disorder-to-order transition in Hendra virus V. <i>Scientific Reports</i> , 2018, 8, 358.	1.6	32
45	Viral regulation of host cell biology by hijacking of the nucleolar DNA-damage response. <i>Nature Communications</i> , 2018, 9, 3057.	5.8	32
46	Infectious KoRV-related retroviruses circulating in Australian bats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9529-9536.	3.3	31
47	Proteomics informed by transcriptomics reveals Hendra virus sensitizes bat cells to TRAIL mediated apoptosis. <i>Genome Biology</i> , 2014, 15, 532.	13.9	30
48	Recombinant Hendra viruses expressing a reporter gene retain pathogenicity in ferrets. <i>Virology Journal</i> , 2013, 10, 95.	1.4	29
49	Characterisation of novel microRNAs in the Black flying fox ( <i>Pteropus alecto</i> ) by deep sequencing. <i>BMC Genomics</i> , 2014, 15, 682.	1.2	28
50	Host and Viral Proteins Modulating Ebola and Marburg Virus Egress. <i>Viruses</i> , 2019, 11, 25.	1.5	28
51	Comparative Transcriptomics Highlights the Role of the Activator Protein 1 Transcription Factor in the Host Response to Ebolavirus. <i>Journal of Virology</i> , 2017, 91, .	1.5	27
52	Bovine Herpesvirus-4-Vectored Delivery of Nipah Virus Glycoproteins Enhances T Cell Immunogenicity in Pigs. <i>Vaccines</i> , 2020, 8, 115.	2.1	27
53	Paramyxoviruses infecting humans: the old, the new and the unknown. <i>Future Microbiology</i> , 2009, 4, 537-554.	1.0	26
54	The changing face of the henipaviruses. <i>Veterinary Microbiology</i> , 2013, 167, 151-158.	0.8	25

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55	Ebolavirus diagnosis made simple, comparable and faster than molecular detection methods: preparing for the future. <i>Virology Journal</i> , 2018, 15, 75.	1.4	25
56	The non-pathogenic Henipavirus Cedar paramyxovirus phosphoprotein has a compromised ability to target STAT1 and STAT2. <i>Antiviral Research</i> , 2015, 124, 69-76.	1.9	22
57	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. <i>Journal of General Virology</i> , 2016, 97, 581-592.	1.3	21
58	Metabolic Profiling from an Asymptomatic Ferret Model of SARS-CoV-2 Infection. <i>Metabolites</i> , 2021, 11, 327.	1.3	19
59	Reemergence of <i>Reston ebolavirus</i> in Cynomolgus Monkeys, the Philippines, 2015. <i>Emerging Infectious Diseases</i> , 2018, 24, 1285-1291.	2.0	16
60	Nuclear localization and secretion competence are conserved among henipavirus matrix proteins. <i>Journal of General Virology</i> , 2017, 98, 563-576.	1.3	16
61	Dual microRNA Screens Reveal That the Immune-Responsive miR-181 Promotes Henipavirus Entry and Cell-Cell Fusion. <i>PLoS Pathogens</i> , 2016, 12, e1005974.	2.1	15
62	Mutations in the Gâ€‘H loop region of ephrin-B2 can enhance Nipah virus binding and infection. <i>Journal of General Virology</i> , 2011, 92, 2142-2152.	1.3	14
63	Antigen capture ELISA system for henipaviruses using polyclonal antibodies obtained by DNA immunization. <i>Archives of Virology</i> , 2012, 157, 1605-1609.	0.9	14
64	Development of multiplexed bead arrays for the simultaneous detection of nucleic acid from multiple viruses in bat samples. <i>Journal of Virological Methods</i> , 2015, 223, 5-12.	1.0	14
65	Successful post-exposure prophylaxis of Ebola infected non-human primates using Ebola glycoprotein-specific equine IgG. <i>Scientific Reports</i> , 2017, 7, 41537.	1.6	14
66	Expression of novel genes encoded by the paramyxovirus J virus. <i>Journal of General Virology</i> , 2008, 89, 1434-1441.	1.3	13
67	The RNA-Dependent-RNA Polymerase, an Emerging Antiviral Drug Target for the Hendra Virus. <i>Current Drug Targets</i> , 2014, 15, 103-113.	1.0	13
68	Alston Virus, a Novel Paramyxovirus Isolated from Bats Causes Upper Respiratory Tract Infection in Experimentally Challenged Ferrets. <i>Viruses</i> , 2018, 10, 675.	1.5	13
69	Characterisation and natural progression of SARS-CoV-2 infection in ferrets. <i>Scientific Reports</i> , 2022, 12, 5680.	1.6	13
70	Polyanionic Macromolecular Prodrugs of Ribavirin: Antiviral Agents with a Broad Spectrum of Activity. <i>Advanced Healthcare Materials</i> , 2016, 5, 534-540.	3.9	11
71	<i>In vitro</i> characterisation of SARS-CoV-2 and susceptibility of domestic ferrets ( <i>Mustela putorius furo</i> ). <i>Journal of General Virology</i> , 2022, 93, 0784314.	1.3	11
72	Cygnnet River Virus, a Novel Orthomyxovirus from Ducks, Australia. <i>Emerging Infectious Diseases</i> , 2012, 18, 2044-2046.	2.0	10

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73	Potent Inhibition of Hendra Virus Infection via RNA Interference and Poly I:C Immune Activation. <i>PLoS ONE</i> , 2013, 8, e64360.	1.1	10
74	Complete Genome Sequence of Teviot Paramyxovirus, a Novel Rubulavirus Isolated from Fruit Bats in Australia. <i>Genome Announcements</i> , 2015, 3, .	0.8	10
75	Expression of microRNA in human retinal pigment epithelial cells following infection with Zaire ebolavirus. <i>BMC Research Notes</i> , 2019, 12, 639.	0.6	10
76	Animal infection studies of two recently discovered African bat paramyxoviruses, Achimota 1 and Achimota 2. <i>Scientific Reports</i> , 2018, 8, 12744.	1.6	9
77	Characterization of Teviot virus, an Australian bat-borne paramyxovirus. <i>Journal of General Virology</i> , 2019, 100, 403-413.	1.3	9
78	An Australian Newcastle Disease Virus With a Virulent Fusion Protein Cleavage Site Produces Minimal Pathogenicity in Chickens. <i>Veterinary Pathology</i> , 2017, 54, 649-660.	0.8	7
79	Antagonism of STAT3 signalling by Ebola virus. <i>PLoS Pathogens</i> , 2021, 17, e1009636.	2.1	7
80	Nipah viruses from Malaysia and Bangladesh: two of a kind?. <i>Future Virology</i> , 2014, 9, 935-946.	0.9	6
81	The equine Hendra virus vaccine remains a highly effective preventative measure against infection in horses and humans: “The imperative to develop a human vaccine for the Hendra virus in Australia”™. <i>Infection Ecology and Epidemiology</i> , 2016, 6, 31658.	0.5	6
82	Achimota Pararubulavirus 3: A New Bat-Derived Paramyxovirus of the Genus Pararubulavirus. <i>Viruses</i> , 2020, 12, 1236.	1.5	6
83	Hervey virus: Study on co-circulation with Henipaviruses in Pteropid bats within their distribution range from Australia to Africa. <i>PLoS ONE</i> , 2018, 13, e0191933.	1.1	5
84	Evaluation of henipavirus chemical inactivation methods for the safe removal of samples from the high-containment PC4 laboratory. <i>Journal of Virological Methods</i> , 2021, 298, 114287.	1.0	5
85	Phenotypic Divergence of P Proteins of Australian Bat Lyssavirus Lineages Circulating in Microbats and Flying Foxes. <i>Viruses</i> , 2021, 13, 831.	1.5	4
86	Contemporary Anti-Ebola Drug Discovery Approaches and Platforms. <i>ACS Infectious Diseases</i> , 2019, 5, 35-48.	1.8	3
87	Henipavirus Infection: Natural History and the Virus-Host Interplay. <i>Current Treatment Options in Infectious Diseases</i> , 2018, 10, 197-216.	0.8	2
88	Distinct Cell Transcriptomic Landscapes Upon Henipavirus Infections. <i>Frontiers in Microbiology</i> , 2020, 11, 986.	1.5	2
89	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. <i>ILAR Journal</i> , 2020, 61, 46-61.	1.8	2
90	Type I Hypersensitivity in Ferrets Following Exposure to SARS-CoV-2 Inoculum: Lessons Learned. <i>ILAR Journal</i> , 2021, , .	1.8	2

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91	Development of low bio-containment assays to characterise the antibody responses in pigs to Nipah virus vaccine candidates. <i>Access Microbiology</i> , 2019, 1, .	0.2	2
92	Henipaviruses: bat-borne paramyxoviruses. <i>Microbiology Australia</i> , 2017, 38, 4.	0.1	1
93	Henipaviruses. , 2014, , 125-142.		0
94	Bat-associated diseases. <i>Microbiology Australia</i> , 2017, 38, 3.	0.1	0
95	Viral hijacking of the nucleolar DNA-damage response machinery: a novel mechanism to regulate host cell biology. <i>Access Microbiology</i> , 2019, 1, .	0.2	0
96	Serological Hendra Virus Diagnostics Using an Indirect ELISA-Based DIVA Approach with Recombinant Hendra G and N Proteins. <i>Microorganisms</i> , 2022, 10, 1095.	1.6	0
97	Brief Research Report: Ebola Virus Differentially Infects Human Iris and Retinal Pigment Epithelial Cells. <i>Frontiers in Virology</i> , 0, 2, .	0.7	0