

Tatiana Betakova

List of Publications by Year in descending order

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43
papers

930
citations

394421

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477307

29
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43
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43
docs citations

43
times ranked

1312
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokines Induced During Influenza Virus Infection. <i>Current Pharmaceutical Design</i> , 2017, 23, 2616-2622.	1.9	97
2	Differences in conductance of M2 proton channels of two influenza viruses at low and high pH. <i>Journal of Physiology</i> , 2003, 546, 427-438.	2.9	73
3	Regulation of Vaccinia Virus Morphogenesis: Phosphorylation of the A14L and A17L Membrane Proteins and C-Terminal Truncation of the A17L Protein Are Dependent on the F10L Kinase. <i>Journal of Virology</i> , 1999, 73, 3534-3543.	3.4	73
4	The NB protein is an integral component of the membrane of influenza B virus. <i>Journal of General Virology</i> , 1996, 77, 2689-2694.	2.9	66
5	The Vaccinia Virus A14.5L Gene Encodes a Hydrophobic 53-Amino-Acid Virion Membrane Protein That Enhances Virulence in Mice and Is Conserved among Vertebrate Poxviruses. <i>Journal of Virology</i> , 2000, 74, 4085-4092.	3.4	44
6	Preparation of monoclonal antibodies for the diagnosis of influenza A infection using different immunization protocols. <i>Journal of Immunological Methods</i> , 1995, 180, 107-116.	1.4	41
7	Influence of residue 44 on the activity of the M2 proton channel of influenza A virus. <i>Journal of General Virology</i> , 2005, 86, 181-184.	2.9	40
8	Interferons lambda, new cytokines with antiviral activity. <i>Acta Virologica</i> , 2013, 57, 171-179.	0.8	40
9	M2 Protein-A Proton Channel of Influenza A Virus. <i>Current Pharmaceutical Design</i> , 2007, 13, 3231-3235.	1.9	39
10	Associations Between Coinfection Prevalence of <i>Borrelia lusitaniae</i> , <i>Anaplasma</i> sp., and <i>Rickettsia</i> sp. in Hard Ticks Feeding on Reptile Hosts. <i>Microbial Ecology</i> , 2011, 61, 245-253.	2.8	31
11	Overview of measles and mumps vaccine: origin, present, and future of vaccine production. <i>Acta Virologica</i> , 2013, 57, 91-96.	0.8	28
12	Membrane Topology of the Vaccinia Virus A17L Envelope Protein. <i>Virology</i> , 1999, 261, 347-356.	2.4	25
13	Monoclonal antibodies demonstrate accessible HA2 epitopes in minor subpopulation of native influenza virus haemagglutinin molecules. <i>Archives of Virology</i> , 1993, 130, 45-56.	2.1	23
14	Using nested RT-PCR analyses to determine the prevalence of avian influenza viruses in passerines in western Slovakia, during summer 2007. <i>Scandinavian Journal of Infectious Diseases</i> , 2008, 40, 954-957.	1.5	22
15	Disulfide Bonds and Membrane Topology of the Vaccinia Virus A17L Envelope Protein. <i>Journal of Virology</i> , 2000, 74, 2438-2442.	3.4	21
16	T cells and their function in the immune response to viruses. <i>Acta Virologica</i> , 2020, 64, 131-143.	0.8	21
17	Evidence that the CM2 protein of influenza C virus can modify the pH of the exocytic pathway of transfected cells. <i>Journal of General Virology</i> , 2007, 88, 2291-2296.	2.9	20
18	Role and application of RNA interference in replication of influenza viruses. <i>Acta Virologica</i> , 2013, 57, 97-104.	0.8	19

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19	The strong positive correlation between effective affinity and infectivity neutralization of highly cross-reactive monoclonal antibody IIB4, which recognizes antigenic site B on influenza A virus haemagglutinin. <i>Microbiology (United Kingdom)</i> , 2000, 81, 1727-1735.	1.8	19
20	Influenza A virus replication is inhibited in IFN- β and IFN- γ transfected or stimulated cells. <i>Antiviral Research</i> , 2010, 88, 329-333.	4.1	18
21	Prevalence of avian influenza viruses, <i>Borrelia garinii</i> , <i>Mycobacterium avium</i> , and <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in waterfowl and terrestrial birds in Slovakia, 2006. <i>Avian Pathology</i> , 2008, 37, 537-543.	2.0	16
22	Molecular Detection of Murine Herpesvirus 68 in Ticks Feeding on Free-living Reptiles. <i>Microbial Ecology</i> , 2011, 62, 862-7.	2.8	16
23	Pandemics of the 21st Century: The Risk Factor for Obese People. <i>Viruses</i> , 2022, 14, 25.	3.3	16
24	Determination of hemagglutinin and neuraminidase subtypes of avian influenza A viruses in urban pigeons by a new nested RT-PCR. <i>Acta Virologica</i> , 2009, 53, 213-216.	0.8	12
25	Detection of <i>Borrelia burgdorferi</i> sensu lato and <i>Chlamydia psittaci</i> in throat and cloacal swabs from birds migrating through Slovakia. <i>Folia Microbiologica</i> , 2006, 51, 653-658.	2.3	10
26	Reconstitution of carbonic anhydrase activity of the cell-surface-binding protein of vaccinia virus. <i>Biochemical Journal</i> , 2007, 407, 61-67.	3.7	10
27	Antiviral Effect of Interferon Lambda Against Lymphocytic Choriomeningitis Virus. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 540-553.	1.2	10
28	Comparison of cytokine profiles induced by nonlethal and lethal doses of influenza A virus in mice. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 4397-4405.	1.8	10
29	Nest ecology of blood parasites in the European roller and its ectoparasitic carnid fly. <i>Experimental Parasitology</i> , 2016, 165, 71-80.	1.2	9
30	Protective efficacy of IFN- α AND IFN- γ s against influenza viruses in induced A549 cells. <i>Acta Virologica</i> , 2015, 59, 413-417.	0.8	8
31	Comparison of the activities of BM2 protein and its H19 and W23 mutants of influenza B virus with activities of M2 protein and its H37 and W41 mutants of influenza A virus. <i>Archives of Virology</i> , 2009, 154, 1619-1624.	2.1	7
32	Murine Gammaherpesvirus (MHV-68) Transforms Cultured Cells in vitro. <i>Intervirology</i> , 2015, 58, 69-72.	2.8	7
33	Synergic and antagonistic effect of small hairpin RNAs targeting the NS gene of the influenza A virus in cells and mice. <i>Virus Research</i> , 2015, 195, 100-111.	2.2	7
34	Stability and function of the influenza A virus M2 ion channel protein is determined by both extracellular and cytoplasmic domains. <i>Archives of Virology</i> , 2009, 154, 147-151.	2.1	6
35	Conserved methionine 165 of matrix protein contributes to the nuclear import and is essential for influenza A virus replication. <i>Virology Journal</i> , 2018, 15, 187.	3.4	6
36	Influenza A virus lacking the effector and C terminal domains of NS1 protein induces cytokines associated with high pathogenicity in mice. <i>Acta Virologica</i> , 2020, 64, 78-87.	0.8	6

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37	Prevalence of avian influenza viruses, Mycobacterium avium, and Mycobacterium avium, subsp. paratuberculosis in marsh-dwelling passerines in Slovakia, 2008. <i>Biologia (Poland)</i> , 2011, 66, 282-287.	1.5	5
38	Comparison of transcriptional profiles of interferons, CXCL10 and RIG-1 in influenza infected A549 cells stimulated with exogenous interferons. <i>Acta Virologica</i> , 2017, 61, 183-190.	0.8	3
39	Chemokine-binding proteins encoded by herpesviruses. <i>Acta Virologica</i> , 2020, 64, 233-244.	0.8	2
40	The tryptophan 41 is not essential for the function of the M2 proton channel of influenza A virus. <i>International Congress Series</i> , 2004, 1263, 777-780.	0.2	1
41	Human immunodeficiency virus 1 Vpu protein does not affect the conversion of Influenza A virus hemagglutinin to its low-pH conformation in an acidic trans-Golgi compartment. <i>Acta Virologica</i> , 2010, 54, 197-203.	0.8	1
42	Transforming Activity of Murine Herpesvirus 68 Putative Growth Factor Is Related to the Ability to Change Cytoskeletal Structure. <i>Intervirology</i> , 2016, 59, 137-142.	2.8	1
43	Induction of interferon lambda in influenza A virus infected cells treated with shRNAs against M1 transcript. <i>Acta Virologica</i> , 2015, 59, 148-155.	0.8	1