

# Marc Van Ranst

## List of Publications by Citations

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438  
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476  
ext. papers

23,486  
ext. citations

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6.56  
L-index

#	Paper	IF	Citations
438	Progressive multifocal leukoencephalopathy after natalizumab therapy for Crohn's disease. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 362-8	59.2	877
437	Uniformity of rotavirus strain nomenclature proposed by the Rotavirus Classification Working Group (RCWG). <i>Archives of Virology</i> , <b>2011</b> , 156, 1397-413	2.6	699
436	Full genome-based classification of rotaviruses reveals a common origin between human Wa-Like and porcine rotavirus strains and human DS-1-like and bovine rotavirus strains. <i>Journal of Virology</i> , <b>2008</b> , 82, 3204-19	6.6	661
435	Recommendations for the classification of group A rotaviruses using all 11 genomic RNA segments. <i>Archives of Virology</i> , <b>2008</b> , 153, 1621-9	2.6	523
434	In vitro inhibition of severe acute respiratory syndrome coronavirus by chloroquine. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 323, 264-8	3.4	441
433	Complete genomic sequence of human coronavirus OC43: molecular clock analysis suggests a relatively recent zoonotic coronavirus transmission event. <i>Journal of Virology</i> , <b>2005</b> , 79, 1595-604	6.6	344
432	RotaC: a web-based tool for the complete genome classification of group A rotaviruses. <i>BMC Microbiology</i> , <b>2009</b> , 9, 238	4.5	322
431	First cases of coronavirus disease 2019 (COVID-19) in the WHO European Region, 24 January to 21 February 2020. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	310
430	Virologic versus cytologic triage of women with equivocal Pap smears: a meta-analysis of the accuracy to detect high-grade intraepithelial neoplasia. <i>Journal of the National Cancer Institute</i> , <b>2004</b> , 96, 280-93	9.7	300
429	VP6-sequence-based cutoff values as a criterion for rotavirus species demarcation. <i>Archives of Virology</i> , <b>2012</b> , 157, 1177-82	2.6	292
428	Evolutionary history and global spread of the emerging g12 human rotaviruses. <i>Journal of Virology</i> , <b>2007</b> , 81, 2382-90	6.6	254
427	Rotavirus disease and vaccination: impact on genotype diversity. <i>Future Microbiology</i> , <b>2009</b> , 4, 1303-16	2.9	248
426	Genotype constellation and evolution of group A rotaviruses infecting humans. <i>Current Opinion in Virology</i> , <b>2012</b> , 2, 426-33	7.5	218
425	Phylogenetic analyses of rotavirus genotypes G9 and G12 underscore their potential for swift global spread. <i>Molecular Biology and Evolution</i> , <b>2010</b> , 27, 2431-6	8.3	207
424	Treatment of severe laryngeal papillomatosis with intralesional injections of cidofovir [(S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine]. <i>Journal of Medical Virology</i> , <b>1998</b> , 54, 219-25	19.7	203
423	Phylogenetic classification of human papillomaviruses: correlation with clinical manifestations. <i>Journal of General Virology</i> , <b>1992</b> , 73 ( Pt 10), 2653-60	4.9	192
422	Plant lectins are potent inhibitors of coronaviruses by interfering with two targets in the viral replication cycle. <i>Antiviral Research</i> , <b>2007</b> , 75, 179-87	10.8	191

421	Antiviral activity of chloroquine against human coronavirus OC43 infection in newborn mice. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 3416-21	5.9	186
420	Are human P[14] rotavirus strains the result of interspecies transmissions from sheep or other ungulates that belong to the mammalian order Artiodactyla?. <i>Journal of Virology</i> , <b>2009</b> , 83, 2917-29	6.6	185
419	Rotavirus genotypes co-circulating in Europe between 2006 and 2009 as determined by EuroRotaNet, a pan-European collaborative strain surveillance network. <i>Epidemiology and Infection</i> , <b>2011</b> , 139, 895-909	4.3	184
418	Full genomic analysis of human rotavirus strain B4106 and lapine rotavirus strain 30/96 provides evidence for interspecies transmission. <i>Journal of Virology</i> , <b>2006</b> , 80, 3801-10	6.6	182
417	Modular approach to customise sample preparation procedures for viral metagenomics: a reproducible protocol for virome analysis. <i>Scientific Reports</i> , <b>2015</b> , 5, 16532	4.9	168
416	Evolutionary history of the closely related group 2 coronaviruses: porcine hemagglutinating encephalomyelitis virus, bovine coronavirus, and human coronavirus OC43. <i>Journal of Virology</i> , <b>2006</b> , 80, 7270-4	6.6	168
415	Rotavirus incidence and genotype distribution before and after national rotavirus vaccine introduction in Belgium. <i>Vaccine</i> , <b>2010</b> , 28, 7507-13	4.1	165
414	Successful treatment of a squamous papilloma of the hypopharynx-esophagus by local injections of (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine. <i>Journal of Medical Virology</i> , <b>1995</b> , 45, 230-5	19.7	165
413	Diagnostic performance of seven rapid IgG/IgM antibody tests and the Euroimmun IgA/IgG ELISA in COVID-19 patients. <i>Clinical Microbiology and Infection</i> , <b>2020</b> , 26, 1082-1087	9.5	163
412	Evolutionary dynamics of human rotaviruses: balancing reassortment with preferred genome constellations. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000634	7.6	153
411	Vaccinations in patients with immune-mediated inflammatory diseases. <i>Rheumatology</i> , <b>2010</b> , 49, 1815-23	3.9	151
410	Symptomatic Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Reinfection by a Phylogenetically Distinct Strain. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, 354-356	11.6	151
409	Animal papillomaviruses. <i>Virology</i> , <b>2013</b> , 445, 213-23	3.6	141
408	Prevalence of G2P[4] and G12P[6] rotavirus, Bangladesh. <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 18-24	10.2	141
407	Rolling-circle amplification of viral DNA genomes using phi29 polymerase. <i>Trends in Microbiology</i> , <b>2009</b> , 17, 205-11	12.4	138
406	A sequence-independent strategy for detection and cloning of circular DNA virus genomes by using multiply primed rolling-circle amplification. <i>Journal of Virology</i> , <b>2004</b> , 78, 4993-8	6.6	137
405	Relating increasing hantavirus incidences to the changing climate: the mast connection. <i>International Journal of Health Geographics</i> , <b>2009</b> , 8, 1	3.5	134
404	A standardized framework for accurate, high-throughput genotyping of recombinant and non-recombinant viral sequences. <i>Nucleic Acids Research</i> , <b>2009</b> , 37, W634-42	20.1	128

403	A novel pancoronavirus RT-PCR assay: frequent detection of human coronavirus NL63 in children hospitalized with respiratory tract infections in Belgium. <i>BMC Infectious Diseases</i> , <b>2005</b> , 5, 6	4	125
402	Ancient papillomavirus-host co-speciation in Felidae. <i>Genome Biology</i> , <b>2007</b> , 8, R57	18.3	124
401	STAT2 signaling restricts viral dissemination but drives severe pneumonia in SARS-CoV-2 infected hamsters. <i>Nature Communications</i> , <b>2020</b> , 11, 5838	17.4	122
400	Global patterns in monthly activity of influenza virus, respiratory syncytial virus, parainfluenza virus, and metapneumovirus: a systematic analysis. <i>The Lancet Global Health</i> , <b>2019</b> , 7, e1031-e1045	13.6	121
399	RNA interference-mediated silencing of the respiratory syncytial virus nucleocapsid defines a potent antiviral strategy. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2009</b> , 53, 3952-62	5.9	121
398	Hantaviruses: immunology, treatment, and prevention. <i>Viral Immunology</i> , <b>2004</b> , 17, 481-97	1.7	121
397	Transmission of HIV Drug Resistance and the Predicted Effect on Current First-line Regimens in Europe. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 655-663	11.6	117
396	Molecular identification of hepatitis B virus genotypes/subgenotypes: revised classification hurdles and updated resolutions. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 7152-68	5.6	117
395	Genetic analyses reveal differences in the VP7 and VP4 antigenic epitopes between human rotaviruses circulating in Belgium and rotaviruses in Rotarix and RotaTeq. <i>Journal of Clinical Microbiology</i> , <b>2012</b> , 50, 966-76	9.7	117
394	Development and Potential Usefulness of the COVID-19 Ag Respi-Strip Diagnostic Assay in a Pandemic Context. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 225	4.9	114
393	Effectiveness of rotavirus vaccination in prevention of hospital admissions for rotavirus gastroenteritis among young children in Belgium: case-control study. <i>BMJ, The</i> , <b>2012</b> , 345, e4752	5.9	112
392	Characterization of a novel P[25],G11 human group A rotavirus. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 3208-12	9.7	112
391	Genetic variability and molecular evolution of the human respiratory syncytial virus subgroup B attachment G protein. <i>Journal of Virology</i> , <b>2005</b> , 79, 9157-67	6.6	111
390	Feline papillomas and papillomaviruses. <i>Veterinary Pathology</i> , <b>2000</b> , 37, 1-10	2.8	106
389	Phase II double-blind, placebo-controlled study of the safety and efficacy of cidofovir topical gel for the treatment of patients with human papillomavirus infection. <i>Clinical Infectious Diseases</i> , <b>2001</b> , 33, 597-602	11.6	106
388	G8 rotavirus strains isolated in the Democratic Republic of Congo belong to the DS-1-like genogroup. <i>Journal of Clinical Microbiology</i> , <b>2006</b> , 44, 1801-9	9.7	101
387	Inhibition of SARS-coronavirus infection in vitro by S-nitroso-N-acetylpenicillamine, a nitric oxide donor compound. <i>International Journal of Infectious Diseases</i> , <b>2004</b> , 8, 223-6	10.5	101
386	High-throughput analysis of human cytomegalovirus genome diversity highlights the widespread occurrence of gene-disrupting mutations and pervasive recombination. <i>Journal of Virology</i> , <b>2015</b> , 89, 7673-7695	6.6	100

385	Molecular typing and epidemiology of enteroviruses identified from an outbreak of aseptic meningitis in Belgium during the summer of 2000. <i>Journal of Medical Virology</i> , <b>2003</b> , 70, 420-9	19.7	100
384	Evaluation of Versant hepatitis C virus genotype assay (LiPA) 2.0. <i>Journal of Clinical Microbiology</i> , <b>2008</b> , 46, 1901-6	9.7	96
383	Molecular evolution and circulation patterns of human respiratory syncytial virus subgroup a: positively selected sites in the attachment g glycoprotein. <i>Journal of Virology</i> , <b>2004</b> , 78, 4675-83	6.6	95
382	Rotavirus surveillance in Europe, 2005-2008: web-enabled reporting and real-time analysis of genotyping and epidemiological data. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 200 Suppl 1, S215-21	7	94
381	Treatment of anogenital papillomavirus infections with an acyclic nucleoside phosphonate analogue. <i>New England Journal of Medicine</i> , <b>1995</b> , 333, 943-4	59.2	94
380	Triage of women with equivocal or low-grade cervical cytology results: a meta-analysis of the HPV test positivity rate. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 648-59	5.6	88
379	Multiple reassortment and interspecies transmission events contribute to the diversity of feline, canine and feline/canine-like human group A rotavirus strains. <i>Infection, Genetics and Evolution</i> , <b>2011</b> , 11, 1396-406	4.5	88
378	Subgroup prevalence and genotype circulation patterns of human respiratory syncytial virus in Belgium during ten successive epidemic seasons. <i>Journal of Clinical Microbiology</i> , <b>2007</b> , 45, 3022-30	9.7	87
377	Development of one-step, real-time, quantitative reverse transcriptase PCR assays for absolute quantitation of human coronaviruses OC43 and 229E. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 5452-6	9.7	87
376	Reassortment of human rotavirus gene segments into G11 rotavirus strains. <i>Emerging Infectious Diseases</i> , <b>2010</b> , 16, 625-30	10.2	80
375	Antibody response against SARS-CoV-2 spike protein and nucleoprotein evaluated by four automated immunoassays and three ELISAs. <i>Clinical Microbiology and Infection</i> , <b>2020</b> , 26, 1557.e1-1557.e7 <sup>5</sup>	9.5	80
374	Influenza vaccination recording system in Belgium. <i>Archives of Public Health</i> , <b>2010</b> , 68,	2.6	78
373	Two out of the 11 genes of an unusual human G6P[6] rotavirus isolate are of bovine origin. <i>Journal of General Virology</i> , <b>2008</b> , 89, 2630-2635	4.9	78
372	A36 Circulating strains of human respiratory syncytial virus in Belgium during six consecutive respiratory seasons (2011-2017). <i>Virus Evolution</i> , <b>2018</b> , 4,	3.7	78
371	Emergence of Monkeypox as the Most Important Orthopoxvirus Infection in Humans. <i>Frontiers in Public Health</i> , <b>2018</b> , 6, 241	6	75
370	Cattle pathogen <i>trichomonas foetus</i> (Riedmüller, 1928) and pig commensal <i>Trichomonas suis</i> (Gruby & Delafond, 1843) belong to the same species. <i>Journal of Eukaryotic Microbiology</i> , <b>2002</b> , 49, 154-63 <sup>6</sup>	3.6	74
369	Predominance of rotavirus G9 genotype in children hospitalized for rotavirus gastroenteritis in Belgium during 1999-2003. <i>Journal of Clinical Virology</i> , <b>2005</b> , 33, 1-6	14.5	72
368	Hemorrhagic Fever with Renal Syndrome in the New, and Hantavirus Pulmonary Syndrome in the Old World: paradisiac lost or regained?. <i>Virus Research</i> , <b>2014</b> , 187, 55-8	6.4	71

367	Investigating the origin and spread of hepatitis C virus genotype 5a. <i>Journal of Virology</i> , <b>2006</b> , 80, 4220-66.6	71
366	Polyomavirus infection in pediatric renal transplant recipients: evaluation using a quantitative real-time PCR technique. <i>Pediatric Transplantation</i> , <b>2004</b> , 8, 485-92	1.8 71
365	Accuracy and Reproducibility of Low-Dose Submillisievert Chest CT for the Diagnosis of COVID-19. <i>Radiology: Cardiothoracic Imaging</i> , <b>2020</b> , 2, e200196	8.3 69
364	Evaluation of the new architect cytomegalovirus immunoglobulin M (IgM), IgG, and IgG avidity assays. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 1695-9	9.7 67
363	African origin of human T-lymphotropic virus type 2 (HTLV-2) supported by a potential new HTLV-2d subtype in Congolese Bambuti Efe Pygmies. <i>Journal of Virology</i> , <b>1998</b> , 72, 4327-40	6.6 67
362	Phenotypic assays and sequencing are less sensitive than point mutation assays for detection of resistance in mixed HIV-1 genotypic populations. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>1999</b> , 22, 107-18	3.1 66
361	A proposal for new criteria for the classification of hantaviruses, based on S and M segment protein sequences. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 813-20	4.5 65
360	Characterization of a novel close-to-root papillomavirus from a Florida manatee by using multiply primed rolling-circle amplification: <i>Trichechus manatus latirostris</i> papillomavirus type 1. <i>Journal of Virology</i> , <b>2004</b> , 78, 12698-702	6.6 65
359	Cloning and genomic characterization of <i>Felis domesticus</i> papillomavirus type 1. <i>Virology</i> , <b>2002</b> , 301, 313-21	3.6 65
358	Clinical predictive value of real-time PCR quantification of human cytomegalovirus DNA in amniotic fluid samples. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 660-5	9.7 63
357	Similar compliance and effect of treatment in chronic hepatitis C resulting from intravenous drug use in comparison with other infection causes. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2006</b> , 18, 159-66	2.2 63
356	Automated extraction of viral-pathogen RNA and DNA for high-throughput quantitative real-time PCR. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 5541-6	9.7 63
355	Pulmonary haemorrhage as a predominant cause of death in leptospirosis in Seychelles. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2000</b> , 94, 71-6	2 63
354	Whole genome sequencing and phylogenetic analysis of a zoonotic human G8P[14] rotavirus strain. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 1140-4	4.5 62
353	Canine oral papillomavirus genomic sequence: a unique 1.5-kb intervening sequence between the E2 and L2 open reading frames. <i>Virology</i> , <b>1994</b> , 204, 447-52	3.6 62
352	Impact of spacers on the hybridization efficiency of mixed self-assembled DNA/alkanethiol films. <i>Biosensors and Bioelectronics</i> , <b>2008</b> , 24, 72-7	11.8 61
351	Pyridine N-oxide derivatives are inhibitory to the human SARS and feline infectious peritonitis coronavirus in cell culture. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2006</b> , 57, 472-81	5.1 61
350	Circulation of genetically distinct contemporary human coronavirus OC43 strains. <i>Virology</i> , <b>2005</b> , 337, 85-92	3.6 61

349	A novel virus detected in papillomas and carcinomas of the endangered western barred bandicoot ( <i>Perameles bougainville</i> ) exhibits genomic features of both the Papillomaviridae and Polyomaviridae. <i>Journal of Virology</i> , <b>2007</b> , 81, 13280-90	6.6	60
348	Genetic characterization of a novel, naturally occurring recombinant human G6P[6] rotavirus. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 2088-95	9.7	60
347	Intravesical instillation of cidofovir in the treatment of hemorrhagic cystitis caused by adenovirus type 11 in a bone marrow transplant recipient. <i>Clinical Infectious Diseases</i> , <b>2005</b> , 40, 199-201	11.6	59
346	Cameroonian fruit bats harbor divergent viruses, including rotavirus H, bastroviruses, and picobirnaviruses using an alternative genetic code. <i>Virus Evolution</i> , <b>2018</b> , 4, vey008	3.7	58
345	Detection and characterization of human group C rotaviruses in Bangladesh. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 4460-5	9.7	56
344	Simian rotaviruses possess divergent gene constellations that originated from interspecies transmission and reassortment. <i>Journal of Virology</i> , <b>2010</b> , 84, 2013-26	6.6	54
343	Involvement of canine oral papillomavirus in generalized oral and cutaneous verrucosis in a Chinese Shar Pei dog. <i>Veterinary Pathology</i> , <b>1994</b> , 31, 183-7	2.8	54
342	Human papillomavirus type 13 and pygmy chimpanzee papillomavirus type 1: comparison of the genome organizations. <i>Virology</i> , <b>1992</b> , 190, 587-96	3.6	54
341	Analysis of the serotype and genotype correlation of VP1 and the 5' noncoding region in an epidemiological survey of the human enterovirus B species. <i>Journal of Clinical Microbiology</i> , <b>2004</b> , 42, 963-71	9.7	53
340	Full genome characterization of a porcine-like human G9P[6] rotavirus strain isolated from an infant in Belgium. <i>Infection, Genetics and Evolution</i> , <b>2012</b> , 12, 1492-500	4.5	51
339	Molecular Methods in Food Safety Microbiology: Interpretation and Implications of Nucleic Acid Detection. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2014</b> , 13, 551-577	16.4	51
338	Genomic characterization of novel dolphin papillomaviruses provides indications for recombination within the Papillomaviridae. <i>Virology</i> , <b>2008</b> , 378, 151-61	3.6	51
337	Avian papillomaviruses: the parrot <i>Psittacus erithacus</i> papillomavirus (PePV) genome has a unique organization of the early protein region and is phylogenetically related to the chaffinch papillomavirus. <i>BMC Microbiology</i> , <b>2002</b> , 2, 19	4.5	51
336	New findings in HCV genotype distribution in selected West European, Russian and Israeli regions. <i>Journal of Clinical Virology</i> , <b>2016</b> , 81, 82-9	14.5	50
335	Group A rotavirus universal mass vaccination: how and to what extent will selective pressure influence prevalence of rotavirus genotypes?. <i>Expert Review of Vaccines</i> , <b>2012</b> , 11, 1347-54	5.2	49
334	Are hepatitis B virus "subgenotypes" defined accurately?. <i>Journal of Clinical Virology</i> , <b>2010</b> , 47, 356-60	14.5	49
333	Psychological comorbidity increases the risk for postinfectious IBS partly by enhanced susceptibility to develop infectious gastroenteritis. <i>Gut</i> , <b>2016</b> , 65, 1279-88	19.2	48
332	Complete molecular genome analyses of equine rotavirus A strains from different continents reveal several novel genotypes and a largely conserved genotype constellation. <i>Journal of General Virology</i> , <b>2012</b> , 93, 866-875	4.9	48

331	Recent approaches in hantavirus vaccine development. <i>Expert Review of Vaccines</i> , <b>2009</b> , 8, 67-76	5.2	48
330	A pancoronavirus RT-PCR assay for detection of all known coronaviruses. <i>Methods in Molecular Biology</i> , <b>2008</b> , 454, 3-12	1.4	48
329	Primary resistance to integrase strand-transfer inhibitors in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 2885-8	5.1	47
328	Successful patching of iatrogenic rupture of the fetal membranes. <i>Placenta</i> , <b>2004</b> , 25, 352-6	3.4	47
327	Iron-ascorbate cleavable malic enzyme from hydrogenosomes of <i>Trichomonas vaginalis</i> : purification and characterization. <i>Molecular and Biochemical Parasitology</i> , <b>1996</b> , 83, 221-34	1.9	47
326	Detection of subgroup B respiratory syncytial virus in the cerebrospinal fluid of a patient with respiratory syncytial virus pneumonia. <i>Pediatric Infectious Disease Journal</i> , <b>2004</b> , 23, 1065-6	3.4	46
325	The <i>Mastomys natalensis</i> papillomavirus: nucleotide sequence, genome organization, and phylogenetic relationship of a rodent papillomavirus involved in tumorigenesis of cutaneous epithelia. <i>Virology</i> , <b>1994</b> , 198, 534-41	3.6	46
324	Higher proportion of G2P[4] rotaviruses in vaccinated hospitalized cases compared with unvaccinated hospitalized cases, despite high vaccine effectiveness against heterotypic G2P[4] rotaviruses. <i>Clinical Microbiology and Infection</i> , <b>2014</b> , 20, O702-10	9.5	45
323	Isolation and characterization of the first American bottlenose dolphin papillomavirus: <i>Tursiops truncatus</i> papillomavirus type 2. <i>Journal of General Virology</i> , <b>2006</b> , 87, 3559-3565	4.9	45
322	Sexually transmitted infections among married women in Dhaka, Bangladesh: unexpected high prevalence of herpes simplex type 2 infection. <i>Sexually Transmitted Infections</i> , <b>2001</b> , 77, 114-9	2.8	45
321	Inhibition of feline (FIPV) and human (SARS) coronavirus by semisynthetic derivatives of glycopeptide antibiotics. <i>Antiviral Research</i> , <b>2006</b> , 72, 20-33	10.8	44
320	Isolation and cloning of the raccoon ( <i>Procyon lotor</i> ) papillomavirus type 1 by using degenerate papillomavirus-specific primers. <i>Journal of General Virology</i> , <b>2005</b> , 86, 2029-2033	4.9	44
319	Mannan-binding lectin (MBL) gene polymorphisms in ulcerative colitis and Crohn's disease. <i>Genes and Immunity</i> , <b>2001</b> , 2, 323-8	4.4	44
318	Identification of alternative splice products encoded by the human coxsackie-adenovirus receptor gene. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 287, 216-22	3.4	44
317	JC viral loads in patients with Crohn's disease treated with immunosuppression: can we screen for elevated risk of progressive multifocal leukoencephalopathy?. <i>Gut</i> , <b>2008</b> , 57, 1393-7	19.2	43
316	Estimating the incidence of symptomatic rotavirus infections: a systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2009</b> , 4, e6060	3.7	42
315	Analysis of short novel human papillomavirus sequences. <i>Biochemical and Biophysical Research Communications</i> , <b>1994</b> , 204, 820-7	3.4	42
314	The cytokine-protease connection: identification of a 96-kD THP-1 gelatinase and regulation by interleukin-1 and cytokine inducers. <i>Cytokine</i> , <b>1991</b> , 3, 231-9	4	42



313	Isolation and cloning of a papillomavirus from a North American porcupine by using multiply primed rolling-circle amplification: the Erethizon dorsatum papillomavirus type 1. <i>Virology</i> , <b>2005</b> , 331, 449-56	3.6	40
312	Ten-year performance of Influenzanet: ILI time series, risks, vaccine effects, and care-seeking behaviour. <i>Epidemics</i> , <b>2015</b> , 13, 28-36	5.1	39
311	Complete genome characterization of recent and ancient Belgian pig group A rotaviruses and assessment of their evolutionary relationship with human rotaviruses. <i>Journal of Virology</i> , <b>2015</b> , 89, 1043-57	6.6	39
310	Limited cross-border infections in patients newly diagnosed with HIV in Europe. <i>Retrovirology</i> , <b>2013</b> , 10, 36	3.6	39
309	Genomic and functional characteristics of human cytomegalovirus revealed by next-generation sequencing. <i>Viruses</i> , <b>2014</b> , 6, 1049-72	6.2	39
308	Protection and mechanism of action of a novel human respiratory syncytial virus vaccine candidate based on the extracellular domain of small hydrophobic protein. <i>EMBO Molecular Medicine</i> , <b>2014</b> , 6, 1436-54	12	39
307	Genetic heterogeneity in human G6P[14] rotavirus strains detected in Hungary suggests independent zoonotic origin. <i>Journal of Infection</i> , <b>2009</b> , 59, 213-5	18.9	39
306	Increase in transmitted resistance to non-nucleoside reverse transcriptase inhibitors among newly diagnosed HIV-1 infections in Europe. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 407	4	38
305	Novel hepatitis B virus subgenotype A6 in African-Belgian patients. <i>Journal of Clinical Virology</i> , <b>2010</b> , 47, 93-6	14.5	38
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26	Molecular detection and genomic characterization of diverse hepaciviruses in African rodents. <i>Virus Evolution</i> , <b>2021</b> , 7, veab036	3.7	2



25	The virota and its transkingdom interactions in the healthy infant gut.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2114619119	11.5	2
24	A45 Genetic diversity of anelloviruses in the blood virome. <i>Virus Evolution</i> , <b>2019</b> , 5,	3.7	1
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22	Severe crescentic glomerulonephritis linked to an acute Hantaan virus infection?. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 1448-9	4.3	1
21	Puumala virus reference strain for hantavirus serodiagnosis in France. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2010</b> , 29, 1-2; author reply 3	5.3	1
20	Post-exposure prophylaxis after accidental prion inoculation. <i>Lancet, The</i> , <b>1998</b> , 351, 600	4.0	1
19	Sequence databases and database searching33-67		1
18	Poliovirus sampling by using sodium dodecyl sulfate/EDTA-pretreated chromatography paper strips. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 325, 711-5	3.4	1
17	Letter to the editor: The first tick-borne encephalitis case in the Netherlands: reflections and a note of caution. <i>Eurosurveillance</i> , <b>2016</b> , 21,	19.8	1
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14	Unravelling the evolutionary relationships of hepaciviruses within and across rodent hosts		1
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11	Guidelines for the management of chronic hepatitis C in patients infected after substance use. <i>Acta Gastro-Enterologica Belgica</i> , <b>2005</b> , 68, 38-45	0.6	1
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