Andrew Macdonald

List of Publications by Year
in descending order

52	2,733	212478	214428
papers	citations	28 h-index	50 g-index

60	60	60	3651
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Induction of APOBEC3-mediated genomic damage in urothelium implicates BK polyomavirus (BKPyV) as a hit-and-run driver for bladder cancer. Oncogene, 2022, 41, 2139-2151.	2.6	21
2	Dysregulation of the miRâ€30c/DLL4 axis by circHIPK3 is essential for KSHV lytic replication. EMBO Reports, 2022, 23, e54117.	2.0	9
3	E6-mediated activation of JNK drives EGFR signalling to promote proliferation and viral oncoprotein expression in cervical cancer. Cell Death and Differentiation, 2021, 28, 1669-1687.	5.0	52
4	The deubiquitinase (DUB) USP13 promotes Mcl-1 stabilisation in cervical cancer. Oncogene, 2021, 40, 2112-2129.	2.6	28
5	The human papillomavirus oncoproteins: a review of the host pathways targeted on the road to transformation. Journal of General Virology, 2021, 102, .	1.3	90
6	Werner Syndrome Protein (WRN) Regulates Cell Proliferation and the Human Papillomavirus 16 Life Cycle during Epithelial Differentiation. MSphere, 2020, 5, .	1.3	13
7	Manipulation of JAK/STAT Signalling by High-Risk HPVs: Potential Therapeutic Targets for HPV-Associated Malignancies. Viruses, 2020, 12, 977.	1.5	33
8	MicroRNA-18a targeting of the STK4/MST1 tumour suppressor is necessary for transformation in HPV positive cervical cancer. PLoS Pathogens, 2020, 16, e1008624.	2.1	46
9	Glibenclamide inhibits BK polyomavirus infection in kidney cells through CFTR blockade. Antiviral Research, 2020, 178, 104778.	1.9	15
10	Merkel cell polyomavirus small tumour antigen activates the p38 MAPK pathway to enhance cellular motility. Biochemical Journal, 2020, 477, 2721-2733.	1.7	10
11	Rationally derived inhibitors of hepatitis C virus (HCV) p7 channel activity reveal prospect for bimodal antiviral therapy. ELife, 2020, 9, .	2.8	4
12	Effect of the Large and Small T-Antigens of Human Polyomaviruses on Signaling Pathways. International Journal of Molecular Sciences, 2019, 20, 3914.	1.8	18
13	Autocrine STAT3 activation in HPV positive cervical cancer through a virus-driven Rac1â€"NFÎºBâ€"IL-6 signalling axis. PLoS Pathogens, 2019, 15, e1007835.	2.1	97
14	BK virus: Current understanding of pathogenicity and clinical disease in transplantation. Reviews in Medical Virology, 2019, 29, e2044.	3.9	39
15	JAK2 Inhibition Impairs Proliferation and Sensitises Cervical Cancer Cells to Cisplatin-Induced Cell Death. Cancers, 2019, 11, 1934.	1.7	45
16	The cellular chloride channels CLIC1 and CLIC4 contribute to virus-mediated cell motility. Journal of Biological Chemistry, 2018, 293, 4582-4590.	1.6	21
17	The Structure of an Infectious Human Polyomavirus and Its Interactions with Cellular Receptors. Structure, 2018, 26, 839-847.e3.	1.6	29
18	Merkel Cell Polyomavirus Small T Antigen Drives Cell Motility via Rho-GTPase-Induced Filopodium Formation. Journal of Virology, 2018, 92, .	1.5	22

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19	Cellular sheddases are induced by Merkel cell polyomavirus small tumour antigen to mediate cell dissociation and invasiveness. PLoS Pathogens, 2018, 14, e1007276.	2.1	24
20	Agnoprotein Is an Essential Egress Factor during BK Polyomavirus Infection. International Journal of Molecular Sciences, 2018, 19, 902.	1.8	27
21	Defining the frequency of human papillomavirus and polyomavirus infection in urothelial bladder tumours. Scientific Reports, 2018, 8, 11290.	1.6	28
22	Alkyl-imino sugars inhibit the pro-oncogenic ion channel function of human papillomavirus (HPV) E5. Antiviral Research, 2018, 158, 113-121.	1.9	26
23	STAT3 activation by E6 is essential for the differentiation-dependent HPV18 life cycle. PLoS Pathogens, 2018, 14, e1006975.	2.1	62
24	Human papillomavirus type 18 E5 oncogene supports cell cycle progression and impairs epithelial differentiation by modulating growth factor receptor signalling during the virus life cycle. Oncotarget, 2017, 8, 103581-103600.	0.8	51
25	The PP4R1 sub-unit of protein phosphatase PP4 is essential for inhibition of NF-ÎºB by merkel polyomavirus small tumour antigen. Oncotarget, 2017, 8, 25418-25432.	0.8	32
26	Probing Protein Surfaces: QSAR Analysis with Helix Mimetics. ChemBioChem, 2016, 17, 768-773.	1.3	5
27	New Structural Insights into the Genome and Minor Capsid Proteins of BK Polyomavirus using Cryo-Electron Microscopy. Structure, 2016, 24, 528-536.	1.6	47
28	Selective and Potent Proteomimetic Inhibitors of Intracellular Proteinâ€“Protein Interactions. Angewandte Chemie, 2015, 127, 3003-3008.	1.6	24
29	The human papillomavirus (HPV) E7 protein antagonises an Imiquimod-induced inflammatory pathway in primary human keratinocytes. Scientific Reports, 2015, 5, 12922.	1.6	35
30	YIP1 family member 4 (YIPF4) is a novel cellular binding partner of the papillomavirus E5 proteins. Scientific Reports, 2015, 5, 12523.	1.6	18
31	Emerging Roles of Viroporins Encoded by DNA Viruses: Novel Targets for Antivirals?. Viruses, 2015, 7, 5375-5387.	1.5	22
32	Selective and Potent Proteomimetic Inhibitors of Intracellular Proteinâ€“Protein Interactions. Angewandte Chemie - International Edition, 2015, 54, 2960-2965.	7.2	82
33	Human papillomavirus E5 oncoprotein: function and potential target for antiviral therapeutics. Future Virology, 2015, 10, 27-39.	0.9	30
34	Hepatitis C virus NS5A protein blocks epidermal growth factor receptor degradation via a proline motif- dependent interaction. Journal of General Virology, 2015, 96, 2133-2144.	1.3	16
35	Merkel Cell Polyomavirus Small T Antigen Mediates Microtubule Destabilization To Promote Cell Motility and Migration. Journal of Virology, 2015, 89, 35-47.	1.5	56
36	Stathmin drives virus-induced metastasis. Oncotarget, 2015, 6, 32289-32290.	0.8	4

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37	Human Papillomavirus E7 Oncoprotein Increases Production of the Anti-Inflammatory Interleukin-18 Binding Protein in Keratinocytes. Journal of Virology, 2014, 88, 4173-4179.	1.5	32
38	Merkel Cell Polyomavirus: Molecular Insights into the Most Recently Discovered Human Tumour Virus. Cancers, 2014, 6, 1267-1297.	1.7	37
39	Merkel Cell Polyomavirus Small T Antigen Targets the NEMO Adaptor Protein To Disrupt Inflammatory Signaling. Journal of Virology, 2013, 87, 13853-13867.	1.5	78
40	High-Risk Human Papillomavirus E5 Oncoprotein Displays Channel-Forming Activity Sensitive to Small-Molecule Inhibitors. Journal of Virology, 2012, 86, 5341-5351.	1.5	95
41	Characterization of the cellular action of the MSK inhibitor SB-747651A. Biochemical Journal, 2012, 441, 347-357.	1.7	59
42	Putting the brakes on the anti-viral response: negative regulators of type I interferon (IFN) production. Microbes and Infection, 2011, 13, 291-302.	1.0	53
43	Norovirus Regulation of the Innate Immune Response and Apoptosis Occurs via the Product of the Alternative Open Reading Frame 4. PLoS Pathogens, 2011, 7, e1002413.	2.1	200
44	Optineurin Negatively Regulates the Induction of IFNÎ² in Response to RNA Virus Infection. PLoS Pathogens, 2010, 6, e1000778.	2.1	112
45	MSK regulate TCRâ€induced CREB phosphorylation but not immediate early gene transcription. European Journal of Immunology, 2007, 37, 2583-2595.	1.6	26
46	Hepatitis C Virus NS5A-Mediated Activation of Phosphoinositide 3-Kinase Results in Stabilization of Cellular Î²-Catenin and Stimulation of Î²-Catenin-Responsive Transcription. Journal of Virology, 2005, 79, 5006-5016.	1.5	137
47	Further studies on hepatitis C virus NS5Aâ€“SH3 domain interactions: identification of residues critical for binding and implications for viral RNA replication and modulation of cell signalling. Journal of General Virology, 2005, 86, 1035-1044.	1.3	39
48	Perturbation of epidermal growth factor receptor complex formation and Ras signalling in cells harbouring the hepatitis C virus subgenomic replicon. Journal of General Virology, 2005, 86, 1027-1033.	1.3	21
49	The hepatitis C virus NS5A protein binds to members of the Src family of tyrosine kinases and regulates kinase activity. Journal of General Virology, 2004, 85, 721-729.	1.3	104
50	Introduction of replication-competent hepatitis C virus transcripts using a tetracycline-regulable baculovirus delivery system. Journal of General Virology, 2004, 85, 429-439.	1.3	46
51	Hepatitis C virus NS5A: tales of a promiscuous protein. Journal of General Virology, 2004, 85, 2485-2502.	1.3	362
52	The Hepatitis C Virus Non-structural NS5A Protein Inhibits Activating Proteinâ€“1 Function by Perturbing Ras-ERK Pathway Signaling. Journal of Biological Chemistry, 2003, 278, 17775-17784.	1.6	143