Louise Cosby

List of Publications by Citations

80 papers	2,328 citations	25 h-index	46 g-index
82 ext. papers	2,600 ext. citations	5.6 avg, IF	4.28 L-index

#	Paper	IF	Citations
80	Microbes and Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2016**, 51, 979-84	4.3	320
79	Evidence of persistent measles virus infection in Crohn's disease. *Journal of Medical Virology*, **1993**, 39, 345-53	19.7	204
78	Characterization of a seal morbillivirus. *Nature*, **1988**, 336, 115-116	50.4	114
77	A negative search for a paramyxoviral etiology of Paget's disease of bone: molecular, immunological, and ultrastructural studies in UK patients. *Journal of Bone and Mineral Research*, **2000**, 15, 2315-29	6.3	111
76	Clonal expansion of hypermutated measles virus in a SSPE brain. *Virology*, **1993**, 197, 188-95	3.6	100
75	An immunohistochemical study of the distribution of the measles virus receptors, CD46 and SLAM, in normal human tissues and subacute sclerosing panencephalitis. *Laboratory Investigation*, **2002**, 82, 403-9	5.9	88
74	Rhinovirus upregulates transient receptor potential channels in a human neuronal cell line: implications for respiratory virus-induced cough reflex sensitivity. *Thorax*, **2014**, 69, 46-54	7.3	76
73	Respiratory virus infection up-regulates TRPV1, TRPA1 and ASICS3 receptors on airway cells. *PLoS ONE*, **2017**, 12, e0171681	3.7	58
72	Examination of eight cases of multiple sclerosis and 56 neurological and non-neurological controls for genomic sequences of measles virus, canine distemper virus, simian virus 5 and rubella virus. *Journal of General Virology*, **1989**, 70 (Pt 8), 2027-36	4.9	57
71	The H gene of rodent brain-adapted measles virus confers neurovirulence to the Edmonston vaccine strain. *Journal of Virology*, **1999**, 73, 6916-22	6.6	54
70	Detection of herpes simplex virus (types 1 and 2) and human herpesvirus 6 DNA in human brain tissue by polymerase chain reaction. *Clinical and Diagnostic Virology*, **1996**, 6, 33-40		51
69	Inhibition of in vitro leukocyte proliferation by morbilliviruses. *Journal of Virology*, **2002**, 76, 3579-84	6.6	49
68	Isolation and characterisation of a porpoise morbillivirus. *Archives of Virology*, **1991**, 118, 247-52	2.6	46
67	Herpes simplex virus type 1 and Alzheimer's disease: the autophagy connection. *Journal of NeuroVirology*, **2008**, 14, 1-4	3.9	45
66	Development and clinical validation of a loop-mediated isothermal amplification method for the rapid detection of Neisseria meningitidis. *Diagnostic Microbiology and Infectious Disease*, **2011**, 69, 137-44	2.9	39
65	Cerebral endothelial cell infection by measles virus in subacute sclerosing panencephalitis: ultrastructural and in situ hybridization evidence. *Neuropathology and Applied Neurobiology*, **1991**, 17, 289-97	5.2	39
64	Morbillivirus downregulation of CD46. *Journal of Virology*, **1998**, 72, 10292-7	6.6	35

63	Apoptosis in measles virus-infected human central nervous system tissues. *Neuropathology and Applied Neurobiology*, **1997**, 23, 218-224	5.2	34
62	Distribution of measles virus in the central nervous system of HIV-seropositive children. *Acta Neuropathologica*, **1998**, 96, 637-42	14.3	32
61	Adhesion molecule expression and lymphocyte adhesion to cerebral endothelium: effects of measles virus and herpes simplex 1 virus. *Journal of Neuroimmunology*, **1995**, 56, 1-8	3.5	32
60	A comparison of measles and canine distemper virus polypeptides. *Journal of General Virology*, **1980**, 48, 149-59	4.9	31
59	Measles virus infection and replication in undifferentiated and differentiated human neuronal cells in culture. *Journal of Virology*, **1998**, 72, 5245-50	6.6	31
58	Viral emergence in marine mammals in the North Pacific may be linked to Arctic sea ice reduction. *Scientific Reports*, **2019**, 9, 15569	4.9	29
57	Absence of measles virus receptor (CD46) in lesions of subacute sclerosing panencephalitis brains. *Acta Neuropathologica*, **1997**, 94, 444-9	14.3	26
56	Transient virus infection and multiple sclerosis. *Reviews in Medical Virology*, **2000**, 10, 291-303	11.7	25
55	Phocine distemper virus in seals, east coast, United States, 2006. *Emerging Infectious Diseases*, **2011**, 17, 215-20	10.2	24
54	Seizures in the Mongolian gerbil are related to a deficiency in cerebral glutamine synthetase. *Comparative Biochemistry and Physiology Part C: Comparative Pharmacology*, **1989**, 94, 399-404		23
53	The common vaginal commensal bacterium Ureaplasma parvum is associated with chorioamnionitis in extreme preterm labor. *Journal of Maternal-Fetal and Neonatal Medicine*, **2016**, 29, 3646-51	2	22
52	Approaches in the understanding of morbillivirus neurovirulence. *Journal of NeuroVirology*, **2002**, 8 Suppl 2, 85-90	3.9	22
51	Measles virus infection of cerebral endothelial cells and effect on their adhesive properties. *Veterinary Microbiology*, **1995**, 44, 135-9	3.3	22
50	Use of SLAM and PVRL4 and identification of pro-HB-EGF as cell entry receptors for wild type phocine distemper virus. *PLoS ONE*, **2014**, 9, e106281	3.7	21
49	Comparative evaluation of measles virus-specific RT-PCR methods through an international collaborative study. *Journal of Medical Virology*, **2003**, 70, 171-6	19.7	21
48	Humoral immune responses in seals infected by phocine distemper virus. *Research in Veterinary Science*, **1990**, 49, 114-116	2.5	20
47	Use of immunocytochemistry and biotinylated in situ hybridisation for detecting measles virus in central nervous system tissue. *Journal of Clinical Pathology*, **1990**, 43, 329-33	3.9	20
46	Salt-dependent haemagglutinating measles virus in S.S.P.E. *Journal of General Virology*, **1976**, 33, 139-42	4.9	20

45	Tear Fluid SIgA as a Noninvasive Biomarker of Mucosal Immunity and Common Cold Risk. *Medicine and Science in Sports and Exercise*, **2016**, 48, 569-77	1.2	19
44	Transcriptional upregulation of SOCS 1 and suppressors of cytokine signaling 3 mRNA in the absence of suppressors of cytokine signaling 2 mRNA after infection with West Nile virus or tick-borne encephalitis virus. *Vector-Borne and Zoonotic Diseases*, **2010**, 10, 649-53	2.4	19
43	Sildenafil citrate (Viagra) impairs fertilization and early embryo development in mice. *Fertility and Sterility*, **2009**, 91, 893-9	4.8	19
42	Measles virus superinfection immunity and receptor redistribution in persistently infected NT2 cells. *Journal of General Virology*, **2005**, 86, 2291-2303	4.9	19
41	Pathobiology of rabies virus and the European bat lyssaviruses in experimentally infected mice. *Virus Research*, **2013**, 172, 46-53	6.4	18
40	Mutations in the H, F, or M Proteins Can Facilitate Resistance of Measles Virus to Neutralizing Human Anti-MV Sera. *Advances in Virology*, **2014**, 2014, 205617	1.9	18
39	Measles virus and classical Hodgkin lymphoma: no evidence for a direct association. *International Journal of Cancer*, **2007**, 121, 442-7	7.5	18
38	Rinderpest and peste des petits ruminants viruses exhibit neurovirulence in mice. *Journal of NeuroVirology*, **2002**, 8, 45-52	3.9	18
37	The isolation of large and small plaque canine distemper viruses which differ in their neurovirulence for hamsters. *Journal of General Virology*, **1981**, 52, 345-53	4.9	17
36	Experimental challenge with bovine respiratory syncytial virus in dairy calves: bronchial lymph node transcriptome response. *Scientific Reports*, **2019**, 9, 14736	4.9	16
35	Wild-type measles virus infection upregulates poliovirus receptor-related 4 and causes apoptosis in brain endothelial cells by induction of tumor necrosis factor-related apoptosis-inducing ligand. *Journal of Neuropathology and Experimental Neurology*, **2013**, 72, 681-96	3.1	16
34	Advantages of using recombinant measles viruses expressing a fluorescent reporter gene with vibratome slice technology in experimental measles neuropathogenesis. *Neuropathology and Applied Neurobiology*, **2008**, 34, 424-34	5.2	16
33	Adrenomedullin gene delivery is cardio-protective in a model of chronic nitric oxide deficiency combining pressure overload, oxidative stress and cardiomyocyte hypertrophy. *Cellular Physiology and Biochemistry*, **2010**, 26, 383-94	3.9	15
32	Inhibition of host peripheral blood mononuclear cell proliferation ex vivo by Rinderpest virus. *Journal of General Virology*, **2005**, 86, 3349-3355	4.9	15
31	Leukaemia inhibitory factor mRNA is expressed in the brains of patients with subacute sclerosing panencephalitis. *Journal of Neuroimmunology*, **1997**, 77, 57-62	3.5	14
30	TRPA1 activation in a human sensory neuronal model: relevance to cough hypersensitivity?. *European Respiratory Journal*, **2017**, 50,	13.6	13
29	Morbillivirus cross-species infection: is there a risk for humans?. *Future Virology*, **2012**, 7, 1103-1113	2.4	12
28	Failure to Detect Measles Virus Rna, by Reverse Transcription-Polymerase Chain Reaction, in Peripheral Blood Leucocytes of Patients with Multiple Sclerosis. *Multiple Sclerosis Journal*, **1996**, 1, 204-206	5	10

27	Colocalisation of human immunodeficiency virus and human cytomegalovirus infection in brain autopsy tissue from AIDS patients. *Irish Journal of Medical Science*, **1996**, 165, 133-8	1.9	10
26	Case report: An autopsy-proven case of fulminant subacute sclerosing panencephalitis. *Neuropathology and Applied Neurobiology*, **2003**, 29, 312-6	5.2	8
25	An immunological study of infection of hamsters with large and small plaque canine distemper viruses. *Archives of Virology*, **1983**, 76, 201-10	2.6	8
24	Persistent measles virus infection of mouse neural cells lacking known human entry receptors. *Neuropathology and Applied Neurobiology*, **2009**, 35, 473-86	5.2	6
23	Measles vaccination: Threat from related veterinary viruses and need for continued vaccination post measles eradication. *Human Vaccines and Immunotherapeutics*, **2018**, 14, 229-233	4.4	6
22	Canine and Phocine Distemper Viruses: Global Spread and Genetic Basis of Jumping Species Barriers. *Viruses*, **2019**, 11,	6.2	5
21	Quantitative deficiency of monocyte-specific esterase (MSE) mRNA in monocyte esterase deficiency (MED). *British Journal of Haematology*, **2000**, 110, 699-703	4.5	4
20	Comparison of reporter molecules for viral in situ hybridization. *Journal of Virological Methods*, **1991**, 31, 1-9	2.6	4
19	Neuropathology and neurovirulence of canine distemper virus plaque isolates in the hamster. *Neuropathology and Applied Neurobiology*, **1987**, 13, 349-69	5.2	4
18	The generation of small-plaque mutants during undiluted passage of canine distemper virus. *Intervirology*, **1985**, 23, 157-66	2.5	4
17	Humoral immune responses in seals infected by phocine distemper virus. *Research in Veterinary Science*, **1990**, 49, 114-6	2.5	4
16	The Bacterial and Viral Agents of BRDC: Immune Evasion and Vaccine Developments. *Vaccines*, **2021**, 9,	5.3	4
15	S123 The effect of rhinovirus infection on cough receptors on human sensory nerve and human primary bronchial epithelial cells. *Thorax*, **2011**, 66, A57-A57	7.3	3
14	Antibodies to simian virus 5 in patients with multiple sclerosis and other neurological disorders. *Journal of the Neurological Sciences*, **1989**, 89, 181-7	3.2	3
13	Is an improved measles-mumps-rubella vaccine necessary or feasible?. *Critical Reviews in Immunology*, **2003**, 23, 323-38	1.8	3
12	Apoptosis in measles virus-infected human central nervous system tissues. *Neuropathology and Applied Neurobiology*, **1997**, 23, 218-224	5.2	3
11	Messenger RNA biomarkers of Bovine Respiratory Syncytial Virus infection in the whole blood of dairy calves. *Scientific Reports*, **2021**, 11, 9392	4.9	3
10	ATAC-Seq identifies regions of open chromatin in the bronchial lymph nodes of dairy calves experimentally challenged with bovine respiratory syncytial virus. *BMC Genomics*, **2021**, 22, 14	4.5	3

9	A simple method for the removal of mycoplasma contamination from paramyxovirus stocks. *Journal of Virological Methods*, **1983**, 6, 127-34	2.6	2
8	Virus susceptibility of mouse hemopoietic cells in vitro: inhibition of granulocyte-macrophage precursor cells by Newcastle disease virus. *Infection and Immunity*, **1975**, 11, 424-8	3.7	2
7	S88 The viral mimic polyinosinic: polycytidylic acid (Poly I:C) induces TRPA1 channel hyper-responsiveness in an adult human stem cell-derived sensory neuronal model. *Thorax*, **2015**, 70, A50.2-A51	7.3	1
6	CNS Infections **2014**, 151-184		1
5	The neurovirulence of large- and small-plaque canine-distemper viruses for hamsters. *Biochemical Society Transactions*, **1980**, 8, 428-9	5.1	1
4	Immunology of rinderpest an immunosuppression but a lifelong vaccine protection **2006**, 196-XI		1
3	Elucidation of the Host Bronchial Lymph Node miRNA Transcriptome Response to Bovine Respiratory Syncytial Virus. *Frontiers in Genetics*, **2021**, 12, 633125	4.5	1
2	Diagnosis of sheep fasciolosis caused by Fasciola hepatica using cathepsin L enzyme-linked immunosorbent assays (ELISA). *Veterinary Parasitology*, **2021**, 298, 109517	2.8	1
1	Small Non-coding RNA Expression Following Respiratory Syncytial Virus or Measles Virus Infection of Neuronal Cells. *Frontiers in Microbiology*, **2021**, 12, 671852	5.7	