

# Paul Digard

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100  
papers

10,343  
citations

45  
h-index

101  
g-index

113  
ext. papers

11,712  
ext. citations

9.4  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
100	Heterogeneity of Early Host Response to Infection with Four Low-Pathogenic H7 Viruses with a Different Evolutionary History in the Field. <i>Viruses</i> , <b>2021</b> , 13,	6.2	2
99	Accessory Gene Products of Influenza A Virus. <i>Cold Spring Harbor Perspectives in Medicine</i> , <b>2021</b> , 11,	5.4	3
98	PA-X is an avian virulence factor in H9N2 avian influenza virus. <i>Journal of General Virology</i> , <b>2021</b> , 102,	4.9	1
97	Compositional biases in RNA viruses: Causes, consequences and applications. <i>Wiley Interdisciplinary Reviews RNA</i> , <b>2021</b> , e1679	9.3	4
96	Constitutive TRIM22 Expression in the Respiratory Tract Confers a Pre-Existing Defence Against Influenza A Virus Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 689707	5.9	0
95	STING nuclear partners contribute to innate immune signaling responses. <i>IScience</i> , <b>2021</b> , 24, 103055	6.1	6
94	Comprehensive Characterization of Transcriptional Activity during Influenza A Virus Infection Reveals Biases in Cap-Snatching of Host RNA Sequences. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	6
93	Hybrid Gene Origination Creates Human-Virus Chimeric Proteins during Infection. <i>Cell</i> , <b>2020</b> , 181, 1502-1517. e23	15.2	23
92	Engineered Recombinant Single Chain Variable Fragment of Monoclonal Antibody Provides Protection to Chickens Infected with H9N2 Avian Influenza. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	8
91	Staphylococcus aureus Lipase 1 Enhances Influenza A Virus Replication. <i>MBio</i> , <b>2020</b> , 11,	7.8	9
90	Genome-wide CRISPR screen identifies host dependency factors for influenza A virus infection. <i>Nature Communications</i> , <b>2020</b> , 11, 164	17.4	59
89	Intra-genome variability in the dinucleotide composition of SARS-CoV-2. <i>Virus Evolution</i> , <b>2020</b> , 6, veaa053.7	3.7	26
88	Contribution of Segment 3 to the Acquisition of Virulence in Contemporary H9N2 Avian Influenza Viruses. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	5
87	A brief history of bird flu. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20180257	5.8	63
86	PA-X antagonises MAVS-dependent accumulation of early type I interferon messenger RNAs during influenza A virus infection. <i>Scientific Reports</i> , <b>2019</b> , 9, 7216	4.9	17
85	The cellular localization of avian influenza virus PB1-F2 protein alters the magnitude of IFN2 promoter and NF- $\kappa$ B-dependent promoter antagonism in chicken cells. <i>Journal of General Virology</i> , <b>2019</b> , 100, 414-430	4.9	8
84	Segment 2 from influenza A(H1N1) 2009 pandemic viruses confers temperature-sensitive haemagglutinin yield on candidate vaccine virus growth in eggs that can be epistatically complemented by PB2 701D. <i>Journal of General Virology</i> , <b>2019</b> , 100, 1079-1092	4.9	1

83	Asparagine Deprivation Causes a Reversible Inhibition of Human Cytomegalovirus Acute Virus Replication. <i>MBio</i> , <b>2019</b> , 10,	7.8	7
82	Mutation of Influenza A Virus PA-X Decreases Pathogenicity in Chicken Embryos and Can Increase the Yield of Reassortant Candidate Vaccine Viruses. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	14
81	Comparison of the efficacy of a commercial inactivated influenza A/H1N1/pdm09 virus (pH1N1) vaccine and two experimental M2e-based vaccines against pH1N1 challenge in the growing pig model. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191739	3.7	2
80	Effects of mutations in the effector domain of influenza A virus NS1 protein. <i>BMC Research Notes</i> , <b>2018</b> , 11, 673	2.3	5
79	A chicken bioreactor for efficient production of functional cytokines. <i>BMC Biotechnology</i> , <b>2018</b> , 18, 82	3.5	18
78	Influenza A Virus NS1 Protein Promotes Efficient Nuclear Export of Unspliced Viral M1 mRNA. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	22
77	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
76	Detection of influenza C virus but not influenza D virus in Scottish respiratory samples. <i>Journal of Clinical Virology</i> , <b>2016</b> , 74, 50-3	14.5	36
75	Characterization of the Interactome of the Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 2 Reveals the Hyper Variable Region as a Binding Platform for Association with 14-3-3 Proteins. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 1388-401	5.6	12
74	Elevation of CpG frequencies in influenza A genome attenuates pathogenicity but enhances host response to infection. <i>ELife</i> , <b>2016</b> , 5, e12735	8.9	68
73	Modelling the Structure and Dynamics of Biological Pathways. <i>PLoS Biology</i> , <b>2016</b> , 14, e1002530	9.7	16
72	The environmental deposition of influenza virus from patients infected with influenza A(H1N1)pdm09: Implications for infection prevention and control. <i>Journal of Infection and Public Health</i> , <b>2016</b> , 9, 278-88	7.4	22
71	Vaccinia Virus Uses Retromer-Independent Cellular Retrograde Transport Pathways To Facilitate the Wrapping of Intracellular Mature Virions during Virus Morphogenesis. <i>Journal of Virology</i> , <b>2016</b> , 90, 10120-10132	6.6	19
70	Role of the B Allele of Influenza A Virus Segment 8 in Setting Mammalian Host Range and Pathogenicity. <i>Journal of Virology</i> , <b>2016</b> , 90, 9263-84	6.6	21
69	A comparative analysis of host responses to avian influenza infection in ducks and chickens highlights a role for the interferon-induced transmembrane proteins in viral resistance. <i>BMC Genomics</i> , <b>2015</b> , 16, 574	4.5	67
68	Interactome analysis of the human respiratory syncytial virus RNA polymerase complex identifies protein chaperones as important cofactors that promote L-protein stability and RNA synthesis. <i>Journal of Virology</i> , <b>2015</b> , 89, 917-30	6.6	48
67	A LC3-interacting motif in the influenza A virus M2 protein is required to subvert autophagy and maintain virion stability. <i>Cell Host and Microbe</i> , <b>2014</b> , 15, 239-47	23.4	158
66	Influenza--time to target the host?. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 191-3	59.2	42

65	The genetics of virus particle shape in equine influenza A virus. <i>Influenza and Other Respiratory Viruses</i> , <b>2013</b> , 7 Suppl 4, 81-9	5.6	12
64	Nucleozin targets cytoplasmic trafficking of viral ribonucleoprotein-Rab11 complexes in influenza A virus infection. <i>Journal of Virology</i> , <b>2013</b> , 87, 4694-703	6.6	41
63	Expression of HIV-1 Vpu leads to loss of the viral restriction factor CD317/Tetherin from lipid rafts and its enhanced lysosomal degradation. <i>PLoS ONE</i> , <b>2013</b> , 8, e75680	3.7	18
62	Human cytomegalovirus inhibitor AL18 also possesses activity against influenza A and B viruses. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 6009-13	5.9	30
61	Role of the Rab11 pathway in negative-strand virus assembly. <i>Biochemical Society Transactions</i> , <b>2012</b> , 40, 1409-15	5.1	31
60	A quantitative proteomic analysis of lung epithelial (A549) cells infected with 2009 pandemic influenza A virus using stable isotope labelling with amino acids in cell culture. <i>Proteomics</i> , <b>2012</b> , 12, 1431-6	4.8	36
59	Using SILAC and quantitative proteomics to investigate the interactions between viral and host proteomes. <i>Proteomics</i> , <b>2012</b> , 12, 666-72	4.8	50
58	Small molecule inhibitors of influenza A and B viruses that act by disrupting subunit interactions of the viral polymerase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 6247-52	11.5	94
57	An overlapping protein-coding region in influenza A virus segment 3 modulates the host response. <i>Science</i> , <b>2012</b> , 337, 199-204	33.3	441
56	Identification of a novel splice variant form of the influenza A virus M2 ion channel with an antigenically distinct ectodomain. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002998	7.6	153
55	Release of filamentous and spherical influenza A virus is not restricted by tetherin. <i>Journal of General Virology</i> , <b>2012</b> , 93, 963-969	4.9	23
54	Evolutionary conservation of the PA-X open reading frame in segment 3 of influenza A virus. <i>Journal of Virology</i> , <b>2012</b> , 86, 12411-3	6.6	80
53	IFITM3 restricts the morbidity and mortality associated with influenza. <i>Nature</i> , <b>2012</b> , 484, 519-23	50.4	537
52	Permissive and restricted virus infection of murine embryonic stem cells. <i>Journal of General Virology</i> , <b>2012</b> , 93, 2118-2130	4.9	15
51	Packaging signals in the 5Sends of influenza virus PA, PB1, and PB2 genes as potential targets to develop nucleic-acid based antiviral molecules. <i>Antiviral Research</i> , <b>2011</b> , 92, 64-72	10.8	13
50	A Rab11- and microtubule-dependent mechanism for cytoplasmic transport of influenza A virus viral RNA. <i>Journal of Virology</i> , <b>2011</b> , 85, 4143-56	6.6	148
49	Overlapping signals for translational regulation and packaging of influenza A virus segment 2. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 7775-90	20.1	50
48	Survival of influenza A(H1N1) on materials found in households: implications for infection control. <i>PLoS ONE</i> , <b>2011</b> , 6, e27932	3.7	61

47	Influence of PB2 host-range determinants on the intranuclear mobility of the influenza A virus polymerase. <i>Journal of General Virology</i> , <b>2011</b> , 92, 1650-1661	4.9	41
46	Effectiveness of common household cleaning agents in reducing the viability of human influenza A/H1N1. <i>PLoS ONE</i> , <b>2010</b> , 5, e8987	3.7	28
45	Dynamics of influenza virus infection and pathology. <i>Journal of Virology</i> , <b>2010</b> , 84, 3974-83	6.6	134
44	The PB2-E627K mutation attenuates viruses containing the 2009 H1N1 influenza pandemic polymerase. <i>MBio</i> , <b>2010</b> , 1,	7.8	55
43	The Rab11 pathway is required for influenza A virus budding and filament formation. <i>Journal of Virology</i> , <b>2010</b> , 84, 5848-59	6.6	147
42	Quantitative proteomics using SILAC coupled to LC-MS/MS reveals changes in the nucleolar proteome in influenza A virus-infected cells. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 5335-45	5.6	69
41	Genome packaging in influenza A virus. <i>Journal of General Virology</i> , <b>2010</b> , 91, 313-28	4.9	211
40	Individual influenza A virus mRNAs show differential dependence on cellular NXF1/TAP for their nuclear export. <i>Journal of General Virology</i> , <b>2010</b> , 91, 1290-301	4.9	64
39	Studies of an influenza A virus temperature-sensitive mutant identify a late role for NP in the formation of infectious virions. <i>Journal of Virology</i> , <b>2009</b> , 83, 562-71	6.6	31
38	Human gamma delta T cells: a lymphoid lineage cell capable of professional phagocytosis. <i>Journal of Immunology</i> , <b>2009</b> , 183, 5622-9	5.3	102
37	Budding of filamentous and non-filamentous influenza A virus occurs via a VPS4 and VPS28-independent pathway. <i>Virology</i> , <b>2009</b> , 390, 268-78	3.6	53
36	Nuclear dynamics of influenza A virus ribonucleoproteins revealed by live-cell imaging studies. <i>Virology</i> , <b>2009</b> , 394, 154-63	3.6	34
35	Characterisation of influenza A viruses with mutations in segment 5 packaging signals. <i>Vaccine</i> , <b>2009</b> , 27, 6270-5	4.1	47
34	Orthomyxovirus Genome Transcription and Replication <b>2009</b> , 163-180		
33	A complicated message: Identification of a novel PB1-related protein translated from influenza A virus segment 2 mRNA. <i>Journal of Virology</i> , <b>2009</b> , 83, 8021-31	6.6	273
32	Mutational analysis of cis-acting RNA signals in segment 7 of influenza A virus. <i>Journal of Virology</i> , <b>2008</b> , 82, 11869-79	6.6	118
31	Codon conservation in the influenza A virus genome defines RNA packaging signals. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, 1897-907	20.1	141
30	Nuclear export of influenza A virus mRNAs requires ongoing RNA polymerase II activity. <i>Traffic</i> , <b>2007</b> , 8, 1-11	5.7	63

29	Evidence that the C-terminal PB2-binding region of the influenza A virus PB1 protein is a discrete alpha-helical domain. <i>FEBS Letters</i> , <b>2007</b> , 581, 5300-6	3.8	27
28	Identification of the domains of the influenza A virus M1 matrix protein required for NP binding, oligomerization and incorporation into virions. <i>Journal of General Virology</i> , <b>2007</b> , 88, 2280-2290	4.9	119
27	Temperature sensitive influenza A virus genome replication results from low thermal stability of polymerase-cRNA complexes. <i>Virology Journal</i> , <b>2006</b> , 3, 58	6.1	48
26	Influenza A virus and the cell nucleus. <i>Vaccine</i> , <b>2006</b> , 24, 6651-5	4.1	31
25	Genome gating polarized intranuclear trafficking of influenza virus RNPs. <i>Biology Letters</i> , <b>2005</b> , 1, 113-3.6	3.6	27
24	Increased amounts of the influenza virus nucleoprotein do not promote higher levels of viral genome replication. <i>Journal of General Virology</i> , <b>2004</b> , 85, 3689-3698	4.9	45
23	Lipid raft-dependent targeting of the influenza A virus nucleoprotein to the apical plasma membrane. <i>Traffic</i> , <b>2004</b> , 5, 979-92	5.7	66
22	Functional domains of the influenza A virus PB2 protein: identification of NP- and PB1-binding sites. <i>Virology</i> , <b>2004</b> , 321, 120-33	3.6	103
21	Activation of influenza virus RNA polymerase by the 5S and 3S terminal duplex of genomic RNA. <i>Nucleic Acids Research</i> , <b>2003</b> , 31, 1624-32	20.1	45
20	A functional link between the actin cytoskeleton and lipid rafts during budding of filamentous influenza virions. <i>Virology</i> , <b>2002</b> , 301, 212-25	3.6	113
19	Definition of the minimal viral components required for the initiation of unprimed RNA synthesis by influenza virus RNA polymerase. <i>Nucleic Acids Research</i> , <b>2002</b> , 30, 429-38	20.1	65
18	The influenza virus nucleoprotein: a multifunctional RNA-binding protein pivotal to virus replication. <i>Journal of General Virology</i> , <b>2002</b> , 83, 723-734	4.9	367
17	Interaction of the influenza virus nucleoprotein with the cellular CRM1-mediated nuclear export pathway. <i>Journal of Virology</i> , <b>2001</b> , 75, 408-19	6.6	216
16	Interaction of the influenza virus nucleoprotein with F-actin. <i>International Congress Series</i> , <b>2001</b> , 1219, 503-512		1
15	Secondary structure and structure-activity relationships of peptides corresponding to the subunit interface of herpes simplex virus DNA polymerase. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 472-8	5.4	22
14	Oligomerization of the influenza virus nucleoprotein: identification of positive and negative sequence elements. <i>Virology</i> , <b>1999</b> , 260, 190-200	3.6	67
13	Modulation of nuclear localization of the influenza virus nucleoprotein through interaction with actin filaments. <i>Journal of Virology</i> , <b>1999</b> , 73, 2222-31	6.6	93
12	Temperature-sensitive lesions in two influenza A viruses defective for replicative transcription disrupt RNA binding by the nucleoprotein. <i>Journal of Virology</i> , <b>1999</b> , 73, 7349-56	6.6	49

11	Identification of amino acid residues of influenza virus nucleoprotein essential for RNA binding. <i>Journal of Virology</i> , <b>1999</b> , 73, 7357-67	6.6	88
10	Complex formation between influenza virus polymerase proteins expressed in <i>Xenopus</i> oocytes. <i>Virology</i> , <b>1989</b> , 171, 162-9	3.6	70
9	Characterization of an efficient coronavirus ribosomal frameshifting signal: requirement for an RNA pseudoknot. <i>Cell</i> , <b>1989</b> , 57, 537-47	56.2	568
8	Comprehensive characterisation of molecular host-pathogen interactions in influenza A virus-infected human macrophages		1
7	Upstream translation initiation expands the coding capacity of segmented negative-strand RNA viruses		1
6	Intra-genome variability in the dinucleotide composition of SARS-CoV-2		1
5	PA-X is an avian virulence factor in H9N2 avian influenza virus		1
4	Face Coverings and Respiratory Tract Droplet Dispersion		4
3	Mutation of influenza A virus PA-X decreases pathogenicity in chicken embryos and can increase the yield of reassortant candidate vaccine viruses		2
2	An alternative AUG codon in segment 5 of the 2009 pandemic influenza A virus is a swine-derived virulence motif		3
1	Rapid selection of P323L in the SARS-CoV-2 polymerase (NSP12) in humans and non-human primate models and confers a large plaque phenotype		2