Veronika von Messling

List of Publications by Year
in descending order

49 papers	2,623 citations	236833 25 h-index	206029 48 g-index
50 all docs	50 docs citations	50 times ranked	2483 citing authors

#	Article	IF	Citations
1	Adherens junction protein nectin-4 is the epithelial receptor for measles virus. Nature, 2011, 480, 530-533.	13.7	504
2	A Ferret Model of Canine Distemper Virus Virulence and Immunosuppression. Journal of Virology, 2003, 77, 12579-12591.	1.5	176
3	Tropism illuminated: Lymphocyte-based pathways blazed by lethal morbillivirus through the host immune system. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14216-14221.	3.3	176
4	The Hemagglutinin of Canine Distemper Virus Determines Tropism and Cytopathogenicity. Journal of Virology, 2001, 75, 6418-6427.	1.5	163
5	Tyrosine 110 in the measles virus phosphoprotein is required to block STAT1 phosphorylation. Virology, 2007, 360, 72-83.	1.1	157
6	Receptor (SLAM [CD150]) Recognition and the V Protein Sustain Swift Lymphocyte-Based Invasion of Mucosal Tissue and Lymphatic Organs by a Morbillivirus. Journal of Virology, 2006, 80, 6084-6092.	1.5	136
7	Incomplete genetic reconstitution of B cell pools contributes to prolonged immunosuppression after measles. Science Immunology, 2019, 4, .	5.6	98
8	In vitro Canine Distemper Virus Infection of Canine Lymphoid Cells: A Prelude to Oncolytic Therapy for Lymphoma. Clinical Cancer Research, 2005, 11, 1579-1587.	3.2	80
9	Nearby Clusters of Hemagglutinin Residues Sustain SLAM-Dependent Canine Distemper Virus Entry in Peripheral Blood Mononuclear Cells. Journal of Virology, 2005, 79, 5857-5862.	1.5	65
10	Novel Furin Inhibitors with Potent Antiâ€infectious Activity. ChemMedChem, 2015, 10, 1218-1231.	1.6	64
11	Canine Distemper Virus Epithelial Cell Infection Is Required for Clinical Disease but Not for Immunosuppression. Journal of Virology, 2012, 86, 3658-3666.	1.5	59
12	An Orally Available, Small-Molecule Polymerase Inhibitor Shows Efficacy Against a Lethal Morbillivirus Infection in a Large Animal Model. Science Translational Medicine, 2014, 6, 232ra52.	5.8	52
13	Nectin-4-Dependent Measles Virus Spread to the Cynomolgus Monkey Tracheal Epithelium: Role of Infected Immune Cells Infiltrating the Lamina Propria. Journal of Virology, 2013, 87, 2526-2534.	1.5	50
14	Canine Distemper Viruses Expressing a Hemagglutinin without N-Glycans Lose Virulence but Retain Immunosuppression. Journal of Virology, 2010, 84, 2753-2761.	1.5	49
15	Rapid and Sensitive Detection of Immunoglobulin M (IgM) and IgG Antibodies against Canine Distemper Virus by a New Recombinant Nucleocapsid Protein-Based Enzyme-Linked Immunosorbent Assay. Journal of Clinical Microbiology, 1999, 37, 1049-1056.	1.8	43
16	Region between the Canine Distemper Virus M and F Genes Modulates Virulence by Controlling Fusion Protein Expression. Journal of Virology, 2008, 82, 10510-10518.	1.5	42
17	Amino-Terminal Precursor Sequence Modulates Canine Distemper Virus Fusion Protein Function. Journal of Virology, 2002, 76, 4172-4180.	1.5	41
18	Canine Distemper Virus Infection Requires Cholesterol in the Viral Envelope. Journal of Virology, 2007, 81, 4158-4165.	1.5	41

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19	Virulence differences of closely related pandemic 2009 H1N1 isolates correlate with increased inflammatory responses in ferrets. Virology, 2012, 422, 125-131.	1.1	38
20	N-Linked Glycans with Similar Location in the Fusion Protein Head Modulate Paramyxovirus Fusion. Journal of Virology, 2003, 77, 10202-10212.	1.5	36
21	Cross-neutralisation of viruses of the tick-borne encephalitis complex following tick-borne encephalitis vaccination and/or infection. Npj Vaccines, 2017, 2, 5.	2.9	36
22	Morbillivirus Control of the Interferon Response: Relevance of STAT2 and mda5 but Not STAT1 for Canine Distemper Virus Virulence in Ferrets. Journal of Virology, 2014, 88, 2941-2950.	1.5	34
23	Morbillivirus Experimental Animal Models: Measles Virus Pathogenesis Insights from Canine Distemper Virus. Viruses, 2016, 8, 274.	1.5	34
24	Nipah Virus Matrix Protein Influences Fusogenicity and Is Essential for Particle Infectivity and Stability. Journal of Virology, 2016, 90, 2514-2522.	1.5	34
25	High definition viral vaccine strain identity and stability testing using full-genome population data â€“ The next generation of vaccine quality control. Vaccine, 2015, 33, 5829-5837.	1.7	32
26	Canine Distemper Virus Spread and Transmission to Naive Ferrets: Selective Pressure on Signaling Lymphocyte Activation Molecule-Dependent Entry. Journal of Virology, 2018, 92, .	1.5	27
27	Neuraminidase-Inhibiting Antibody Titers Correlate with Protection from Heterologous Influenza Virus Strains of the Same Neuraminidase Subtype. Journal of Virology, 2018, 92, .	1.5	27
28	Inactivated Recombinant Rabies Viruses Displaying Canine Distemper Virus Glycoproteins Induce Protective Immunity against Both Pathogens. Journal of Virology, 2017, 91, .	1.5	25
29	Nectin-4 Interactions Govern Measles Virus Virulence in a New Model of Pathogenesis, the Squirrel Monkey (Saimiri sciureus). Journal of Virology, 2017, 91, .	1.5	25
30	Canine Distemper Virus and Measles Virus Fusion Glycoprotein Trimers: Partial Membrane-Proximal Ectodomain Cleavage Enhances Function. Journal of Virology, 2004, 78, 7894-7903.	1.5	24
31	Comparative Loss-of-Function Screens Reveal ABCE1 as an Essential Cellular Host Factor for Efficient Translation of <i>Paramyxoviridae</i> and <i>Pneumoviridae</i>. MBio, 2019, 10, .	1.8	24
32	Adenoâ€associated virusâ€vectored influenza vaccine elicits neutralizing and FcÎ³ receptorâ€activating antibodies. EMBO Molecular Medicine, 2020, 12, e10938.	3.3	24
33	The Unstructured Paramyxovirus Nucleocapsid Protein Tail Domain Modulates Viral Pathogenesis through Regulation of Transcriptase Activity. Journal of Virology, 2018, 92, .	1.5	23
34	Zika virus infection elicits auto-antibodies to C1q. Scientific Reports, 2018, 8, 1882.	1.6	21
35	Identification and in vivo Efficacy Assessment of Approved Orally Bioavailable Human Host Protein-Targeting Drugs With Broad Anti-influenza A Activity. Frontiers in Immunology, 2019, 10, 1097.	2.2	21
36	Adjuvant formulated virus-like particles expressing native-like forms of the Lassa virus envelope surface glycoprotein are immunogenic and induce antibodies with broadly neutralizing activity. Npj Vaccines, 2020, 5, 71.	2.9	21

#	Article	IF	Citations
37	Canine Distemper Virus Selectively Inhibits Apoptosis Progression in Infected Immune Cells. Journal of Virology, 2009, 83, 6279-6287.	1.5	19
38	Morbillivirus Pathogenesis and Virusâ€“Host Interactions. Advances in Virus Research, 2018, 100, 75-98.	0.9	19
39	The rapid progress in COVID vaccine development and implementation. Npj Vaccines, 2022, 7, 20.	2.9	15
40	Avian Influenza A Virus Infects Swine Airway Epithelial Cells without Prior Adaptation. Viruses, 2020, 12, 589.	1.5	12
41	Morbillivirus and henipavirus attachment protein cytoplasmic domains differently affect protein expression, fusion support and particle assembly. Journal of General Virology, 2016, 97, 1066-1076.	1.3	11
42	Generation of therapeutic antisera for emerging viral infections. Npj Vaccines, 2018, 3, 42.	2.9	10
43	Adjuvanted influenza vaccine dynamics. Scientific Reports, 2019, 9, 73.	1.6	6
44	Utilising animal models to evaluate oseltamivir efficacyÂagainst influenza A and B viruses with reduced in vitroÂsusceptibility. PLoS Pathogens, 2020, 16, e1008592.	2.1	6
45	Small-molecule polymerase inhibitor protects non-human primates from measles and reduces shedding. Nature Communications, 2021, 12, 5233.	5.8	6
46	Overcoming the Barrier of the Respiratory Epithelium during Canine Distemper Virus Infection. MBio, 2022, 13, e0304321.	1.8	6
47	Squalene-containing licensed adjuvants enhance strain-specific antibody responses against the influenza hemagglutinin and induce subtype-specific antibodies against the neuraminidase. Vaccine, 2016, 34, 5329-5335.	1.7	5
48	Systemic inflammation, innate immunity and pathogenesis after Zika virus infection in cynomolgus macaques are modulated by strain-specificity within the Asian lineage. Emerging Microbes and Infections, 2021, 10, 1457-1470.	3.0	4
49	L'Ã©tude de la maladie de CarrÃ© chez ses hÃ´tes naturelsÂ: un modÃ¨le de pathogenÃ¨se morbillivirale. Virologie, 2012, 16, 158-167.	0.1	0