

Identification of a Novel Polyomavirus from Patients with Infections

PLoS Pathogens

3, e64

DOI: [10.1371/journal.ppat.0030064](https://doi.org/10.1371/journal.ppat.0030064)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Explaining unexplained diarrhea and associating risks and infections. <i>Animal Health Research Reviews</i> , 2007, 8, 69-80.	3.1	22
2	Cytomegalovirus and polyomavirus BK posttransplant. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, viii72-viii82.	0.7	68
3	Human Bocavirus: Multisystem Detection Raises Questions about Infection. <i>Journal of Infectious Diseases</i> , 2007, 196, 968-970.	4.0	28
4	A Novel Virus Detected in Papillomas and Carcinomas of the Endangered Western Barred Bandicoot (<i>Peromyscus</i>) Tj ETQq1 1 0.784314 rgBT /Overl <i>Polyomaviridae</i>. <i>Journal of Virology</i> , 2007, 81, 13280-13290.	3.4	70
5	Newly discovered respiratory viruses: significance and implications. <i>Current Opinion in Pharmacology</i> , 2007, 7, 478-483.	3.5	36
6	Characterisation of a newly identified human rhinovirus, HRV-QPM, discovered in infants with bronchiolitis. <i>Journal of Clinical Virology</i> , 2007, 39, 67-75.	3.1	209
7	Development and evaluation of real-time PCR assays for the detection of the newly identified KI and WU polyomaviruses. <i>Journal of Clinical Virology</i> , 2007, 40, 9-14.	3.1	62
8	Currently used nucleic acid amplification tests for the detection of viruses and atypicals in acute respiratory infections. <i>Journal of Clinical Virology</i> , 2007, 40, 259-276.	3.1	54
9	No evidence for an association between infections with WU and KI polyomaviruses and respiratory disease. <i>Journal of Clinical Virology</i> , 2007, 40, 307-311.	3.1	115
10	Polyomaviruses of Birds: Etiologic Agents of Inflammatory Diseases in a Tumor Virus Family. <i>Journal of Virology</i> , 2007, 81, 11554-11559.	3.4	65
11	WU Polyomavirus in Children with Acute Lower Respiratory Tract Infections, South Korea. <i>Emerging Infectious Diseases</i> , 2007, 13, 1766-1768.	4.3	76
12	WU Polyomavirus in Children, Canada. <i>Emerging Infectious Diseases</i> , 2007, 13, 1939-1941.	4.3	78
13	Clinical and Epidemiologic Characterization of WU Polyomavirus Infection, St. Louis, Missouri. <i>Emerging Infectious Diseases</i> , 2007, 13, 1936-1938.	4.3	70
15	In vivo veritas: pathogenesis of infection as it actually happens. <i>Nature Immunology</i> , 2007, 8, 1143-1147.	14.5	31
16	New human tumour viruses?. <i>Reviews in Medical Virology</i> , 2008, 18, 355-356.	8.3	0
17	SV40 large T antigenâ€specific human T cell memory responses. <i>Journal of Medical Virology</i> , 2008, 80, 1497-1504.	5.0	3
18	Identification of the novel KI polyomavirus in the respiratory tract of an Italian patient. <i>Journal of Medical Virology</i> , 2008, 80, 1012-1014.	5.0	20
19	Novel human polyomavirusesâ€Reâ€emergence of a well known virus family as possible human carcinogens. <i>International Journal of Cancer</i> , 2008, 123, 247-250.	5.1	111

#	ARTICLE	IF	CITATIONS
20	Small tumor antigen of polyomaviruses: Role in viral life cycle and cell transformation. Journal of Cellular Physiology, 2008, 215, 309-319.	4.1	51
21	Evolution of four BK virus subtypes. Infection, Genetics and Evolution, 2008, 8, 632-643.	2.3	43
22	Pyrimidinone-peptoid hybrid molecules with distinct effects on molecular chaperone function and cell proliferation. Bioorganic and Medicinal Chemistry, 2008, 16, 3291-3301.	3.0	90
23	Seroprevalence of SV40-like polyomavirus infections in captive and free-ranging macaque species. Journal of Medical Primatology, 2008, 37, 196-201.	0.6	11
24	Human polyomaviruses and cancer: expanding repertoire. JDDG - Journal of the German Society of Dermatology, 2008, 6, 704-708.	0.8	31
25	Human coronavirus NL63 infections in infants hospitalised with acute respiratory tract infections in South Africa. Influenza and Other Respiratory Viruses, 2008, 2, 135-138.	3.4	26
26	BK virus and neoplasia: An emerging role. Pediatric Transplantation, 2008, 12, 499-502.	1.0	6
27	Phosphorylation of human polyomavirus BK agnoprotein at Ser-11 is mediated by PKC and has an important regulative function. Virology, 2008, 379, 97-109.	2.4	30
28	SV40 vectors carrying minimal sequence of viral origin with exchangeable capsids. Virology, 2008, 379, 110-117.	2.4	19
29	Identification of a neutralization epitope in the VP1 capsid protein of SV40. Virology, 2008, 381, 116-122.	2.4	22
30	Detection and discrimination of WU/KI polyomaviruses by real-time PCR with melting curve analysis. Journal of Virological Methods, 2008, 153, 70-73.	2.1	8
31	Identification of a contemporary human parechovirus type 1 by VIDISCA and characterisation of its full genome. Virology Journal, 2008, 5, 26.	3.4	27
32	Does a new polyomavirus contribute to Merkel cell carcinoma?. Genome Biology, 2008, 9, 228.	9.6	18
34	Human bocavirus. Journal of Clinical Virology, 2008, 41, 29-33.	3.1	151
35	Presence of the newly discovered human polyomaviruses KI and WU in Australian patients with acute respiratory tract infection. Journal of Clinical Virology, 2008, 41, 63-68.	3.1	88
36	WU polyomavirus in children with acute lower respiratory tract infections, China. Journal of Clinical Virology, 2008, 42, 94-102.	3.1	37
37	Emerging respiratory agents: New viruses for old diseases?. Journal of Clinical Virology, 2008, 42, 233-243.	3.1	112
38	Age-related pattern of KI and WU polyomavirus infection. Journal of Clinical Virology, 2008, 43, 123-125.	3.1	53

#	ARTICLE	IF	CITATIONS
39	Evidence of human bocavirus circulating in children and adults, Cleveland, Ohio. <i>Journal of Clinical Virology</i> , 2008, 43, 302-306.	3.1	34
40	WU and KI polyomavirus present in the respiratory tract of children, but not in immunocompetent adults. <i>Journal of Clinical Virology</i> , 2008, 43, 330-333.	3.1	47
41	Prevalence and molecular characterization of WU/KI polyomaviruses isolated from pediatric patients with respiratory disease in Thailand. <i>Virus Research</i> , 2008, 135, 230-236.	2.2	37
42	Viruses associated with human cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 127-150.	3.8	303
43	JCV and BKV prevalence in people infected with HIV-1. <i>HIV and AIDS Review</i> , 2008, 7, 15-18.	0.2	0
44	DNA from BK Virus and JC Virus and from KI, WU, and MC Polyomaviruses as Well as from Simian Virus 40 Is Not Detected in Non-UV-Light-Associated Primary Malignant Melanomas of Mucous Membranes. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3595-3598.	3.9	54
45	Clonal Integration of a Polyomavirus in Human Merkel Cell Carcinoma. <i>Science</i> , 2008, 319, 1096-1100.	12.6	2,774
46	Molecular characterization of the first polyomavirus from a New World primate: squirrel monkey polyomavirus. <i>Journal of General Virology</i> , 2008, 89, 130-137.	2.9	30
47	A Skin Cancer Virus?. <i>Science</i> , 2008, 319, 1049-1050.	12.6	22
48	Low to Medium WU-Virus Titers in Young Children with Lower Respiratory Tract Infections. <i>Intervirology</i> , 2008, 51, 444-446.	2.8	9
49	Potential Mechanisms of the Human Polyomavirus JC in Neural Oncogenesis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008, 67, 729-740.	1.7	58
50	Internally Controlled Triplex Quantitative PCR Assay for Human Polyomaviruses JC and BK. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2829-2836.	3.9	25
51	Macaque Models of Human Infectious Disease. <i>ILAR Journal</i> , 2008, 49, 220-255.	1.8	165
52	Rapid Identification of Known and New RNA Viruses from Animal Tissues. <i>PLoS Pathogens</i> , 2008, 4, e1000163.	4.7	149
53	Steps towards Serological Diagnosis of Human Bocavirus Infections. <i>Clinical Infectious Diseases</i> , 2008, 46, 547-549.	5.8	8
54	Frequent Detection of Merkel Cell Polyomavirus in Human Merkel Cell Carcinomas and Identification of a Unique Deletion in the VP1 Gene. <i>Cancer Research</i> , 2008, 68, 5009-5013.	0.9	337
55	Prevalence of Human KI and WU Polyomaviruses in Children with Acute Respiratory Tract Infection in China. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3522-3525.	3.9	25
56	Human RNA Viruses: the Search for Novel Human Retroviruses in Chronic Disease. <i>Microbiology and Molecular Biology Reviews</i> , 2008, 72, 157-196.	6.6	136

#	ARTICLE	IF	CITATIONS
57	Temporal trends in the discovery of human viruses. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2111-2115.	2.6	106
58	Prevalence, Types, and RNA Concentrations of Human Parechoviruses, Including a Sixth Parechovirus Type, in Stool Samples from Patients with Acute Enteritis. Journal of Clinical Microbiology, 2008, 46, 242-248.	3.9	121
59	Human Bocavirus: Passenger or Pathogen in Acute Respiratory Tract Infections?. Clinical Microbiology Reviews, 2008, 21, 291-304.	13.6	266
60	An MHC class IIbâ€restricted CD8 T cell response confers antiviral immunity. Journal of Experimental Medicine, 2008, 205, 1647-1657.	8.5	30
61	The emergence of human metapneumovirus. Future Virology, 2008, 3, 363-371.	1.8	7
62	Circulation of 3 Lineages of a Novel Safford Cardiovirus in Humans. Emerging Infectious Diseases, 2008, 14, 1398-1405.	4.3	110
63	Role of Human Polyomaviruses in Respiratory Tract Disease in Young Children. Emerging Infectious Diseases, 2008, 14, 1766-1768.	4.3	44
64	Prevalence and Pathogenicity of WU and KI Polyomaviruses in Children, the Netherlands. Emerging Infectious Diseases, 2008, 14, 1787-1789.	4.3	21
65	HUMAN BOCAVIRUS, A NEWLY DISCOVERED PARVOVIRUS OF THE RESPIRATORY TRACT. Acta Clinica Belgica, 2008, 63, 329-334.	1.2	16
66	Human bocavirus: clinical significance and implications. Current Opinion in Pediatrics, 2008, 20, 62-66.	2.0	59
67	New Respiratory Viruses of Humans. Pediatric Infectious Disease Journal, 2008, 27, S71-S74.	2.0	13
68	KI and WU Polyomaviruses in Children, France. Emerging Infectious Diseases, 2008, 14, 523-525.	4.3	29
69	WU Polyomavirus Infection in Children, Germany. Emerging Infectious Diseases, 2008, 14, 680-681.	4.3	35
71	An Economical Tandem Multiplex Real-Time PCR Technique for the Detection of a Comprehensive Range of Respiratory Pathogens. Viruses, 2009, 1, 42-56.	3.3	49
72	Novel Respiratory Virus Infections in Children, Brazil. Emerging Infectious Diseases, 2009, 15, 806-808.	4.3	28
73	Polyomaviruses KI and WU in Immunocompromised Patients with Respiratory Disease. Emerging Infectious Diseases, 2009, 15, 107-109.	4.3	65
75	WU Polyomavirus in Fecal Specimens of Children with Acute Gastroenteritis, China. Emerging Infectious Diseases, 2009, 15, 134-135.	4.3	22
76	High-Throughput Cell-Based Screen for Chemicals That Inhibit Infection by Simian Virus 40 and Human Polyomaviruses. Journal of Virology, 2009, 83, 5630-5639.	3.4	22

#	ARTICLE	IF	CITATIONS
77	Direct Metagenomic Detection of Viral Pathogens in Nasal and Fecal Specimens Using an Unbiased High-Throughput Sequencing Approach. PLoS ONE, 2009, 4, e4219.	2.5	240
78	Merkel Cell Polyomavirus DNA in Respiratory Specimens from Children and Adults. Emerging Infectious Diseases, 2009, 15, 492-494.	4.3	88
79	Human Bocavirus and KI/WU Polyomaviruses in Pediatric Intensive Care Patients. Emerging Infectious Diseases, 2009, 15, 454-457.	4.3	28
80	Merkel Cell Polyomavirus in Respiratory Tract Secretions. Emerging Infectious Diseases, 2009, 15, 489-491.	4.3	118
81	WU Polyomavirus in Patients Infected with HIV or Hepatitis C Virus, Connecticut, USA, 2007. Emerging Infectious Diseases, 2009, 15, 1095-1097.	4.3	9
82	Serologic Evidence of Frequent Human Infection with WU and KI Polyomaviruses. Emerging Infectious Diseases, 2009, 15, 1199-1205.	4.3	82
83	KI and WU Polyomaviruses in Patients Infected with HIV-1, Italy. Emerging Infectious Diseases, 2009, 15, 1323-1325.	4.3	9
84	Reactivation and Mutation of Newly Discovered WU, KI, and Merkel Cell Carcinoma Polyomaviruses in Immunosuppressed Individuals. Journal of Infectious Diseases, 2009, 199, 398-404.	4.0	97
85	Association of Merkel Cell Polyomavirus-Specific Antibodies With Merkel Cell Carcinoma. Journal of the National Cancer Institute, 2009, 101, 1510-1522.	6.3	215
86	WU and KI Polyomaviruses in the Brains of HIV-Positive Patients With and Without Progressive Multifocal Leukoencephalopathy. Journal of Infectious Diseases, 2009, 200, 1755-1758.	4.0	24
87	Seroepidemiology of Human Polyomaviruses. PLoS Pathogens, 2009, 5, e1000363.	4.7	608
88	WU Polyomavirus (WUPyV): A Recently Detected Virus Causing Respiratory Disease?. Viruses, 2009, 1, 678-688.	3.3	3
89	Silencing Viral MicroRNA as a Novel Antiviral Therapy?. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-18.	3.0	30
90	Parainfluenza Virus Type 3 Pneumonia in Bone Marrow Transplant Recipients: Multiple Small Nodules in High-Resolution Lung Computed Tomography Scans Provide a Radiological Clue to Diagnosis. Clinical Infectious Diseases, 2009, 48, 905-909.	5.8	26
91	Merkel Cell Carcinoma: Recent Progress and Current Priorities on Etiology, Pathogenesis, and Clinical Management. Journal of Clinical Oncology, 2009, 27, 4021-4026.	1.6	117
92	Simian virus 40 large T antigen targets the microtubule-stabilizing protein TACC2. Journal of Cell Science, 2009, 122, 3190-3198.	2.0	13
93	A Novel Picornavirus Associated with Gastroenteritis. Journal of Virology, 2009, 83, 12002-12006.	3.4	122
94	Cardioviruses Are Genetically Diverse and Cause Common Enteric Infections in South Asian Children. Journal of Virology, 2009, 83, 4631-4641.	3.4	126

#	ARTICLE	IF	CITATIONS
95	KI, WU and Merkel cell polyomaviruses: A new era for human polyomavirus research. <i>Seminars in Cancer Biology</i> , 2009, 19, 270-275.	9.6	50
96	Welcome to the Polyomaviridae. <i>Seminars in Cancer Biology</i> , 2009, 19, 209-210.	9.6	7
97	A random PCR screening system for the identification of type 1 human herpes simplex virus. <i>Journal of Virological Methods</i> , 2009, 161, 91-97.	2.1	3
98	Real Time PCR TaqMan assays for detection of polyomaviruses KIV and WUV in clinical samples. <i>Journal of Virological Methods</i> , 2009, 162, 69-74.	2.1	23
99	A quantitative PCR assay for SV40 neutralization adaptable for high-throughput applications. <i>Journal of Virological Methods</i> , 2009, 162, 236-244.	2.1	10
100	The role of polyomaviruses in human disease. <i>Virology</i> , 2009, 384, 266-273.	2.4	244
101	Merkel cell polyomavirus encodes a microRNA with the ability to autoregulate viral gene expression. <i>Virology</i> , 2009, 383, 183-187.	2.4	155
102	Merkel cell polyomavirus sequences are frequently detected in nonmelanoma skin cancer of immunosuppressed patients. <i>International Journal of Cancer</i> , 2009, 125, 356-361.	5.1	134
103	Human Merkel cell polyomavirus infection II. MCV is a common human infection that can be detected by conformational capsid epitope immunoassays. <i>International Journal of Cancer</i> , 2009, 125, 1250-1256.	5.1	297
104	Excretion of the novel polyomaviruses KI and WU in the stool of patients with hematological disorders. <i>Journal of Medical Virology</i> , 2009, 81, 1668-1673.	5.0	40
105	Polyomaviruses KI and WU in children with respiratory tract infection. <i>Archives of Virology</i> , 2009, 154, 1605-8.	2.1	13
108	Merkel cell carcinoma of the skin: pathological and molecular evidence for a causative role of MCV in oncogenesis. <i>Journal of Pathology</i> , 2009, 218, 48-56.	4.5	237
109	Merkel cell polyomavirus: an update. <i>Journal of Cutaneous Pathology</i> , 2009, 36, 1327-1329.	1.3	24
110	Prevalence of human respiratory viruses in adults with acute respiratory tract infections in Beijing, 2005-2007. <i>Clinical Microbiology and Infection</i> , 2009, 15, 1146-1153.	6.0	115
111	Phylogenetics, evolution, and medical importance of polyomaviruses. <i>Infection, Genetics and Evolution</i> , 2009, 9, 784-799.	2.3	59
112	Regulation of Gene Expression in Primate Polyomaviruses. <i>Journal of Virology</i> , 2009, 83, 10846-10856.	3.4	93
113	Inhibition of Simian Virus 40 replication by targeting the molecular chaperone function and ATPase activity of T antigen. <i>Virus Research</i> , 2009, 141, 71-80.	2.2	43
116	A single-tube, real-time PCR assay for detection of the two newly characterized human KI and WU polyomaviruses. <i>Journal of Clinical Virology</i> , 2009, 44, 24-26.	3.1	21

#	ARTICLE	IF	CITATIONS
117	Detection of WU polyomavirus DNA by real-time PCR in nasopharyngeal aspirates, serum, and stool samples. <i>Journal of Clinical Virology</i> , 2009, 44, 115-118.	3.1	27
118	Human polyomaviruses, WU and KI in HIV exposed children with acute lower respiratory tract infections in hospitals in South Africa. <i>Journal of Clinical Virology</i> , 2009, 44, 230-234.	3.1	26
119	Detection of BK, JC, WU, or KI polyomaviruses in faecal, urine, blood, cerebrospinal fluid and respiratory samples. <i>Journal of Clinical Virology</i> , 2009, 45, 249-254.	3.1	71
120	Human KI and WU polyomavirus infection in immunocompromised subjects. <i>Journal of Clinical Virology</i> , 2009, 45, 370.	3.1	15
121	Identification of the novel KI and WU polyomaviruses in human tonsils. <i>Journal of Clinical Virology</i> , 2009, 46, 75-79.	3.1	34
122	The SV40 Capsid Is Stabilized by a Conserved Pentapeptide Hinge of the Major Capsid Protein VP1. <i>Journal of Molecular Biology</i> , 2009, 386, 1382-1391.	4.2	16
123	No evidence for WU polyomavirus infection in chronic obstructive pulmonary disease. <i>Infectious Agents and Cancer</i> , 2009, 4, 12.	2.6	3
124	Immunotherapeutic polyoma and human papilloma virus-like particles. <i>Immunotherapy</i> , 2009, 1, 303-312.	2.0	5
125	The Human Bocaviruses: A Review and Discussion of Their Role in Infection. <i>Clinics in Laboratory Medicine</i> , 2009, 29, 695-713.	1.4	56
126	Respiratory Viruses in Bronchiolitis and Their Link to Recurrent Wheezing and Asthma. <i>Clinics in Laboratory Medicine</i> , 2009, 29, 741-755.	1.4	22
127	Respiratory syncytial virus and other respiratory viruses in the setting of bone marrow transplantation. <i>Current Opinion in Oncology</i> , 2009, 21, 171-176.	2.4	16
128	Merkel Cell Polyomavirus. <i>American Journal of Surgical Pathology</i> , 2009, 33, 1771-1777.	3.7	73
133	Respiratory Viral Infections in Infants: Causes, Clinical Symptoms, Virology, and Immunology. <i>Clinical Microbiology Reviews</i> , 2010, 23, 74-98.	13.6	590
134	Low prevalence of DNA viruses in the human endometrium and endometriosis. <i>Archives of Virology</i> , 2010, 155, 695-703.	2.1	25
135	Genetic variability of the small t antigen of the novel KI, WU and MC polyomaviruses. <i>Archives of Virology</i> , 2010, 155, 1433-1438.	2.1	4
136	Determination and analysis of complete coding sequence regions of new discovered human bocavirus types 2 and 3. <i>Archives of Virology</i> , 2010, 155, 2023-2028.	2.1	14
137	Molecular Regulation of JC Virus Tropism: Insights into Potential Therapeutic Targets for Progressive Multifocal Leukoencephalopathy. <i>Journal of Neuroimmune Pharmacology</i> , 2010, 5, 404-417.	4.1	55
138	Massively parallel sequencing, a new method for detecting adventitious agents. <i>Biologicals</i> , 2010, 38, 377-380.	1.4	40

#	ARTICLE	IF	CITATIONS
139	Global analysis of modifications of the human BK virus structural proteins by LC-MS/MS. <i>Virology</i> , 2010, 402, 164-176.	2.4	35
140	Quantitative detection of Merkel cell virus in human tissues and possible mode of transmission. <i>International Journal of Cancer</i> , 2010, 126, 2991-2996.	5.1	146
141	Molecular epidemiology of KI and WU polyomaviruses in infants with acute respiratory disease and in adult hematopoietic stem cell transplant recipients. <i>Journal of Medical Virology</i> , 2010, 82, 153-156.	5.0	30
142	Viral etiology of respiratory infections in children under 5 years old living in tropical rural areas of Senegal: The EVIRA project. <i>Journal of Medical Virology</i> , 2010, 82, 866-872.	5.0	64
143	Hematopoietic cell transplantation and emerging viral infections. <i>Journal of Medical Virology</i> , 2010, 82, 528-538.	5.0	15
144	Detection of novel respiratory viruses from influenza-like illness in the Philippines. <i>Journal of Medical Virology</i> , 2010, 82, 1071-1074.	5.0	13
145	High prevalence of antibodies against polyomavirus WU, polyomavirus KI, and human bocavirus in German blood donors. <i>BMC Infectious Diseases</i> , 2010, 10, 215.	2.9	47
146	Newly identified human rhinoviruses: molecular methods heat up the cold viruses. <i>Reviews in Medical Virology</i> , 2010, 20, 156-176.	8.3	74
147	Why do viruses cause cancer? Highlights of the first century of human tumour virology. <i>Nature Reviews Cancer</i> , 2010, 10, 878-889.	28.4	569
148	WUPyV in Children with Acute Respiratory Tract Infections, China. <i>Emerging Infectious Diseases</i> , 2010, 16, 735-736.	4.3	3
149	JC Virus Infection A Cause of Colorectal Cancer?. <i>Journal of Clinical Gastroenterology</i> , 2010, 44, 466-468.	2.2	15
150	Comparison of the Eragen Multi-Code Respiratory Virus Panel with Conventional Viral Testing and Real-Time Multiplex PCR Assays for Detection of Respiratory Viruses. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2387-2395.	3.9	37
151	Molecular Amplification Methods in Diagnostic Virology. <i>Infectious Disease and Therapy</i> , 2010, , 19-39.	0.0	2
152	Natalizumab and Progressive Multifocal Leukoencephalopathy. <i>Archives of Neurology</i> , 2010, 67, 923-30.	4.5	105
153	Update on Human Polyomaviruses and Cancer. <i>Advances in Cancer Research</i> , 2010, 106, 1-51.	5.0	108
154	Culturing the Unculturable: Human Coronavirus HKU1 Infects, Replicates, and Produces Progeny Virions in Human Ciliated Airway Epithelial Cell Cultures. <i>Journal of Virology</i> , 2010, 84, 11255-11263.	3.4	120
155	Whole-Genome Characterization and Genotyping of Global WU Polyomavirus Strains. <i>Journal of Virology</i> , 2010, 84, 6229-6234.	3.4	20
156	Characterization of novel polyomaviruses from Bornean and Sumatran orang-utans. <i>Journal of General Virology</i> , 2010, 91, 653-658.	2.9	27

#	ARTICLE	IF	CITATIONS
157	Human Picobirnaviruses Identified by Molecular Screening of Diarrhea Samples. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1787-1794.	3.9	83
158	Whole-genome characterization of a novel polyomavirus detected in fatally diseased canary birds. <i>Journal of General Virology</i> , 2010, 91, 3016-3022.	2.9	35
159	LDH Concentration in Nasal-Wash Fluid as a Biochemical Predictor of Bronchiolitis Severity. <i>Pediatrics</i> , 2010, 125, e225-e233.	2.1	41
160	Molecular detection, quantification and characterization of human polyomavirus JC from waste water in Rio De Janeiro, Brazil. <i>Journal of Water and Health</i> , 2010, 8, 438-445.	2.6	42
161	Generation of Merkel Cell Polyomavirus (MCV)-Like Particles and Their Application to Detection of MCV Antibodies. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1767-1770.	3.9	107
162	Discovery of a New Human Polyomavirus Associated with Trichodysplasia Spinulosa in an Immunocompromized Patient. <i>PLoS Pathogens</i> , 2010, 6, e1001024.	4.7	386
163	KI and WU Polyomaviruses and CD4+ Cell Counts in HIV-1â€“infected Patients, Italy. <i>Emerging Infectious Diseases</i> , 2010, 16, 1482-1485.	4.3	16
164	Update on SARS research and other possibly zoonotic coronaviruses. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, S21-S25.	2.5	26
165	Newly described human polyomaviruses Merkel Cell, KI and WU are present in urban sewage and may represent potential environmental contaminants. <i>Virology Journal</i> , 2010, 7, 141.	3.4	74
166	Newly discovered KI, WU, and Merkel cell polyomaviruses: No evidence of mother-to-fetus transmission. <i>Virology Journal</i> , 2010, 7, 251.	3.4	26
167	Detection and characterization of two chimpanzee polyomavirus genotypes from different subspecies. <i>Virology Journal</i> , 2010, 7, 347.	3.4	25
168	Bat Guano Virome: Predominance of Dietary Viruses from Insects and Plants plus Novel Mammalian Viruses. <i>Journal of Virology</i> , 2010, 84, 6955-6965.	3.4	320
169	Expression and Serological Characterization of Polyomavirus WUPyV and KIPyV Structural Proteins. <i>Viral Immunology</i> , 2010, 23, 385-393.	1.3	12
170	Human polyoma viruses and disease with emphasis on clinical BK and JC. <i>Journal of Clinical Virology</i> , 2010, 47, 306-312.	3.1	118
171	Survey for the presence of BK, JC, KI, WU and Merkel cell polyomaviruses in human brain tissues. <i>Journal of Clinical Virology</i> , 2010, 48, 11-14.	3.1	12
172	Human polyomavirus KI and WU in adults with community acquired pneumonia in The Netherlands, 2008â€“2009. <i>Journal of Clinical Virology</i> , 2010, 49, 306-307.	3.1	5
173	Merkel Cell Polyomavirus and Two Previously Unknown Polyomaviruses Are Chronically Shed from Human Skin. <i>Cell Host and Microbe</i> , 2010, 7, 509-515.	11.0	502
174	Structural evaluation of new human polyomaviruses provides clues to pathobiology. <i>Trends in Microbiology</i> , 2010, 18, 215-223.	7.7	38

#	ARTICLE	IF	CITATIONS
175	Prevalence and Clinical Impact of Polyomaviruses KI and WU in Lung Transplant Recipients. Transplantation Proceedings, 2010, 42, 1275-1278.	0.6	10
176	Metagenomics for the discovery of novel human viruses. Future Microbiology, 2010, 5, 177-189.	2.0	114
178	Respiratory Viral Infections in Transplant and Oncology Patients. Infectious Disease Clinics of North America, 2010, 24, 395-412.	5.1	32
179	Viral Diversity in Asthma. Immunology and Allergy Clinics of North America, 2010, 30, 481-495.	1.9	6
180	Metagenomic Analysis of the Viromes of Three North American Bat Species: Viral Diversity among Different Bat Species That Share a Common Habitat. Journal of Virology, 2010, 84, 13004-13018.	3.4	194
181	Cellular Entry of Polyomaviruses. Current Topics in Microbiology and Immunology, 2010, 343, 177-194.	1.1	39
182	Multiplex PCR theranostics of severe respiratory infections. Expert Review of Anti-Infective Therapy, 2010, 8, 251-253.	4.4	18
183	PCR for detection of respiratory viruses: seasonal variations of virus infections. Expert Review of Anti-Infective Therapy, 2011, 9, 615-626.	4.4	58
184	A Novel Human Polyomavirus Closely Related to the African Green Monkey-Derived Lymphotropic Polyomavirus. Journal of Virology, 2011, 85, 4586-4590.	3.4	214
186	Evolution of SARS Coronavirus and the Relevance of Modern Molecular Epidemiology. , 2011, , 711-728.		5
187	Management of viral infections in solid organ transplant recipients. Expert Review of Anti-Infective Therapy, 2011, 9, 685-700.	4.4	29
188	Human JC virus-like particles as a gene delivery vector. Expert Opinion on Biological Therapy, 2011, 11, 1169-1175.	3.1	26
189	Viral hit and run-oncogenesis: Genetic and epigenetic scenarios. Cancer Letters, 2011, 305, 200-217.	7.2	100
190	Applications of Next-Generation Sequencing Technologies to Diagnostic Virology. International Journal of Molecular Sciences, 2011, 12, 7861-7884.	4.1	241
191	WU and KI polyomavirus infections in pediatric hematology/oncology patients with acute respiratory tract illness. Journal of Clinical Virology, 2011, 52, 28-32.	3.1	37
192	Plaque purification as a method to mitigate the risk of adventitious-agent contamination in influenza vaccine virus seeds. Vaccine, 2011, 29, 3155-3161.	3.8	7
193	Detection of chimpanzee polyomavirus-specific antibodies in captive and wild-caught chimpanzees using yeast-expressed virus-like particles. Virus Research, 2011, 155, 514-519.	2.2	7
194	Role of Endosomes in Simian Virus 40 Entry and Infection. Journal of Virology, 2011, 85, 4198-4211.	3.4	147

#	ARTICLE	IF	CITATIONS
195	Specific Viruses Detected in Nigerian Children in Association with Acute Respiratory Disease. Journal of Tropical Medicine, 2011, 2011, 1-6.	1.7	32
196	Human Polyomaviruses in Skin Diseases. Pathology Research International, 2011, 2011, 1-12.	1.4	38
197	Genomic Characterization and High Prevalence of Bocaviruses in Swine. PLoS ONE, 2011, 6, e17292.	2.5	64
198	BKV Agnoprotein Interacts with β -Soluble N-Ethylmaleimide-Sensitive Fusion Attachment Protein, and Negatively Influences Transport of VSVG-EGFP. PLoS ONE, 2011, 6, e24489.	2.5	18
199	Replication, Gene Expression and Particle Production by a Consensus Merkel Cell Polyomavirus (MCPyV) Genome. PLoS ONE, 2011, 6, e29112.	2.5	57
200	Changing epidemiology of respiratory viral infections in hematopoietic cell transplant recipients and solid organ transplant recipients. Current Opinion in Infectious Diseases, 2011, 24, 333-343.	3.1	118
201	WU Polyomavirus Infection Confirmed by Genetic and Serologic Tests in an Infant With Bronchitis. Pediatric Infectious Disease Journal, 2011, 30, 918.	2.0	5
202	Evaluation of a clinical scoring system and directed laboratory testing for respiratory virus infection in hematopoietic stem cell transplant recipients. Transplant Infectious Disease, 2011, 13, 448-455.	1.7	6
203	Detection of KI polyomavirus and WU polyomavirus DNA by real-time polymerase chain reaction in nasopharyngeal swabs and in normal lung and lung adenocarcinoma tissues. Microbiology and Immunology, 2011, 55, 525-530.	1.4	24
204	Rate and influence of respiratory virus co-infection on pandemic (H1N1) influenza disease. Journal of Infection, 2011, 63, 260-266.	3.3	89
205	Analysis of DNA methylation in human BK virus. Virus Genes, 2011, 43, 201-207.	1.6	7
206	Taxonomical developments in the family Polyomaviridae. Archives of Virology, 2011, 156, 1627-1634.	2.1	171
207	Association between hMLH1 hypermethylation and JC virus (JCV) infection in human colorectal cancer (CRC). Clinical Epigenetics, 2011, 2, 1-5.	4.1	10
208	Molecular Diagnosis of Viral Respiratory Infections. Current Infectious Disease Reports, 2011, 13, 149-158.	3.0	10
209	JC virus DNA in the peripheral blood of renal transplant patients: A 1-year prospective follow-up in France. Journal of Medical Virology, 2011, 83, 132-136.	5.0	22
210	Prevalence of WU and KI polyomaviruses in plasma, urine, and respiratory samples from renal transplant patients. Journal of Medical Virology, 2011, 83, 1275-1278.	5.0	18
211	Contribution of common and recently described respiratory viruses to annual hospitalizations in children in South Africa. Journal of Medical Virology, 2011, 83, 1458-1468.	5.0	62
212	WU polyomavirus infection among children in South China. Journal of Medical Virology, 2011, 83, 1440-1445.	5.0	16

#	ARTICLE	IF	CITATIONS
213	Secondary lymphoid tissue as an important site for WU polyomavirus infection in immunocompetent children. <i>Journal of Medical Virology</i> , 2011, 83, 1446-1450.	5.0	19
214	High detection rates of nucleic acids of a wide range of respiratory viruses in the nasopharynx and the middle ear of children with a history of recurrent acute otitis media. <i>Journal of Medical Virology</i> , 2011, 83, 2008-2017.	5.0	64
215	Merkel cell polyomavirus DNA in immunocompetent and immunocompromised patients with respiratory disease. <i>Journal of Medical Virology</i> , 2011, 83, 2220-2224.	5.0	23
216	Polyomavirus infection and urothelial carcinoma. <i>Diagnostic Cytopathology</i> , 2011, 39, 531-535.	1.0	10
217	Asymptomatic Primary Merkel Cell Polyomavirus Infection among Adults. <i>Emerging Infectious Diseases</i> , 2011, 17, 1371-1380.	4.3	86
218	Seroprevalence of Trichodysplasia Spinulosa-associated Polyomavirus. <i>Emerging Infectious Diseases</i> , 2011, 17, 1355-63.	4.3	89
219	Structures of the Major Capsid Proteins of the Human Karolinska Institutet and Washington University Polyomaviruses. <i>Journal of Virology</i> , 2011, 85, 7384-7392.	3.4	17
220	African Great Apes Are Naturally Infected with Polyomaviruses Closely Related to Merkel Cell Polyomavirus. <i>Journal of Virology</i> , 2011, 85, 916-924.	3.4	46
221	Human Polyomaviruses and Other Human Viruses in Neuroendocrine Tumors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 1558-1561.	2.5	23
222	Phosphorylation of Ser-80 of VP1 and Ser-254 of VP2 is essential for human BK virus propagation in tissue culture. <i>Journal of General Virology</i> , 2011, 92, 2637-2645.	2.9	6
223	<i>Emerging Viral Infections</i> , 2011, , 275-291.		0
224	Activities of Different Classes of Acyclic Nucleoside Phosphonates against BK Virus in Primary Human Renal Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1961-1967.	3.2	20
225	Detection and characterization of a novel polyomavirus in wild rodents. <i>Journal of General Virology</i> , 2011, 92, 789-795.	2.9	34
226	High Levels of Antibodies Against Merkel Cell Polyomavirus Identify a Subset of Patients With Merkel Cell Carcinoma With Better Clinical Outcome. <i>Journal of Clinical Oncology</i> , 2011, 29, 1612-1619.	1.6	151
227	Prevalence of polyomaviruses and links with human diseases. <i>Future Virology</i> , 2011, 6, 1187-1197.	1.8	2
228	Merkel cell carcinoma, chronic lymphocytic leukemia and other lymphoproliferative disorders: an old bond with possible new viral ties. <i>Annals of Oncology</i> , 2011, 22, 250-256.	1.2	74
229	Glycosaminoglycans and Sialylated Glycans Sequentially Facilitate Merkel Cell Polyomavirus Infectious Entry. <i>PLoS Pathogens</i> , 2011, 7, e1002161.	4.7	134
230	Expecting the unexpected: nucleic acid-based diagnosis and discovery of emerging viruses. <i>Expert Review of Molecular Diagnostics</i> , 2011, 11, 409-423.	3.1	8

#	ARTICLE	IF	CITATIONS
231	Bacterial Genomics in Infectious Disease and the Clinical Pathology Laboratory. Archives of Pathology and Laboratory Medicine, 2012, 136, 1414-1422.	2.5	34
232	Review on the Relationship between Human Polyomaviruses-Associated Tumors and Host Immune System. Clinical and Developmental Immunology, 2012, 2012, 1-10.	3.3	15
233	Structures of Merkel Cell Polyomavirus VP1 Complexes Define a Sialic Acid Binding Site Required for Infection. PLoS Pathogens, 2012, 8, e1002738.	4.7	79
234	BK polyomavirus with archetypal and rearranged non-coding control regions is present in cerebrospinal fluids from patients with neurological complications. Journal of General Virology, 2012, 93, 1780-1794.	2.9	16
235	Human viruses: discovery and emergence. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2864-2871.	4.0	337
236	Individuals infected with JC polyomavirus do not present detectable JC virus DNA in oropharyngeal fluids. Journal of General Virology, 2012, 93, 692-697.	2.9	9
237	No evidence for the involvement of XMRV or MCV in the pathogenesis of breast cancer. British Journal of Cancer, 2012, 106, 1166-1170.	6.4	11
238	Identification of MW Polyomavirus, a Novel Polyomavirus in Human Stool. Journal of Virology, 2012, 86, 10321-10326.	3.4	160
239	Genomic analysis of 16 Colorado human NL63 coronaviruses identifies a new genotype, high sequence diversity in the N-terminal domain of the spike gene and evidence of recombination. Journal of General Virology, 2012, 93, 2387-2398.	2.9	25
240	New respiratory viral infections. Current Opinion in Pulmonary Medicine, 2012, 18, 271-278.	2.6	88
241	KIPolyomavirus Sequences in Respiratory Specimens from Bulgarian Children. Biotechnology and Biotechnological Equipment, 2012, 26, 3138-3141.	1.3	0
242	KI, WU, and Merkel Cell Polyomavirus DNA was not Detected in Guthrie Cards of Children who Later Developed Acute Lymphoblastic Leukemia. Journal of Pediatric Hematology/Oncology, 2012, 34, 364-367.	0.6	14
243	Observational Research in Childhood Infectious Diseases (ORChID): a dynamic birth cohort study: Table A1. BMJ Open, 2012, 2, e002134.	1.9	63
244	Large-scale sequencing and the natural history of model human RNA viruses. Future Virology, 2012, 7, 563-573.	1.8	4
245	Drivers, dynamics, and control of emerging vector-borne zoonotic diseases. Lancet, The, 2012, 380, 1946-1955.	13.7	530
246	MCV and Merkel cell carcinoma: a molecular success story. Current Opinion in Virology, 2012, 2, 489-498.	5.4	94
247	Emerging view of the human virome. Translational Research, 2012, 160, 283-290.	5.0	122
248	Agnoprotein of mammalian polyomaviruses. Virology, 2012, 432, 316-326.	2.4	43

#	ARTICLE	IF	CITATIONS
249	BK polyomavirus: emerging pathogen. <i>Microbes and Infection</i> , 2012, 14, 672-683.	1.9	82
250	Trichodysplasia spinulosa is characterized by active polyomavirus infection. <i>Journal of Clinical Virology</i> , 2012, 53, 225-230.	3.1	66
251	Respiratory viral pathogens associated with lower respiratory tract disease among young children in the highlands of Papua New Guinea. <i>Journal of Clinical Virology</i> , 2012, 54, 235-239.	3.1	24
252	Distribution of JC polyomavirus genotypes in Tunisian renal transplant recipients between January 2008 and January 2011. <i>Journal of Medical Virology</i> , 2012, 84, 1818-1824.	5.0	5
253	Respiratory viruses from hospitalized children with severe pneumonia in the Philippines. <i>BMC Infectious Diseases</i> , 2012, 12, 267.	2.9	50
254	Household transmission of respiratory viruses – assessment of viral, individual and household characteristics in a population study of healthy Australian adults. <i>BMC Infectious Diseases</i> , 2012, 12, 345.	2.9	16
255	The polyomaviruses WUPyV and KIPyV: a retrospective quantitative analysis in patients undergoing hematopoietic stem cell transplantation. <i>Virology Journal</i> , 2012, 9, 209.	3.4	7
256	Merkel Cell Carcinoma: A Virus-Induced Human Cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2012, 7, 123-144.	22.4	164
257	Prevalence of human polyomaviruses in common and rare types of non-Merkel cell carcinoma skin cancer. <i>British Journal of Dermatology</i> , 2012, 167, 1315-1320.	1.5	55
258	Specific Detection of Trichodysplasia Spinulosa-Associated Polyomavirus DNA in Skin and Renal Allograft Tissues in a Patient With Trichodysplasia Spinulosa. <i>Archives of Dermatology</i> , 2012, 148, 726-33.	1.4	44
260	Immunotherapy for polyomaviruses: opportunities and challenges. <i>Immunotherapy</i> , 2012, 4, 617-628.	2.0	7
261	Novel human polyomaviruses in pregnancy: Higher prevalence of BKPyV, but no WUPyV, KIPyV and HPyV9. <i>Journal of Clinical Virology</i> , 2012, 55, 262-265.	3.1	19
262	A screen for modulators of large T antigen's ATPase activity uncovers novel inhibitors of Simian Virus 40 and BK virus replication. <i>Antiviral Research</i> , 2012, 96, 70-81.	4.1	17
263	Les polyomavirus humains : la famille s'agrandit!!!. <i>Revue Francophone Des Laboratoires</i> , 2012, 2012, 73-81.	0.0	2
264	Merkel cell polyomavirus and trichodysplasia spinulosa-associated polyomavirus DNAs and antibodies in blood among the elderly. <i>BMC Infectious Diseases</i> , 2012, 12, 383.	2.9	22
265	Diagnostic value of respiratory virus detection in symptomatic children using real-time PCR. <i>Virology Journal</i> , 2012, 9, 276.	3.4	42
266	The role of infections and coinfections with newly identified and emerging respiratory viruses in children. <i>Virology Journal</i> , 2012, 9, 247.	3.4	97
267	Etiology and Clinical Characterization of Respiratory Virus Infections in Adult Patients Attending an Emergency Department in Beijing. <i>PLoS ONE</i> , 2012, 7, e32174.	2.5	57

#	ARTICLE	IF	CITATIONS
268	Use of Sensitive, Broad-Spectrum Molecular Assays and Human Airway Epithelium Cultures for Detection of Respiratory Pathogens. PLoS ONE, 2012, 7, e32582.	2.5	11
269	Seroepidemiology of Human Bocavirus Infection in Jamaica. PLoS ONE, 2012, 7, e38206.	2.5	20
270	Exploring the Prevalence of Ten Polyomaviruses and Two Herpes Viruses in Breast Cancer. PLoS ONE, 2012, 7, e39842.	2.5	52
271	Discovery of a Novel Polyomavirus in Acute Diarrheal Samples from Children. PLoS ONE, 2012, 7, e49449.	2.5	110
272	Acute respiratory viral infections in children in Rio de Janeiro and Teres�polis, Brazil. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2012, 54, 249-255.	1.1	11
273	Caveolae-Dependent Endocytosis in Viral Infection. , 2012, , .		4
274	WU and KI Polyomaviruses in Respiratory Samples from Allogeneic Hematopoietic Cell Transplant Recipients. Emerging Infectious Diseases, 2012, 18, 1580-1588.	4.3	34
275	Polyomaviridae. , 2012, , 279-290.		0
276	Human Polyomaviruses in Children Undergoing Transplantation, USA, 2008�2010. Emerging Infectious Diseases, 2012, 18, 1676-1679.	4.3	43
277	Prolonged KI Polyomavirus Infection in Immunodeficient Child. Emerging Infectious Diseases, 2012, 18, 706-708.	4.3	8
278	Genome analysis of the new human polyomaviruses. Reviews in Medical Virology, 2012, 22, 354-377.	8.3	48
279	Detection of Human Bocaviruses 1 to 4 from Nasopharyngeal Swab Samples Collected from Patients with Respiratory Tract Infections. Journal of Clinical Microbiology, 2012, 50, 2118-2121.	3.9	34
280	Viral Infections of the Lower Respiratory Tract. Current Infectious Disease Reports, 2012, 14, 284-291.	3.0	18
281	Human polyomaviruses identification by logic mining techniques. Virology Journal, 2012, 9, 58.	3.4	13
282	Seroepidemiology of WU polyomavirus among children exposed perinatally to HIV�1. Journal of Medical Virology, 2012, 84, 188-193.	5.0	7
283	Virus detection and its association with symptoms during influenza-like illness in a sample of healthy adults enrolled in a randomised controlled vaccine trial. Influenza and Other Respiratory Viruses, 2013, 7, 330-339.	3.4	18
284	An antibody response to human polyomavirus 15-mer peptides is highly abundant in healthy human subjects. Virology Journal, 2013, 10, 192.	3.4	14
285	Polyomavirus inactivation �� A review. Biologicals, 2013, 41, 63-70.	1.4	29

#	ARTICLE	IF	CITATIONS
286	Common WU polyomavirus infection in a Beijing population indicated by surveillance for serum IgG antibody against capsid protein VP2. World Journal of Pediatrics, 2013, 9, 48-52.	1.8	3
287	An update on viral association of human cancers. Archives of Virology, 2013, 158, 1433-1443.	2.1	19
288	Viral pathogen discovery. Current Opinion in Microbiology, 2013, 16, 468-478.	5.1	190
289	Metagenomics for pathogen detection in public health. Genome Medicine, 2013, 5, 81.	8.2	202
290	Detection of Viral RNA Splicing in Diagnostic Virology. , 2013, , 693-748.		4
291	Viral and bacterial aetiology of community-acquired pneumonia in adults. Influenza and Other Respiratory Viruses, 2013, 7, 567-573.	3.4	27
292	No novel coronaviruses identified in a large collection of human nasopharyngeal specimens using family-wide CODEHOP-based primers. Archives of Virology, 2013, 158, 251-255.	2.1	14
293	Emerging viral diseases in kidney transplant recipients. Reviews in Medical Virology, 2013, 23, 50-69.	8.3	12
294	The large tumor antigen: A "Swiss Army knife" protein possessing the functions required for the polyomavirus life cycle. Antiviral Research, 2013, 97, 122-136.	4.1	46
295	Frequent Infection of Neurons by SV40 Virus in SIV-Infected Macaque Monkeys with Progressive Multifocal Leukoencephalopathy and Meningoencephalitis. American Journal of Pathology, 2013, 183, 1910-1917.	3.8	19
296	Human polyomaviruses in disease and cancer. Virology, 2013, 437, 63-72.	2.4	256
297	Discovery of STL polyomavirus, a polyomavirus of ancestral recombinant origin that encodes a unique T antigen by alternative splicing. Virology, 2013, 436, 295-303.	2.4	145
298	A cornucopia of human polyomaviruses. Nature Reviews Microbiology, 2013, 11, 264-276.	28.6	290
299	Approach to Common Bacterial Infections. Pediatric Clinics of North America, 2013, 60, 437-453.	1.8	17
300	Detection and quantification of classic and emerging viruses by skimmed-milk flocculation and PCR in river water from two geographical areas. Water Research, 2013, 47, 2797-2810.	11.3	92
301	Frequent detection of Merkel cell polyomavirus DNA in sera of HIV-1-positive patients. Virology Journal, 2013, 10, 84.	3.4	30
302	From Stockholm to Malawi: recent developments in studying human polyomaviruses. Journal of General Virology, 2013, 94, 482-496.	2.9	71
303	The <i>trichodysplasia spinulosa</i> -associated polyomavirus: virological background and clinical implications. Apmis, 2013, 121, 770-782.	2.0	71

#	ARTICLE	IF	CITATIONS
304	Discovery of diverse polyomaviruses in bats and the evolutionary history of the Polyomaviridae. Journal of General Virology, 2013, 94, 738-748.	2.9	56
305	Serological cross-reactivity between human polyomaviruses. Reviews in Medical Virology, 2013, 23, 250-264.	8.3	45
306	Molecular Methods of Virus Detection in Lymphoma. Methods in Molecular Biology, 2013, 971, 277-293.	0.9	6
307	Monitoring of KI and WU polyomaviruses in hematopoietic stem cell transplant patients. Journal of Medical Virology, 2013, 85, 1122-1124.	5.0	8
308	The human polyomaviruses <scp>KI</scp> and <scp>WU</scp>: virological background and clinical implications. Apmis, 2013, 121, 746-754.	2.0	40
309	Detection of Novel Polyomaviruses, TSPyV, HPyV6, HPyV7, HPyV9 and MWPpyV in Feces, Urine, Blood, Respiratory Swabs and Cerebrospinal Fluid. PLoS ONE, 2013, 8, e62764.	2.5	55
310	<scp>WU</scp> polyomavirus detected in respiratory tract specimens from young children in <scp>J</scp>apan. Pediatrics International, 2013, 55, 536-537.	0.5	9
311	New strategy for virus discovery: viruses identified in human feces in the last decade. Science China Life Sciences, 2013, 56, 688-696.	4.9	15
313	Detection of Merkel Cell Polyomavirus in the Human Tissues from 41 Japanese Autopsy Cases Using Polymerase Chain Reaction. Intervirology, 2013, 56, 1-5.	2.8	28
315	JC viruria and kidney disease in APOL1 risk genotype individuals: is this a clue to a gene – environment interaction?. Kidney International, 2013, 84, 1069-1072.	5.2	8
316	Novel Polyomaviruses of Nonhuman Primates: Genetic and Serological Predictors for the Existence of Multiple Unknown Polyomaviruses within the Human Population. PLoS Pathogens, 2013, 9, e1003429.	4.7	35
317	The Rapidly Expanding Family of Human Polyomaviruses: Recent Developments in Understanding Their Life Cycle and Role in Human Pathology. PLoS Pathogens, 2013, 9, e1003206.	4.7	88
318	Prevalence of 10 Human Polyomaviruses in Fecal Samples from Children with Acute Gastroenteritis: a Case-Control Study. Journal of Clinical Microbiology, 2013, 51, 3107-3109.	3.9	24
319	Elucidation and Clinical Role of Emerging Viral Respiratory Tract Infections in Children. Advances in Experimental Medicine and Biology, 2013, 764, 191-204.	1.6	0
320	T Cell Epitope Mapping of JC Polyoma Virus-Encoded Proteome Reveals Reduced T Cell Responses in HLA-DRB1*04:01 ⁺ Donors. Journal of Virology, 2013, 87, 3393-3408.	3.4	20
321	Emerging Viral Infections. , 2013, , 1142-1154.		2
322	The human polyomavirus <scp>BK</scp> (<scp>BKP</scp>yV): virological background and clinical implications. Apmis, 2013, 121, 728-745.	2.0	74
323	The human polyomaviruses: from orphans and mutants to patchwork family. Apmis, 2013, 121, 681-684.	2.0	26

#	ARTICLE	IF	CITATIONS
324	Molecular epidemiology of KI and WU polyomaviruses in healthy blood donors, south-eastern France. Journal of Medical Virology, 2013, 85, 1444-1446.	5.0	5
325	The novel KI, WU and MC polyomaviruses and human diseases. Future Virology, 2013, 8, 451-458.	1.8	1
326	Human polyomaviruses were not detected in cerebrospinal fluid of patients with neurological complications after hematopoietic stem cell transplantation. Future Virology, 2013, 8, 809-814.	1.8	7
327	Merkel Cell Polyomavirus Large T Antigen Has Growth-Promoting and Inhibitory Activities. Journal of Virology, 2013, 87, 6118-6126.	3.4	105
328	Identification of a novel polyomavirus from vervet monkeys in Zambia. Journal of General Virology, 2013, 94, 1357-1364.	2.9	18
330	Merkel Cell Polyomavirus Is Frequently Detected in Korean Patients with Merkel Cell Carcinoma. Annals of Dermatology, 2013, 25, 203.	0.9	22
331	Metagenomic Detection of Viruses in Aerosol Samples from Workers in Animal Slaughterhouses. PLoS ONE, 2013, 8, e72226.	2.5	23
332	The Origin of Biased Sequence Depth in Sequence-Independent Nucleic Acid Amplification and Optimization for Efficient Massive Parallel Sequencing. PLoS ONE, 2013, 8, e76144.	2.5	42
333	Different Serologic Behavior of MCPyV, TSPyV, HPyV6, HPyV7 and HPyV9 Polyomaviruses Found on the Skin. PLoS ONE, 2013, 8, e81078.	2.5	90
334	Human Polyomavirus Reactivation: Disease Pathogenesis and Treatment Approaches. Clinical and Developmental Immunology, 2013, 2013, 1-27.	3.3	66
335	Clinical Epidemiology of Bocavirus, Rhinovirus, Two Polyomaviruses and Four Coronaviruses in HIV-Infected and HIV-Uninfected South African Children. PLoS ONE, 2014, 9, e86448.	2.5	42
336	Serological Cross-Reactivity between Merkel Cell Polyomavirus and Two Closely Related Chimpanzee Polyomaviruses. PLoS ONE, 2014, 9, e97030.	2.5	3
337	Filovirus RefSeq Entries: Evaluation and Selection of Filovirus Type Variants, Type Sequences, and Names. Viruses, 2014, 6, 3663-3682.	3.3	49
338	Human Polyomavirus 9 Infection in Kidney Transplant Patients. Emerging Infectious Diseases, 2014, 20, 991-9.	4.3	30
339	Are human polyomaviruses cofactors for cancers induced by other oncoviruses?. Reviews in Medical Virology, 2014, 24, 343-360.	8.3	26
340	Respiratory virus infections among children in South China. Journal of Medical Virology, 2014, 86, 1249-1255.	5.0	23
341	No evidence for a role of Merkel cell polyomavirus in small cell lung cancer among Iranian subjects. Pathology Research and Practice, 2014, 210, 836-839.	2.3	5
342	Polyomaviruses-associated respiratory infections in HIV-infected and HIV-uninfected children. Journal of Clinical Virology, 2014, 61, 571-578.	3.1	6

#	ARTICLE	IF	CITATIONS
343	Detection of TS polyomavirus DNA in tonsillar tissues of children and adults: Evidence for site of viral latency. <i>Journal of Clinical Virology</i> , 2014, 59, 55-58.	3.1	33
344	Butcherbird polyomavirus isolated from a grey butcherbird (<i>Cracticus torquatus</i>) in Queensland, Australia. <i>Veterinary Microbiology</i> , 2014, 168, 302-311.	1.9	11
345	Crystallographic and Glycan Microarray Analysis of Human Polyomavirus 9 VP1 Identifies <i>N</i> -Glycolyl Neuraminic Acid as a Receptor Candidate. <i>Journal of Virology</i> , 2014, 88, 6100-6111.	3.4	36
346	BK and JC virus: A review. <i>Journal of Infection</i> , 2014, 68, S2-S8.	3.3	125
347	Epidemiology of respiratory viral infections in children enrolled in a study of influenza vaccine effectiveness. <i>Influenza and Other Respiratory Viruses</i> , 2014, 8, 293-301.	3.4	19
348	Structure Analysis of the Major Capsid Proteins of Human Polyomaviruses 6 and 7 Reveals an Obstructed Sialic Acid Binding Site. <i>Journal of Virology</i> , 2014, 88, 10831-10839.	3.4	22
349	Seroprevalence rates of BKV, JCV, and MCPyV polyomaviruses in the general Czech Republic population. <i>Journal of Medical Virology</i> , 2014, 86, 1560-1568.	5.0	34
351	Low prevalence of Merkel cell polyomavirus with low viral loads in oral and maxillofacial tumours or tumour-like lesions from immunocompetent patients: Absence of Merkel cell polyomavirus-associated neoplasms. <i>Molecular and Clinical Oncology</i> , 2015, 3, 1301-1306.	1.0	16
352	Human polyomavirus type six in respiratory samples from hospitalized children with respiratory tract infections in Beijing, China. <i>Virology Journal</i> , 2015, 12, 166.	3.4	7
353	Viral Respiratory Tract Infections in Adult Patients Attending Outpatient and Emergency Departments, Taiwan, 2012–2013. <i>Medicine (United States)</i> , 2015, 94, e1545.	1.0	17
354	Host Subtraction, Filtering and Assembly Validations for Novel Viral Discovery Using Next Generation Sequencing Data. <i>PLoS ONE</i> , 2015, 10, e0129059.	2.5	44
355	Identification of Two Novel Members of the Tentative Genus Wukipolyomavirus in Wild Rodents. <i>PLoS ONE</i> , 2015, 10, e0140916.	2.5	22
356	JC, BK, and Other Polyomaviruses. , 2015, , 1807-1814.e3.		4
357	A Rolling Circle Amplification Screen for Polyomaviruses Other than BKPyV in Renal Transplant Recipients Confirms High Prevalence of Urinary JCPyV Shedding. <i>Intervirology</i> , 2015, 58, 88-94.	2.8	3
358	Bacterial and Respiratory Viral Interactions in the Etiology of Acute Otitis Media in HIV-infected and HIV-uninfected South African Children. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 753-760.	2.0	18
359	The Prevalence of Human Bocavirus, Human Coronavirus-NL63, Human Metapneumovirus, Human Polyomavirus KI and WU in Respiratory Tract Infections in Kuwait. <i>Medical Principles and Practice</i> , 2015, 24, 382-387.	2.4	16
360	Natural History of Polyomaviruses in Men: The HPV Infection in Men (HIM) Study. <i>Journal of Infectious Diseases</i> , 2015, 211, 1437-1446.	4.0	33
361	WU and KI Polyomavirus Prevalence in Invasive Respiratory Samples From Transplant Recipients in Cantabria, Spain. <i>Transplantation Proceedings</i> , 2015, 47, 67-69.	0.6	1

#	ARTICLE	IF	CITATIONS
362	WU and KI polyomaviruses in respiratory, blood and urine samples from renal transplant patients. <i>Journal of Clinical Virology</i> , 2015, 64, 28-33.	3.1	17
363	Detection of KI WU and Merkel cell polyomavirus in respiratory tract of cystic fibrosis patients. <i>Clinical Microbiology and Infection</i> , 2015, 21, 603.e9-603.e15.	6.0	15
364	The Role of Merkel Cell Polyomavirus and Other Human Polyomaviruses in Emerging Hallmarks of Cancer. <i>Viruses</i> , 2015, 7, 1871-1901.	3.3	41
365	Large T and small T antigens of Merkel cell polyomavirus. <i>Current Opinion in Virology</i> , 2015, 11, 38-43.	5.4	90
366	Agnoprotein of polyomavirus BK interacts with proliferating cell nuclear antigen and inhibits DNA replication. <i>Virology Journal</i> , 2015, 12, 7.	3.4	16
367	Advances in molecular diagnosis of parasitic enteropathogens. <i>Pathology</i> , 2015, 47, 234-242.	0.6	4
368	Prior human polyomavirus and papillomavirus infection and incident lung cancer: a nested caseâ€“control study. <i>Cancer Causes and Control</i> , 2015, 26, 1835-1844.	1.8	12
369	Production of recombinant VP1-derived virus-like particles from novel human polyomaviruses in yeast. <i>BMC Biotechnology</i> , 2015, 15, 68.	3.3	21
370	WU Polyomavirus in Respiratory Epithelial Cells from Lung Transplant Patient with Job Syndrome. <i>Emerging Infectious Diseases</i> , 2015, 21, 103-106.	4.3	21
371	Acquisition of Human Polyomaviruses in the First 18 Months of Life. <i>Emerging Infectious Diseases</i> , 2015, 21, 365-367.	4.3	23
372	Partial Sequence of a Novel Virus Isolated from Pelodiscus sinensis Hemorrhagic Disease. <i>Intervirology</i> , 2015, 58, 197-204.	2.8	18
373	NCBI Viral Genomes Resource. <i>Nucleic Acids Research</i> , 2015, 43, D571-D577.	14.5	541
374	Merkel cell polyomavirus, a highly prevalent virus with tumorigenic potential. <i>Current Opinion in Virology</i> , 2015, 14, 129-137.	5.4	33
375	PCR testing for Paediatric Acute Respiratory Tract Infections. <i>Paediatric Respiratory Reviews</i> , 2015, 16, 43-48.	1.8	16
376	Malawi Polyomavirus Is a Prevalent Human Virus That Interacts with Known Tumor Suppressors. <i>Journal of Virology</i> , 2015, 89, 857-862.	3.4	21
377	Pathogen Discovery. , 2016, , 80-91.		1
378	Multiorgan WU Polyomavirus Infection in Bone Marrow Transplant Recipient. <i>Emerging Infectious Diseases</i> , 2016, 22, 24-31.	4.3	19
379	In Vitro and In Vivo Models for the Study of Human Polyomavirus Infection. <i>Viruses</i> , 2016, 8, 292.	3.3	18

#	ARTICLE	IF	CITATIONS
380	Identification of Known and Novel Recurrent Viral Sequences in Data from Multiple Patients and Multiple Cancers. <i>Viruses</i> , 2016, 8, 53.	3.3	11
381	Detection of Malawi polyomavirus sequences in secondary lymphoid tissues from Italian healthy children: a transient site of infection. <i>Virology Journal</i> , 2016, 13, 97.	3.4	9
382	The Ancient Evolutionary History of Polyomaviruses. <i>PLoS Pathogens</i> , 2016, 12, e1005574.	4.7	190
383	Seroprevalence rates of HPyV6, HPyV7, TSPyV, HPyV9, MWPyV and KIPyV polyomaviruses among the healthy blood donors. <i>Journal of Medical Virology</i> , 2016, 88, 1254-1261.	5.0	35
384	Polyomaviruses <scp>BK</scp>,<scp> JC</scp>,<scp> KI</scp>,<scp> WU</scp>,<scp> MC</scp>, and <scp>TS</scp> in children with allogeneic hematopoietic stem cell transplantation. <i>Pediatric Transplantation</i> , 2016, 20, 424-431.	1.0	6
385	Diagnostic assays for polyomavirus JC and progressive multifocal leukoencephalopathy. <i>Reviews in Medical Virology</i> , 2016, 26, 102-114.	8.3	15
386	JC Polyomavirus Infection of Primary Human Renal Epithelial Cells Is Controlled by a Type I IFN-Induced Response. <i>MBio</i> , 2016, 7, .	4.1	44
387	Absence of an association of human polyomavirus and papillomavirus infection with lung cancer in China: a nested caseâ€“control study. <i>BMC Cancer</i> , 2016, 16, 342.	2.6	10
388	Polyomaviruses. <i>Microbiology Spectrum</i> , 2016, 4, .	3.0	28
389	Merkel Cell Carcinoma: Characteristics, Management, and What's on the Horizon. <i>Clinical Skin Cancer</i> , 2016, 1, 66-74.	0.1	1
390	No Evidence of Human Polyomavirus 9, WU and KI DNA in Kidney and Urinary Bladder Tumour Tissue Samples. <i>Pathobiology</i> , 2016, 83, 252-257.	3.8	9
391	Novel human DNA viruses and their putative associations with human diseases. <i>Molecular Biology</i> , 2016, 50, 551-566.	1.3	2
392	WU and KI polyomavirus infections in Filipino children with lower respiratory tract disease. <i>Journal of Clinical Virology</i> , 2016, 82, 112-118.	3.1	18
393	Human Polyomavirus and Papillomavirus Infection and Disease Posttransplant. , 2016, , 631-652.		6
394	Emerging and Rare Viral Infections in Transplantation. , 2016, , 911-924.		1
395	Human polyomaviruses and incidence of cutaneous squamous cell carcinoma in the New Hampshire skin cancer study. <i>Cancer Medicine</i> , 2016, 5, 1239-1250.	2.8	8
397	Polyomavirus Persistence. <i>Annual Review of Virology</i> , 2016, 3, 517-532.	6.7	35
398	Human polyomavirus: Advantages and limitations as a human-specific viral marker in aquatic environments. <i>Water Research</i> , 2016, 105, 456-469.	11.3	45

#	ARTICLE	IF	CITATIONS
399	Serum biomarkers of polyomavirus infection and risk of lung cancer in never smokers. British Journal of Cancer, 2016, 115, 1131-1139.	6.4	13
400	BK and Other Polyomaviruses in Kidney Transplantation. Seminars in Nephrology, 2016, 36, 372-385.	1.6	26
401	Emerging From the Unknown: Structural and Functional Features of Agnoprotein of Polyomaviruses. Journal of Cellular Physiology, 2016, 231, 2115-2127.	4.1	28
402	Detection of human polyomaviruses MCPyV, HPyV6, and HPyV7 in malignant and non-malignant tonsillar tissues. Journal of Medical Virology, 2016, 88, 695-702.	5.0	36
403	Studies of human polyomaviruses, with <scp>HP</scp>yV7, <scp>BKP</scp>yV, and <scp>JCP</scp>yV present in urine of allogeneic hematopoietic stem cell transplanted patients with or without hemorrhagic cystitis. Transplant Infectious Disease, 2016, 18, 240-246.	1.7	11
404	Complete Genome Sequence of a Novel Human WU Polyomavirus Isolate Associated with Acute Respiratory Infection. Genome Announcements, 2016, 4, .	0.8	4
405	Limited variation during circulation of a polyomavirus in the human population involves the COCO-VA toggling site of Middle and Alternative T-antigen(s). Virology, 2016, 487, 129-140.	2.4	10
406	High diversity of human polyomaviruses in environmental and clinical samples in Argentina: Detection of JC, BK, Merkel-cell, Malawi, and human 6 and 7 polyomaviruses. Science of the Total Environment, 2016, 542, 192-202.	8.0	30
407	Distribution of Parvovirus 4 and KI/WU polyomaviruses in HIV-positive blood donations, France. Journal of Clinical Virology, 2016, 74, 43-44.	3.1	0
408	Seroepidemiology of Human Polyomaviruses in a US Population. American Journal of Epidemiology, 2016, 183, 61-69.	3.4	111
409	A novel pulmonary polyomavirus in alpacas (Vicugna pacos). Veterinary Microbiology, 2017, 201, 49-55.	1.9	6
410	The biology of JC polyomavirus. Biological Chemistry, 2017, 398, 839-855.	2.5	58
411	Molecular epidemiology of WU polyomavirus in hospitalized children with acute respiratory tract infection in China. Future Microbiology, 2017, 12, 481-489.	2.0	6
412	Viruses in cystic fibrosis patients'™ airways. Critical Reviews in Microbiology, 2017, 43, 690-708.	6.1	26
413	Isolation and characterization of a novel putative human polyomavirus. Virology, 2017, 506, 45-54.	2.4	77
414	Merkel cell carcinoma. Nature Reviews Disease Primers, 2017, 3, 17077.	30.5	393
415	Merkel cell polyomavirus and Merkel cell carcinoma. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160276.	4.0	78
416	Complete Genome Sequence of a Novel WU Polyomavirus Isolate from Arkansas, USA, Associated with Acute Respiratory Infection. Genome Announcements, 2017, 5, .	0.8	1

#	ARTICLE	IF	CITATIONS
417	Characterization of the nasopharyngeal viral microbiome from children with community-acquired pneumonia but negative for Luminex xTAG respiratory viral panel assay detection. <i>Journal of Medical Virology</i> , 2017, 89, 2098-2107.	5.0	18
418	A Naturally Transmitted Epitheliotropic Polyomavirus Pathogenic in Immunodeficient Rats: Characterization, Transmission, and Preliminary Epidemiologic Studies. <i>Toxicologic Pathology</i> , 2017, 45, 593-603.	1.8	10
419	Identification and genetic characterization of a novel circular single-stranded DNA virus in a human upper respiratory tract sample. <i>Archives of Virology</i> , 2017, 162, 3305-3312.	2.1	17
420	Human Washington University Polyomavirus in Patients with Respiratory Tract Infection in Kuwait. <i>Medical Principles and Practice</i> , 2017, 26, 542-546.	2.4	0
421	Progressive Multifocal Leukoencephalopathy: Endemic Viruses and Lethal Brain Disease. <i>Annual Review of Virology</i> , 2017, 4, 349-367.	6.7	31
422	Multiplex detection in tonsillar tissue of all known human polyomaviruses. <i>BMC Infectious Diseases</i> , 2017, 17, 409.	2.9	16
423	Entry, infection, replication, and egress of human polyomaviruses: an update. <i>Canadian Journal of Microbiology</i> , 2017, 63, 193-211.	1.7	16
424	Polyomaviruses. , 2017, , 1445-1448.e1.		0
425	Human Polyomaviruses: The Battle of Large and Small Tumor Antigens. <i>Virology: Research and Treatment</i> , 2017, 8, 1178122X1774478.	3.5	22
426	Evolution of SARS Coronavirus and the Relevance of Modern Molecular Epidemiology. , 2017, , 601-619.		5
427	Etiology of respiratory tract infections in the community and clinic in Ilorin, Nigeria. <i>BMC Research Notes</i> , 2017, 10, 712.	1.4	12
428	Polyomavirus microRNA in saliva reveals persistent infectious status in the oral cavity. <i>Virus Research</i> , 2018, 249, 1-7.	2.2	15
429	BK, JC, and Other Human Polyomaviruses. , 2018, , 1105-1107.e2.		0
430	Novel Human Polyomavirus Noncoding Control Regions Differ in Bidirectional Gene Expression according to Host Cell, Large T-Antigen Expression, and Clinically Occurring Rearrangements. <i>Journal of Virology</i> , 2018, 92, .	3.4	29
431	Development and Evaluation of a Broad Bead-Based Multiplex Immunoassay To Measure IgG Seroreactivity against Human Polyomaviruses. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	28
432	Antibody response to polyomavirus primary infection: high seroprevalence of Merkel cell polyomavirus and lymphoid tissue involvement. <i>Journal of NeuroVirology</i> , 2018, 24, 314-322.	2.1	15
433	Survey of KI, WU, MW, and STL Polyomavirus in Cancerous and Non-Cancerous Lung Tissues. <i>Pathobiology</i> , 2018, 85, 179-185.	3.8	5
434	Oncogenic papillomavirus and polyomavirus in urban sewage in Egypt. <i>Science of the Total Environment</i> , 2018, 610-611, 1413-1420.	8.0	15

#	ARTICLE	IF	CITATIONS
435	Metagenomics in pediatrics: using a shotgun approach to diagnose infections. Current Opinion in Pediatrics, 2018, 30, 125-130.	2.0	8
436	Polyomaviruses of Humans. , 2018, , .		0
437	Advances in Clinical Sample Preparation for Identification and Characterization of Bacterial Pathogens Using Metagenomics. Frontiers in Public Health, 2018, 6, 363.	2.7	48
438	Detection of Viral RNA Splicing in Diagnostic Virology. , 2018, , 345-402.		1
439	Study of Karolinska Institutet and Washington University polyomaviruses in tonsil, adenoid, throat swab and middle ear fluid samples. Future Microbiology, 2018, 13, 1719-1730.	2.0	7
440	Production and characterization of monoclonal antibodies specific for major capsid VP1 protein of trichodysplasia spinulosa associated polyomavirus. Microbiology and Immunology, 2018, 62, 763-773.	1.4	2
441	Human polyomaviruses and cancer: an overview. Clinics, 2018, 73, e558s.	1.5	62
442	Complete Genome Sequence of a Porcine Polyomavirus from Nasal Swabs of Pigs with Respiratory Disease. Genome Announcements, 2018, 6, .	0.8	6
443	DNA from Human Polyomaviruses, MWPvV, HPvV6, HPvV7, HPvV9 and HPvV12 in Cutaneous T-cell Lymphomas. Anticancer Research, 2018, 38, 4111-4114.	1.1	9
444	Prevalence of Respiratory Polyomaviruses Among Pediatric Patients With Respiratory Symptoms in Singapore. Frontiers in Pediatrics, 2018, 6, 228.	1.9	6
445	WU polyomavirus detected in children with severe respiratory failure. Journal of Clinical Virology, 2018, 107, 25-28.	3.1	4
446	Duplex real-time polymerase chain reaction assay for the detection of human KIPyV and WUPyV in nasopharyngeal aspirate pediatric samples. Molecular and Cellular Probes, 2018, 40, 13-18.	2.1	2
447	Human DNA Virus Exploitation of the MAPK-ERK Cascade. International Journal of Molecular Sciences, 2019, 20, 3427.	4.1	48
448	Target-independent high-throughput sequencing methods provide evidence that already known human viral pathogens play a main role in respiratory infections with unexplained etiology. Emerging Microbes and Infections, 2019, 8, 1054-1065.	6.5	4
449	Human virome in nasopharynx and tracheal secretion samples. Memorias Do Instituto Oswaldo Cruz, 2019, 114, e190198.	1.6	6
450	Polyomaviruses shedding in stool of patients with hematological disorders: detection analysis and study of the non-coding control region's genetic variability. Medical Microbiology and Immunology, 2019, 208, 845-854.	4.8	5
451	Effect of the Large and Small T-Antigens of Human Polyomaviruses on Signaling Pathways. International Journal of Molecular Sciences, 2019, 20, 3914.	4.1	18
452	Development of a Rhinovirus Inoculum Using a Reverse Genetics Approach. Journal of Infectious Diseases, 2019, 220, 187-194.	4.0	6

#	ARTICLE	IF	CITATIONS
453	Occurrence of newly discovered human polyomaviruses in skin of liver transplant recipients and their relation with squamous cell carcinoma <i>in situ</i> and actinic keratosis – a single-center cohort study. Transplant International, 2019, 32, 516-522.	1.6	19
454	The phylogenetic approach for viral infectious disease evolution and epidemiology: An updating review. Journal of Medical Virology, 2019, 91, 1707-1724.	5.0	16
455	Discovery of a novel potexvirus in the seagrass <i>Thalassia testudinum</i> from Tampa Bay, Florida. Limnology and Oceanography Letters, 2019, 4, 1-8.	3.9	5
456	Sialic Acids in Nonenveloped Virus Infections. Advances in Carbohydrate Chemistry and Biochemistry, 2019, 76, 65-111.	0.9	13
457	Codon usage patterns of LT-Ag genes in polyomaviruses from different host species. Virology Journal, 2019, 16, 137.	3.4	6
458	Prevalence of DNA of fourteen human polyomaviruses determined in blood donors. Transfusion, 2019, 59, 3689-3697.	1.6	20
459	Polyomaviruses of the skin: integrating molecular and clinical advances in an emerging class of viruses. British Journal of Dermatology, 2019, 180, 1302-1311.	1.5	21
460	Establishment of rapid detection method and surveillance of budgerigar fledgling disease virus using a TaqMan Real-Time PCR. Molecular and Cellular Probes, 2019, 43, 80-83.	2.1	2
461	The Biology and Clinical Features of Cutaneous Polyomaviruses. Journal of Investigative Dermatology, 2019, 139, 285-292.	0.7	19
462	Infection and Propagation of Astrovirus VA1 in Cell Culture. Current Protocols in Microbiology, 2019, 52, e73.	6.5	11
463	The occurrence of polyomaviruses WUPyV and KIPyV among patients with severe respiratory infections. Brazilian Journal of Microbiology, 2019, 50, 133-137.	2.0	4
464	Expression of novel proteins by polyomaviruses and recent advances in the structural and functional features of agnoprotein of JC virus, BK virus, and simian virus 40. Journal of Cellular Physiology, 2019, 234, 8295-8315.	4.1	25
465	Human Viruses: Emergence and Evolution. , 2020, , 53-68.		3
466	Nucleic Acid-Based Screening of Maternal Serum to Detect Viruses in Women with Labor or PROM. Reproductive Sciences, 2020, 27, 537-544.	2.5	5
467	Evolution and molecular epidemiology of polyomaviruses. Infection, Genetics and Evolution, 2020, 79, 104150.	2.3	19
468	Human Polyomaviruses in the Cerebrospinal Fluid of Neurological Patients. Microorganisms, 2020, 8, 16.	3.6	9
469	Isolation and characterization of WUPyV in polarized human airway epithelial cells. BMC Infectious Diseases, 2020, 20, 488.	2.9	2
470	Fifty Years of JC Polyomavirus: A Brief Overview and Remaining Questions. Viruses, 2020, 12, 969.	3.3	28

#	ARTICLE	IF	CITATIONS
471	Beyond Cytomegalovirus and Epstein-Barr Virus: a Review of Viruses Composing the Blood Virome of Solid Organ Transplant and Hematopoietic Stem Cell Transplant Recipients. <i>Clinical Microbiology Reviews</i> , 2020, 33, .	13.6	32
472	Genetic Diversity of the Noncoding Control Region of the Novel Human Polyomaviruses. <i>Viruses</i> , 2020, 12, 1406.	3.3	21
473	Investigation of simian virus 40 (SV40) and human JC, BK, MC, KI, and WU polyomaviruses in glioma. <i>Journal of NeuroVirology</i> , 2020, 26, 347-357.	2.1	9
474	Current and Future Point-of-Care Tests for Emerging and New Respiratory Viruses and Future Perspectives. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 181.	3.9	41
475	WU polyomavirus detection in a pediatric liver transplant recipient with interstitial pneumonitis. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 530-532.	1.7	2
476	Respiratory viruses crossing the species barrier and emergence of new human coronavirus infectious disease. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 37-42.	1.3	5
477	Human Viruses: Infection, Prevention and Potential Target(s) for Therapy—A Comprehensive Review. , 2021, , 3-54.		0
478	Antivirals against human polyomaviruses: Leaving no stone unturned. <i>Reviews in Medical Virology</i> , 2021, 31, e2220.	8.3	9
479	Biology of Polyomavirus miRNA. <i>Frontiers in Microbiology</i> , 2021, 12, 662892.	3.5	8
480	Detection of Quebec Polyomavirus DNA in Samples from Different Patient Groups. <i>Microorganisms</i> , 2021, 9, 1082.	3.6	7
481	Detection of respiratory viruses in primary cholesteatoma tissues. <i>Journal of Medical Virology</i> , 2021, 93, 6132-6139.	5.0	2
482	KI and WU Polyomavirus in Respiratory Samples of SARS-CoV-2 Infected Patients. <i>Microorganisms</i> , 2021, 9, 1259.	3.6	3
483	BK Polyomavirus—Biology, Genomic Variation and Diagnosis. <i>Viruses</i> , 2021, 13, 1502.	3.3	18
484	Complete Genome Sequences of Two WU Polyomaviruses Detected in Pediatric Patients with Fatal Respiratory Infection. <i>Microbiology Resource Announcements</i> , 2021, 10, e0005221.	0.6	1
485	JC and Human polyomavirus 9 after kidney transplantation: An exploratory serological cohort study. <i>Journal of Clinical Virology</i> , 2021, 143, 104944.	3.1	4
486	Molecular Screening of KI and WU Polyomaviruses among Patients with Chronic Kidney Disease and Urinary Tract Infections. <i>Indian Journal of Forensic Medicine and Toxicology (discontinued)</i> , 2021, 15, 1366-1373.	0.0	0
487	Ubiquitous Merkel Cell Polyomavirus: Causative Agent of the Rare Merkel Cell Carcinoma. , 2021, , 353-383.		0
488	HPyV6 and HPyV7 in urine from immunocompromised patients. <i>Virology Journal</i> , 2021, 18, 24.	3.4	5

#	ARTICLE	IF	CITATIONS
489	In Vitro Replication Assay for Merkel Cell Polyomavirus (MCPyV). Current Protocols in Microbiology, 2015, 38, 14F.2.1-19.	6.5	5
490	Polyomaviruses and Disease. , 2009, , 53-74.		3
491	The Role of Viruses in the Genesis of Hodgkin Lymphoma. Hematologic Malignancies, 2020, , 25-45.	0.2	1
492	The Role of Viruses in the Genesis of Hodgkin Lymphoma. , 2011, , 21-32.		3
493	HUMAN POLYOMAVIRUSES. , 2009, , 1923-1930.		2
494	KI Polyomavirus Detected in Respiratory Tract Specimens From Patients in St. Louis, Missouri. Pediatric Infectious Disease Journal, 2010, 29, 329-333.	2.0	20
495	Characterization of the non-coding control region of polyomavirus KI isolated from nasopharyngeal samples from patients with respiratory symptoms or infection and from blood from healthy blood donors in Norway. Journal of General Virology, 2016, 97, 1647-1657.	2.9	10
496	Prevalence and risk factors of human polyomavirus infections in non-malignant tonsils and gargles: the SPLIT study. Journal of General Virology, 2018, 99, 1686-1698.	2.9	10
497	Early and late promoters of BK polyomavirus, Merkel cell polyomavirus, Trichodysplasia spinulosa-associated polyomavirus and human polyomavirus 12 are among the strongest of all known human polyomaviruses in 10 different cell lines. Journal of General Virology, 2015, 96, 2293-2303.	2.9	18
499	Microbial Genomics and Pathogen Discovery. , 0, , 238-251.		1
500	Molecular Microbiology. , 0, , 54-90.		4
501	DNA from KI, WU and Merkel Cell Polyomaviruses Is Not Detected in Childhood Central Nervous System Tumours or Neuroblastomas. PLoS ONE, 2009, 4, e8239.	2.5	23
502	A Sensitive Assay for Virus Discovery in Respiratory Clinical Samples. PLoS ONE, 2011, 6, e16118.	2.5	80
503	Infrequent Detection of KI, WU and MC Polyomaviruses in Immunosuppressed Individuals with or without Progressive Multifocal Leukoencephalopathy. PLoS ONE, 2011, 6, e16736.	2.5	14
504	Identification of a Novel Human Polyomavirus in Organs of the Gastrointestinal Tract. PLoS ONE, 2013, 8, e58021.	2.5	131
505	Characterization of a Novel Polyomavirus Isolated from a Fibroma on the Trunk of an African Elephant (Loxodonta africana). PLoS ONE, 2013, 8, e77884.	2.5	19
506	Identification of Novel Viruses Using VirusHunter -- an Automated Data Analysis Pipeline. PLoS ONE, 2013, 8, e78470.	2.5	68
507	Identification of the Neutralizing Epitopes of Merkel Cell Polyomavirus Major Capsid Protein within the BC and EF Surface Loops. PLoS ONE, 2015, 10, e0121751.	2.5	10

#	ARTICLE	IF	CITATIONS
508	Common Commensal Cancer Viruses. PLoS Pathogens, 2017, 13, e1006078.	4.7	29
510	Emerging Viral Diseases. , 2015, , .		4
511	New Respiratory Viruses and the Elderly. Open Respiratory Medicine Journal, 2011, 5, 61-69.	0.4	41
512	An overview on human polyomaviruses biology and related diseases. Future Virology, 2019, 14, 487-501.	1.8	8
513	Diagnosis of Polyomavirus Infection, Replication, and Disease. Infectious Disease and Therapy, 2010, , 401-424.	0.0	2
514	Polyomaviruses KI and WU in Immunocompromised Patients with Respiratory Disease. Emerging Infectious Diseases, 2009, 15, 107-109.	4.3	47
515	Review: The Important Bacterial Zoonoses in “One Health” Concept. Frontiers in Public Health, 2014, 2, 144.	2.7	91
516	Human BK Polyomavirus “The Potential for Head and Neck Malignancy and Disease. Cancers, 2015, 7, 1244-1270.	3.7	8
517	Different behaviour of BK-virus infection in liver transplant recipients. World Journal of Gastroenterology, 2016, 22, 1532.	3.3	13
518	Merkel Cell Polyomavirus: A Causal Factor in Merkel Cell Carcinoma. , 0, , .		1
519	Prevalence of Merkel Cell Polyomavirus in Tehran: An Age-Specific Serological Study. Iranian Red Crescent Medical Journal, 2016, 18, e26097.	0.5	10
520	The Prevalence of Human Metapneumovirus and Respiratory Syncytial Virus and Coinfection With Both in Hospitalized Children With Acute Respiratory Infection in South of Iran. Archives of Pediatric Infectious Diseases, 2015, 3, .	0.3	13
522	Natural History of Cutaneous Human Polyomavirus Infection in Healthy Individuals. Frontiers in Microbiology, 2021, 12, 740947.	3.5	9
524	Infections in the Immunocompromised. Advances in Experimental Medicine and Biology, 2010, 659, 1-18.	1.6	5
525	Detection and diagnosis of new pathogens. Microbiology Australia, 2010, 31, 124.	0.4	0
526	Respiratory Infections. , 2010, , 67-82.		1
527	Polyomaviruses. , 2010, , 1570-1572.		1
528	JC, BK, and Other Polyomaviruses. , 2010, , 2051-2058.		3

#	ARTICLE	IF	CITATIONS
534	Polyomaviruses and Cancer. , 2012, , 337-375.		1
535	WU Polyomavirus Infections in Children in Fuzhou, China. , 2012, 01, .		0
536	BK, JC, and Other Human Polyomaviruses. , 2012, , 1075-1077.e4.		0
537	Is it the Lower Respiratory Tract a Real Replication Site for KI Polyomavirus?. Journal of Virology & Antiviral Research, 2012, 01, .	0.1	0
538	Viruses with a Double-Stranded DNA Genome. , 2013, , 625-873.		2
539	Human Polyomavirus (HPyV) and Organ Transplantation. , 2014, , 319-333.		0
540	Polyomaviruses: Progressive Multifocal Leukoencephalopathy and Other Diseases. , 2014, , 1135-1161.		0
541	Human Bocavirus: a Newly Discovered Human Parvovirus. , 0, , 21-38.		0
542	Latent Viral Infections. , 0, , 339-369.		0
543	Prevalence of Polyomaviruses in Polish patients. Current Issues in Pharmacy and Medical Sciences, 2014, 27, 250-252.	0.4	0
544	The Role of Viruses in the Genesis of Hodgkin Lymphoma. Hematologic Malignancies, 2015, , 27-43.	0.2	0
545	Human Polyomaviruses. , 0, , 1803-1817.		0
546	Respiratory Viruses. , 0, , 598-609.		0
547	DNA Sequencing for Clinical and Public Health Virology: Some Assembly Required. , 0, , 173-199.		0
548	Human Polyomaviruses. , 0, , 427-442.		0
549	Molecular Amplification Methods in Diagnostic Virology. , 2016, , 35-55.		1
550	Polyomaviruses. , 0, , 197-216.		2
551	Ecological Factors of Transmission, Persistence and Circulation of Pathogens In Bat Populations. Folia Veterinaria, 2019, 63, 32-40.	0.1	2

#	ARTICLE	IF	CITATIONS
552	Survey of WU and KI polyomaviruses, coronaviruses, respiratory syncytial virus and parechovirus in children under 5 years of age in Tehran, Iran. Iranian Journal of Microbiology, 0, , .	0.8	3
553	Newly discovered viruses. , 2020, , 951-957.		0
554	WU Polyomavirus Infection in Children, Germany. Emerging Infectious Diseases, 2008, 14, 680-681.	4.3	7
555	Emerging viral diseases. The Maryland Medicine: MM: A Publication of MEDCHI Maryland State Medical Society, 2008, 9, 11, 13-6.	0.0	5
556	Polyomaviruses of nonhuman primates: implications for research. Comparative Medicine, 2008, 58, 51-6.	1.0	13
557	Multiple Skin Cancers in a Renal Transplant Recipient: A Patient Report with Analyses of Human Papillomavirus and Human Polyomavirus Infection. Yonago Acta Medica, 2015, 58, 145-50.	0.7	1
558	Survey of WU and KI polyomaviruses, coronaviruses, respiratory syncytial virus and parechovirus in children under 5 years of age in Tehran, Iran. Iranian Journal of Microbiology, 2020, 12, 164-169.	0.8	1
562	Translating genomic exploration of the family Polyomaviridae into confident human polyomavirus detection. IScience, 2022, 25, 103613.	4.1	2
563	Molecular Characterization of a Novel Budgerigar Fledgling Disease Virus Strain From Budgerigars in China. Frontiers in Veterinary Science, 2021, 8, 813397.	2.2	4
564	Functional Domains of the Early Proteins and Experimental and Epidemiological Studies Suggest a Role for the Novel Human Polyomaviruses in Cancer. Frontiers in Microbiology, 2022, 13, 834368.	3.5	6
565	WU Polyomavirus Infection in Children With Acute Lower Respiratory Tract Infections in China, 2017 to 2019: Case Reports and Multicentre Epidemiological Survey. Frontiers in Cellular and Infection Microbiology, 2021, 11, 835946.	3.9	3
566	KI and WU Polyomaviruses: Seroprevalence Study and DNA Prevalence in SARS-CoV-2 RNA Positive and Negative Respiratory Samples. Microorganisms, 2022, 10, 752.	3.6	1
571	A STUDY OF THE NOVEL WU AND KI POLYOMAVIRUSES, BOCAVIRUS ADENOVIRUS IN CHILDREN WITH UPPER RESPIRATORY TRACT INFECTIONS. Wiadomości Lekarskie, 2022, 75, 1678-1682.	0.3	0
572	Freshwater macrophytes harbor viruses representing all five major phyla of the RNA viral kingdom <i>Orthornavirae</i>. PeerJ, 0, 10, e13875.	2.0	6
573	Microbial lectome versus host glycolipidome: How pathogens exploit glycosphingolipids to invade, dupe or kill. Frontiers in Microbiology, 0, 13, .	3.5	3
574	Deciphering the role of predicted miRNAs of polyomaviruses in carcinogenesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166537.	3.8	0
575	Correlation of Polyomaviruses (PyV) Infection with The Incidence of Breast Cancer in Iraqi Women. , 2022, , .		0
576	Detection Analysis and Study of Genomic Region Variability of JCPyV, BKPyV, MCPyV, HPyV6, HPyV7 and QPyV in the Urine and Plasma of HIV-1-Infected Patients. Viruses, 2022, 14, 2544.	3.3	2

#	ARTICLE	IF	CITATIONS
577	BK, JC, and Other Human Polyomaviruses. , 2023, , 1123-1125.e3.		0
578	JC polyomavirus: a short review of its biology, its association with progressive multifocal leukoencephalopathy, and the diagnostic value of different methods to manifest its activity or presence. Expert Review of Molecular Diagnostics, 2023, 23, 143-157.	3.1	1
579	Serology Identifies LIPyV as a Feline Rather than a Human Polyomavirus. Viruses, 2023, 15, 1546.	3.3	1
580	Human Polyomavirus 7 and WU Polyomavirus-Associated Lymphocytic Bronchitis/Bronchiolitis in Native and Allograft Lung Biopsies From Immunocompromised Patients: Report of 3 Cases and Review of Literature. AJSP Review and Reports, 2018, 23, 279-283.	0.1	0
581	Phosphorylation of Human Polyomavirus Large and Small T Antigens: An Ignored Research Field. Viruses, 2023, 15, 2235.	3.3	0