

# Alexander N Lukashev

## List of Publications by Year in descending order

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105  
papers

4,864  
citations

126708

33  
h-index

102304

66  
g-index

108  
all docs

108  
docs citations

108  
times ranked

5916  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bats host major mammalian paramyxoviruses. <i>Nature Communications</i> , 2012, 3, 796.	5.8	546
2	Genomic Characterization of Severe Acute Respiratory Syndrome-Related Coronavirus in European Bats and Classification of Coronaviruses Based on Partial RNA-Dependent RNA Polymerase Gene Sequences. <i>Journal of Virology</i> , 2010, 84, 11336-11349.	1.5	329
3	Bats Worldwide Carry Hepatitis E Virus-Related Viruses That Form a Putative Novel Genus within the Family Hepeviridae. <i>Journal of Virology</i> , 2012, 86, 9134-9147.	1.5	222
4	Evidence for Novel Hepaciviruses in Rodents. <i>PLoS Pathogens</i> , 2013, 9, e1003438.	2.1	187
5	Role of recombination in evolution of enteroviruses. <i>Reviews in Medical Virology</i> , 2005, 15, 157-167.	3.9	176
6	Recombination in circulating Human enterovirus B: independent evolution of structural and non-structural genome regions. <i>Journal of General Virology</i> , 2005, 86, 3281-3290.	1.3	159
7	The role of ticks in the maintenance and transmission of Crimean-Congo hemorrhagic fever virus: A review of published field and laboratory studies. <i>Antiviral Research</i> , 2017, 144, 93-119.	1.9	159
8	Recombination in Circulating Enteroviruses. <i>Journal of Virology</i> , 2003, 77, 10423-10431.	1.5	150
9	Occurrence, function and evolutionary origins of 2A-like™ sequences in virus genomes. <i>Journal of General Virology</i> , 2008, 89, 1036-1042.	1.3	118
10	Causes and Implications of Codon Usage Bias in RNA Viruses. <i>PLoS ONE</i> , 2013, 8, e56642.	1.1	113
11	Epigenetic Changes in the Pathogenesis of Rheumatoid Arthritis. <i>Frontiers in Genetics</i> , 2019, 10, 570.	1.1	109
12	The Association of Recombination Events in the Founding and Emergence of Subgenogroup Evolutionary Lineages of Human Enterovirus 71. <i>Journal of Virology</i> , 2012, 86, 2676-2685.	1.5	107
13	Crimean-Congo haemorrhagic fever virus: sequence analysis of the small RNA segments from a collection of viruses world wide. <i>Virus Research</i> , 2004, 102, 185-189.	1.1	105
14	Recombination among picornaviruses. <i>Reviews in Medical Virology</i> , 2010, 20, 327-337.	3.9	101
15	Evolutionary origins of hepatitis A virus in small mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15190-15195.	3.3	99
16	Viral vectors for gene therapy: Current state and clinical perspectives. <i>Biochemistry (Moscow)</i> , 2016, 81, 700-708.	0.7	99
17	Transmission Networks and Population Turnover of Echovirus 30. <i>Journal of Virology</i> , 2009, 83, 2109-2118.	1.5	96
18	Evolutionary Dynamics and Temporal/Geographical Correlates of Recombination in the Human Enterovirus Echovirus Types 9, 11, and 30. <i>Journal of Virology</i> , 2010, 84, 9292-9300.	1.5	95

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19	Evidence of frequent recombination among human adenoviruses. <i>Journal of General Virology</i> , 2008, 89, 380-388.	1.3	92
20	Computational Analysis of Two Species C Human Adenoviruses Provides Evidence of a Novel Virus. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3482-3490.	1.8	87
21	Gouliako Virus Isolated from West African Mosquitoes Constitutes a Proposed Novel Genus in the Family Bunyaviridae. <i>Journal of Virology</i> , 2011, 85, 9227-9234.	1.5	87
22	Recombination strategies and evolutionary dynamics of the Human enterovirus A global gene pool. <i>Journal of General Virology</i> , 2014, 95, 868-873.	1.3	65
23	Evidence for recombination in Crimean-Congo hemorrhagic fever virus. <i>Journal of General Virology</i> , 2005, 86, 2333-2338.	1.3	59
24	RAD001 (Everolimus) Improves the Efficacy of Replicating Adenoviruses that Target Colon Cancer. <i>Cancer Research</i> , 2005, 65, 6882-6890.	0.4	58
25	Microevolution of tick-borne encephalitis virus in course of host alternation. <i>Virology</i> , 2007, 362, 75-84.	1.1	56
26	Recombination in uveitis-causing enterovirus strains. <i>Journal of General Virology</i> , 2004, 85, 463-470.	1.3	50
27	Aichi Virus Shedding in High Concentrations in Patients with Acute Diarrhea. <i>Emerging Infectious Diseases</i> , 2011, 17, 1544-8.	2.0	47
28	Novel serotypes 105 and 116 are members of distinct subgroups of Human enterovirus C. <i>Journal of General Virology</i> , 2012, 93, 2357-2362.	1.3	45
29	Environmental Surveillance for Poliovirus and Other Enteroviruses: Long-Term Experience in Moscow, Russian Federation, 2004-2017. <i>Viruses</i> , 2019, 11, 424.	1.5	45
30	Transmission patterns of human enterovirus 71 to, from and among European countries, 2003 to 2013. <i>Eurosurveillance</i> , 2015, 20, 30005.	3.9	43
31	Phylogeography of Crimean Congo Hemorrhagic Fever Virus. <i>PLoS ONE</i> , 2016, 11, e0166744.	1.1	42
32	Late Expression of Nitroreductase in an Oncolytic Adenovirus Sensitizes Colon Cancer Cells to the Prodrug CB1954. <i>Human Gene Therapy</i> , 2005, 16, 1473-1483.	1.4	38
33	Analysis of Echovirus 30 Isolates from Russia and New Independent States Revealing Frequent Recombination and Reemergence of Ancient Lineages. <i>Journal of Clinical Microbiology</i> , 2008, 46, 665-670.	1.8	36
34	Genetic Polymorphisms Associated with Rheumatoid Arthritis Development and Antirheumatic Therapy Response. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4911.	1.8	34
35	An enterovirus strain isolated from diabetic child belongs to a genetic subcluster of echovirus 11, but is also neutralised with monotypic antisera to coxsackievirus A9. <i>Journal of General Virology</i> , 2008, 89, 1949-1959.	1.3	31
36	At Least Seven Distinct Rotavirus Genotype Constellations in Bats with Evidence of Reassortment and Zoonotic Transmissions. <i>MBio</i> , 2021, 12, .	1.8	31

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37	Robustness against serum neutralization of a poliovirus type 1 from a lethal epidemic of poliomyelitis in the Republic of Congo in 2010. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12889-12894.	3.3	30
38	First Detection of an Enterovirus C99 in a Captive Chimpanzee with Acute Flaccid Paralysis, from the Tchimpounga Chimpanzee Rehabilitation Center, Republic of Congo. PLoS ONE, 2015, 10, e0136700.	1.1	30
39	Gene Editing by Extracellular Vesicles. International Journal of Molecular Sciences, 2020, 21, 7362.	1.8	30
40	Molecular evolution of types in non-polio enteroviruses. Journal of General Virology, 2017, 98, 2968-2981.	1.3	30
41	Seroepidemiology and Molecular Epidemiology of Enterovirus 71 in Russia. PLoS ONE, 2014, 9, e97404.	1.1	29
42	African Non-Human Primates Host Diverse Enteroviruses. PLoS ONE, 2017, 12, e0169067.	1.1	29
43	Amino Acid Degrading Enzymes and their Application in Cancer Therapy. Current Medicinal Chemistry, 2019, 26, 446-464.	1.2	29
44	Evolutionary Origins of Enteric Hepatitis Viruses. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a031690.	2.9	28
45	Molecular epidemiology and phylogenetics of human enteroviruses: Is there a forest behind the trees?. Reviews in Medical Virology, 2018, 28, e2002.	3.9	28
46	Emerging Concepts and Challenges in Rheumatoid Arthritis Gene Therapy. Biomedicines, 2020, 8, 9.	1.4	28
47	Molecular epidemiology of enteroviruses causing uveitis and multisystem hemorrhagic disease of infants. Virology, 2003, 307, 45-53.	1.1	27
48	Genomic features and evolutionary constraints in Saffold-like cardioviruses. Journal of General Virology, 2010, 91, 1418-1427.	1.3	26
49	Enterovirus A71 Meningoencephalitis Outbreak, Rostov-on-Don, Russia, 2013. Emerging Infectious Diseases, 2015, 21, 1440-1443.	2.0	25
50	Tick-Borne Encephalitis Virus: An Emerging Ancient Zoonosis?. Viruses, 2020, 12, 247.	1.5	24
51	Molecular Characterization of Leishmania RNA virus 2 in Leishmania major from Uzbekistan. Genes, 2019, 10, 830.	1.0	23
52	Enterovirus uveitis. Reviews in Medical Virology, 2004, 14, 241-254.	3.9	22
53	TBEV Subtyping in Terms of Genetic Distance. Viruses, 2020, 12, 1240.	1.5	22
54	Recombination in hepatitis A virus: evidence for reproductive isolation of genotypes. Journal of General Virology, 2011, 92, 860-872.	1.3	22

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55	Advances in Development of Rechargeable Mitochondrial Antioxidants. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 127, 251-265.	0.9	21
56	The phylodynamics of the rabies virus in the Russian Federation. <i>PLoS ONE</i> , 2017, 12, e0171855.	1.1	21
57	Multirecombinant Enterovirus A71 Subgenogroup C1 Isolates Associated with Neurologic Disease, France, 2016–2017. <i>Emerging Infectious Diseases</i> , 2019, 25, 1204-1208.	2.0	20
58	Modular Evolution of Coronavirus Genomes. <i>Viruses</i> , 2021, 13, 1270.	1.5	20
59	Genetic variation and recombination in Aichi virus. <i>Journal of General Virology</i> , 2012, 93, 1226-1235.	1.3	19
60	A Novel Marsupial Hepatitis A Virus Corroborates Complex Evolutionary Patterns Shaping the Genus Hepatovirus. <i>Journal of Virology</i> , 2018, 92, .	1.5	19
61	Molecular epidemiology of echoviruses 11 and 30 in Russia: Different properties of genotypes within an enterovirus serotype. <i>Infection, Genetics and Evolution</i> , 2015, 30, 244-248.	1.0	17
62	Efficacy of Mitochondrial Antioxidant Plastoquinonyl-decyl-triphenylphosphonium Bromide (SkQ1) in the Rat Model of Autoimmune Arthritis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	17
63	Recombination in the rabies virus and other lyssaviruses. <i>Infection, Genetics and Evolution</i> , 2018, 60, 97-102.	1.0	17
64	The First Non-LRV RNA Virus in Leishmania. <i>Viruses</i> , 2020, 12, 168.	1.5	17
65	Highly diversified shrew hepatitis B viruses corroborate ancient origins and divergent infection patterns of mammalian hepadnaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17007-17012.	3.3	16
66	Adenovirus isolation rates in acute flaccid paralysis patients. <i>Journal of Medical Virology</i> , 2012, 84, 75-80.	2.5	15
67	Full genome sequence analysis of parechoviruses from Brazil reveals geographical patterns in the evolution of non-structural genes and intratypic recombination in the capsid region. <i>Journal of General Virology</i> , 2011, 92, 564-571.	1.3	14
68	Close genetic relatedness of picornaviruses from European and Asian bats. <i>Journal of General Virology</i> , 2017, 98, 955-961.	1.3	14
69	Analyses of Leishmania-LRV Co-Phylogenetic Patterns and Evolutionary Variability of Viral Proteins. <i>Viruses</i> , 2021, 13, 2305.	1.5	14
70	A hepatitis B virus causes chronic infections in equids worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	13
71	Phylogenetic and serological characterization of echovirus 11 and echovirus 19 strains causing uveitis. <i>Archives of Virology</i> , 2002, 147, 131-142.	0.9	11
72	Retrospective diagnosis of two rabies cases in humans by high throughput sequencing. <i>Journal of Clinical Virology</i> , 2016, 78, 74-81.	1.6	11

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73	Phylogenetics of Crimean Congo hemorrhagic fever virus in South Russia. <i>Infection, Genetics and Evolution</i> , 2018, 59, 23-27.	1.0	11
74	The Effect of Sample Bias and Experimental Artefacts on the Statistical Phylogenetic Analysis of Picornaviruses. <i>Viruses</i> , 2019, 11, 1032.	1.5	11
75	Development of pan-phlebovirus RT-PCR assay. <i>Journal of Virological Methods</i> , 2016, 232, 29-32.	1.0	10
76	Using Statistical Phylogenetics for Investigation of Enterovirus 71 Genotype A Reintroduction into Circulation. <i>Viruses</i> , 2019, 11, 895.	1.5	10
77	Possible case of trichinellosis associated with beaver ( <i>Castor fiber</i> ) meat. <i>Journal of Helminthology</i> , 2019, 93, 372-374.	0.4	9
78	The European Virus Archive: A new resource for virology research. <i>Antiviral Research</i> , 2012, 95, 167-171.	1.9	8
79	Citizen science initiative points at childhood BCG vaccination as a risk factor for COVID-19. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3114-3119.	1.3	8
80	Enterovirus 71 pathogenicity in monkeys and cotton rats. <i>Archives of Virology</i> , 2014, 159, 1133-1138.	0.9	7
81	Fungal Enzyme L-Lysine $\beta$ -Oxidase Affects the Amino Acid Metabolism in the Brain and Decreases the Polyamine Level. <i>Pharmaceuticals</i> , 2020, 13, 398.	1.7	7
82	Enrichment of Viral Nucleic Acids by Solution Hybrid Selection with Genus Specific Oligonucleotides. <i>Scientific Reports</i> , 2017, 7, 9752.	1.6	6
83	The effects of genetic drift and genomic selection on differentiation and local adaptation of the introduced populations of <i>Aedes albopictus</i> in southern Russia. <i>PeerJ</i> , 2021, 9, e11776.	0.9	6
84	Toxocara prevalence in dogs, cats and the environment in Russia. <i>Advances in Parasitology</i> , 2020, 109, 801-817.	1.4	6
85	Detection of the Invasive Mosquito Species <i>Aedes (Stegomyia) aegypti</i> and <i>Aedes (Hulecoeteomyia) koreicus</i> on the Southern Coast of the Crimean Peninsula. <i>Iranian Journal of Arthropod-borne Diseases</i> , 2020, 14, 270-276.	0.8	6
86	Phlebovirus sequences detected in ticks collected in Russia: Novel phleboviruses, distinguishing criteria and high tick specificity. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104524.	1.0	5
87	Baltic Group Tick-Borne Encephalitis Virus Phylogeography: Systemic Inconsistency Pattern between Genetic and Geographic Distances. <i>Microorganisms</i> , 2020, 8, 1589.	1.6	5
88	Analysis of miRNA Expression in Patients with Rheumatoid Arthritis during Olokizumab Treatment. <i>Journal of Personalized Medicine</i> , 2020, 10, 205.	1.1	5
89	Plasma pharmacokinetics and tissue distribution of L-lysine $\beta$ -oxidase from <i>Trichoderma cf. aureoviride</i> RIFAI VKM F-4268D in mice. <i>Amino Acids</i> , 2021, 53, 111-118.	1.2	5
90	Epizootic of vesicular disease in pigs caused by coxsackievirus B4 in the Soviet Union in 1975. <i>Journal of General Virology</i> , 2016, 97, 49-52.	1.3	5

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91	Genetic characterization of <i>Plasmodium vivax</i> in the Kyrgyz Republic. <i>Infection, Genetics and Evolution</i> , 2018, 66, 262-268.	1.0	4
92	Genetic diversity of Kemerovo virus and phylogenetic relationships within the Great Island virus genetic group. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101333.	1.1	4
93	Independent evolution of tetraloop in enterovirus or1L replicative element and its putative binding partners in virus protein 3C. <i>PeerJ</i> , 2017, 5, e3896.	0.9	4
94	Cases of Acute Flaccid Paralysis Associated with Coxsackievirus A2: Findings of a 20-Year Surveillance in the Russian Federation. <i>Microorganisms</i> , 2022, 10, 112.	1.6	4
95	Fusion of the BCL9 HD2 domain to E1A increases the cytopathic effect of an oncolytic adenovirus that targets colon cancer cells. <i>BMC Cancer</i> , 2006, 6, 236.	1.1	3
96	Antibody titers against vaccine and contemporary wild poliovirus type 1 in children immunized with IPV + OPV and young adults immunized with OPV. <i>Virus Research</i> , 2016, 213, 162-164.	1.1	3
97	Seroprevalence and incidence of human toxocarosis in Russia. <i>Advances in Parasitology</i> , 2020, 109, 419-432.	1.4	3
98	Robust AAV Genotyping Based on Genetic Distances in Rep Gene That Are Maintained by Ubiquitous Recombination. <i>Viruses</i> , 2022, 14, 1038.	1.5	3
99	Complete Genome Sequence of Human Adenovirus 7 Associated with Fatal Adult Pneumonia. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
100	The influence of centrifugation and inoculation time on the number, distribution, and viability of intratubular bacteria and surface biofilm in deciduous and permanent bovine dentin. <i>Archives of Oral Biology</i> , 2020, 114, 104716.	0.8	2
101	Evaluating the Impact of Anthropogenic Factors on the Dissemination of Contemporary Cosmopolitan, Arctic, and Arctic-like Rabies Viruses. <i>Viruses</i> , 2022, 14, 66.	1.5	2
102	Antitumor protein kinase inhibitor imatinib may be regarded as a potential correcting agent for COVID-19 associated pulmonary fibrosis. <i>Uspehi Molekularnoj Onkologii</i> , 2021, 7, 20-28.	0.1	1
103	640. Oncolytic Transcriptionally Retargeted Adenovirus Expressing Nitroreductase in Combination with Antiangiogenic Drug RAD001. <i>Molecular Therapy</i> , 2006, 13, S246.	3.7	0
104	The use of statistical phylogenetics in virology. <i>Russian Journal of Infection and Immunity</i> , 2021, 11, 42-56.	0.2	0
105	Late Expression of Nitroreductase in an Oncolytic Adenovirus Sensitizes Colon Cancer Cells to the Prodrug CB1954. <i>Human Gene Therapy</i> , 2005, .	1.4	0