

Sergey N Shchelkunov

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.

51
papers

1,639
citations

23
h-index

40
g-index

59
ext. papers

2,013
ext. citations

4.4
avg, IF

4.63
L-index

#	Paper	IF	Citations
51	Assessing immunogenicity and protectiveness of the vaccinia virus L1VP-GFP in three laboratory animal models. <i>Russian Journal of Infection and Immunity</i> , 2022 , 11, 1167-1172	0.4	1
50	Increasing protectivity of the smallpox vaccine. <i>Medical Immunology (Russia)</i> , 2022 , 24, 201-206	0.5	0
49	Route-coupled pathogenicity and immunogenicity of vaccinia virus variant inoculated mice. <i>Russian Journal of Infection and Immunity</i> , 2021 , 11, 357-364	0.4	1
48	Adaptive Immune Response to Vaccinia Virus L1VP Infection of BALB/c Mice and Protection against Lethal Reinfection with Cowpox Virus. <i>Viruses</i> , 2021 , 13,	6.2	1
47	Genes that Control Vaccinia Virus Immunogenicity. <i>Acta Naturae</i> , 2020 , 12, 33-41	2.1	6
46	Effect of the Route of Administration of the Vaccinia Virus Strain L1VP to Mice on Its Virulence and Immunogenicity. <i>Viruses</i> , 2020 , 12,	6.2	3
45	Anti-inflammatory Effects of Variola Virus TNF Decoy Receptor in an Experimental Model of Contact Dermatitis. <i>Current Pharmaceutical Biotechnology</i> , 2018 , 19, 910-916	2.6	1
44	Are We Prepared in Case of a Possible Smallpox-Like Disease Emergence?. <i>Viruses</i> , 2017 , 9,	6.2	8
43	Species-specific differentiation of variola, monkeypox, and varicella-zoster viruses by multiplex real-time PCR assay. <i>Journal of Virological Methods</i> , 2016 , 236, 215-220	2.6	16
42	Immunomodulating Drugs Based on Poxviral Proteins. <i>BioDrugs</i> , 2016 , 30, 9-16	7.9	3
41	Oncolytic virus efficiency inhibited growth of tumour cells with multiple drug resistant phenotype in vivo and in vitro. <i>Journal of Translational Medicine</i> , 2016 , 14, 241	8.5	8
40	Real-time PCR assay for specific detection of cowpox virus. <i>Journal of Virological Methods</i> , 2015 , 211, 8-11	2.6	8
39	TNF binding protein of variola virus acts as a TNF antagonist at epicutaneous application. <i>Current Pharmaceutical Biotechnology</i> , 2015 , 16, 72-6	2.6	3
38	Exploring interaction of TNF and orthopoxviral CrmB protein by surface plasmon resonance and free energy calculation. <i>Protein and Peptide Letters</i> , 2014 , 21, 1273-81	1.9	3
37	Immunogenicity and Protective Efficacy of a Polyvalent DNA Vaccine against Human Orthopoxvirus Infections Based on Smallpox Virus Genes 2013 , 2013, 1-8		0
36	An increasing danger of zoonotic orthopoxvirus infections. <i>PLoS Pathogens</i> , 2013 , 9, e1003756	7.6	114
35	Orthopoxvirus genes that mediate disease virulence and host tropism. <i>Advances in Virology</i> , 2012 , 2012, 524743	1.9	20

34	Emergence and reemergence of smallpox: the need for development of a new generation smallpox vaccine. <i>Vaccine</i> , 2011 , 29 Suppl 4, D49-53	4.1	35
33	Species-specific identification of variola, monkeypox, cowpox, and vaccinia viruses by multiplex real-time PCR assay. <i>Journal of Virological Methods</i> , 2011 , 175, 163-9	2.6	34
32	Plant-based hepatitis B vaccines 2011 , 94-103		
31	Plant-based vaccines against human hepatitis B virus. <i>Expert Review of Vaccines</i> , 2010 , 9, 947-55	5.2	7
30	Development of real-time PCR assay for specific detection of cowpox virus. <i>Journal of Clinical Virology</i> , 2010 , 49, 37-40	14.5	10
29	Interaction of orthopoxviruses with the cellular ubiquitin-ligase system. <i>Virus Genes</i> , 2010 , 41, 309-18	2.3	16
28	SECRET domain of variola virus CrmB protein can be a member of poxviral type II chemokine-binding proteins family. <i>BMC Research Notes</i> , 2010 , 3, 271	2.3	13
27	How long ago did smallpox virus emerge?. <i>Archives of Virology</i> , 2009 , 154, 1865-71	2.6	36
26	Microarray assay for detection and discrimination of Orthopoxvirus species. <i>Journal of Medical Virology</i> , 2006 , 78, 1325-40	19.7	23
25	Properties of the recombinant TNF-binding proteins from variola, monkeypox, and cowpox viruses are different. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006 , 1764, 1710-8	4	31
24	Immunogenicity of a novel, bivalent, plant-based oral vaccine against hepatitis B and human immunodeficiency viruses. <i>Biotechnology Letters</i> , 2006 , 28, 959-67	3	61
23	Variola and camelpox virus-specific sequences are part of a single large open reading frame identified in two German cowpox virus strains. <i>Virus Research</i> , 2005 , 108, 39-43	6.4	9
22	Real-time PCR system for detection of orthopoxviruses and simultaneous identification of smallpox virus. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 1940-6	9.7	102
21	Genetic characterization of the M RNA segment of Crimean-Congo hemorrhagic fever virus strains isolated in Russia and Tajikistan. <i>Virus Genes</i> , 2004 , 28, 187-93	2.3	18
20	Detection and discrimination of orthopoxviruses using microarrays of immobilized oligonucleotides. <i>Journal of Virological Methods</i> , 2003 , 112, 67-78	2.6	64
19	Species-specific differences in organization of orthopoxvirus kelch-like proteins. <i>Virus Genes</i> , 2002 , 24, 157-62	2.3	24
18	Species-level identification of orthopoxviruses with an oligonucleotide microchip. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 753-7	9.7	57
17	Species-specific differences in the structure of orthopoxvirus complement-binding protein. <i>Virus Research</i> , 2001 , 81, 39-45	6.4	24

16	Human monkeypox and smallpox viruses: genomic comparison. <i>FEBS Letters</i> , 2001 , 509, 66-70	3.8	100
15	Conserved surface-exposed K/R-X-K/R motifs and net positive charge on poxvirus complement control proteins serve as putative heparin binding sites and contribute to inhibition of molecular interactions with human endothelial cells: a novel mechanism for evasion of host defense. <i>Journal of Virology</i> , 2000 , 74, 5659-66	6.6	88
14	Alastrim smallpox variola minor virus genome DNA sequences. <i>Virology</i> , 2000 , 266, 361-86	3.6	84
13	The genomic sequence analysis of the left and right species-specific terminal region of a cowpox virus strain reveals unique sequences and a cluster of intact ORFs for immunomodulatory and host range proteins. <i>Virology</i> , 1998 , 243, 432-60	3.6	139
12	Molecular mimicry of the inflammation modulatory proteins (IMPs) of poxviruses: evasion of the inflammatory response to preserve viral habitat. <i>Journal of Leukocyte Biology</i> , 1998 , 64, 68-71	6.5	26
11	The cowpox virus-encoded homolog of the vaccinia virus complement control protein is an inflammation modulatory protein. <i>Virology</i> , 1997 , 229, 126-33	3.6	80
10	Analysis of the nucleotide sequence of 23.8 kbp from the left terminus of the genome of variola major virus strain India-1967. <i>Virus Research</i> , 1996 , 40, 169-83	6.4	17
9	Comparative studies of gamma-interferon receptor-like proteins of variola major and variola minor viruses. <i>FEBS Letters</i> , 1996 , 382, 79-83	3.8	15
8	Terminal region sequence variations in variola virus DNA. <i>Virology</i> , 1996 , 221, 291-300	3.6	33
7	Functional organization of variola major and vaccinia virus genomes. <i>Virus Genes</i> , 1995 , 10, 53-71	2.3	33
6	Comparison of the genome DNA sequences of Bangladesh-1975 and India-1967 variola viruses. <i>Virus Research</i> , 1995 , 36, 107-18	6.4	81
5	The gene encoding the late nonstructural 36K protein of vaccinia virus is essential for virus reproduction. <i>Virus Research</i> , 1993 , 28, 273-83	6.4	6
4	Analysis of the nucleotide sequence of a 43 kbp segment of the genome of variola virus India-1967 strain. <i>Virus Research</i> , 1993 , 30, 239-58	6.4	12
3	Genes of variola and vaccinia viruses necessary to overcome the host protective mechanisms. <i>FEBS Letters</i> , 1993 , 319, 80-3	3.8	81
2	Ankyrin-like proteins of variola and vaccinia viruses. <i>FEBS Letters</i> , 1993 , 319, 163-5	3.8	35
1	Comparison of the genetic maps of variola and vaccinia viruses. <i>FEBS Letters</i> , 1993 , 327, 321-4	3.8	42