

Marc Van Ranst

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

438
papers

20,493
citations

71
h-index

125
g-index

476
ext. papers

23,486
ext. citations

7.2
avg, IF

6.56
L-index

#	Paper	IF	Citations
438	Lower persistence of anti-nucleocapsid compared to anti-spike antibodies up to one year after SARS-CoV-2 infection.. <i>Diagnostic Microbiology and Infectious Disease</i> , 2022 , 103, 115659	2.9	3
437	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> , 2022 , 119, e2114619119	11.5	2
436	Fast Detection of SARS-CoV-2 Variants including Omicron Using One-step RT-PCR and Sanger Sequencing.. <i>Journal of Virological Methods</i> , 2022 , 114512	2.6	4
435	VALCOR: a protocol for the validation of SARS-corona virus-2 assays.. <i>Archives of Public Health</i> , 2022 , 80, 98	2.6	0
434	Two Separate Clusters of SARS-CoV-2 Delta Variant Infections in A Group of 41 Students Travelling from India: An Illustration of the Need for Rigorous Testing and Quarantine. <i>Viruses</i> , 2022 , 14, 1198	6.2	0
433	Radiotherapy, Temozolomide, and Antiprogrammed Cell Death Protein 1 Treatments Modulate the Immune Microenvironment in Experimental High-Grade Glioma. <i>Neurosurgery</i> , 2021 , 88, E205-E215	3.2	8
432	Symptomatic Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Reinfection by a Phylogenetically Distinct Strain. <i>Clinical Infectious Diseases</i> , 2021 , 73, 354-356	11.6	151
431	Chloroquine, an Anti-Malaria Drug as Effective Prevention for Hantavirus Infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 580532	5.9	0
430	Longitudinal follow-up of IgG anti-nucleocapsid antibodies in SARS-CoV-2 infected patients up to eight months after infection. <i>Journal of Clinical Virology</i> , 2021 , 136, 104765	14.5	33
429	Hematopoietic Stem Cell Transplantation Cures Chronic Aichi Virus Infection in a Patient with X-linked Agammaglobulinemia. <i>Journal of Clinical Immunology</i> , 2021 , 41, 1403-1405	5.7	1
428	A confirmed case of COVID-19 reinfection with a genetically distinct strain: a case report from Belgium. <i>Acta Clinica Belgica</i> , 2021 , 1-2	1.8	
427	Comparison of the Quantitative DiaSorin Liaison Antigen Test to Reverse Transcription-PCR for the Diagnosis of COVID-19 in Symptomatic and Asymptomatic Outpatients. <i>Journal of Clinical Microbiology</i> , 2021 , 59, e0037421	9.7	11
426	Successful double-lung transplantation from a donor previously infected with SARS-CoV-2. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 315-318	35.1	22
425	Immunoassays for anti-SARS-CoV-2 antibodies: recent insights. <i>Lancet Infectious Diseases</i> , 2021 , 21, e120	25.5	4
424	Molecular detection and genomic characterization of diverse hepaciviruses in African rodents. <i>Virus Evolution</i> , 2021 , 7, veab036	3.7	2
423	Commentary: Development of a Comparative European Orthohantavirus Microneutralization Assay With Multi-Species Validation and Evaluation in a Human Diagnostic Cohort. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 702709	5.9	
422	High Prevalence of Coinfecting Enteropathogens in Suspected Rotavirus Vaccine Breakthrough Cases. <i>Journal of Clinical Microbiology</i> , 2021 , 59, e0123621	9.7	0

421	At Least Seven Distinct Rotavirus Genotype Constellations in Bats with Evidence of Reassortment and Zoonotic Transmissions. <i>MBio</i> , 2021 , 12,	7.8	13
420	Successional Stages in Infant Gut Microbiota Maturation.. <i>MBio</i> , 2021 , e0185721	7.8	7
419	Development and Potential Usefulness of the COVID-19 Ag Respi-Strip Diagnostic Assay in a Pandemic Context. <i>Frontiers in Medicine</i> , 2020 , 7, 225	4.9	114
418	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> , 2020 , 26, 1082-1087	9.5	163
417	First genomic characterization of a Belgian Enterovirus C104 using sequence-independent Nanopore sequencing. <i>Infection, Genetics and Evolution</i> , 2020 , 81, 104267	4.5	2
416	Laboratory information system requirements to manage the COVID-19 pandemic: A report from the Belgian national reference testing center. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020 , 27, 1293-1299	8.6	13
415	SARS-CoV2 (COVID-19) infection: is fetal surgery in times of national disasters reasonable?. <i>Prenatal Diagnosis</i> , 2020 , 40, 1755-1758	3.2	12
414	Accuracy and Reproducibility of Low-Dose Submillisievert Chest CT for the Diagnosis of COVID-19. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200196	8.3	69
413	Comparison of the diagnostic performance with whole blood and plasma of four rapid antibody tests for SARS-CoV-2. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e197-e199	5.9	9
412	Radiation dose-escalation and dose-fractionation modulate the immune microenvironment, cancer stem cells and vasculature in experimental high-grade gliomas. <i>Journal of Neurosurgical Sciences</i> , 2020 ,	1.3	5
411	First cases of coronavirus disease 2019 (COVID-19) in the WHO European Region, 24 January to 21 February 2020. <i>Eurosurveillance</i> , 2020 , 25,	19.8	310
410	Towards a unified classification for human respiratory syncytial virus genotypes. <i>Virus Evolution</i> , 2020 , 6, veaa052	3.7	8
409	Clinical relevance of plasma virome dynamics in liver transplant recipients. <i>EBioMedicine</i> , 2020 , 60, 1030098	9.8	3
408	Air conditioning system usage and SARS-CoV-2 transmission dynamics in Iran. <i>Medical Hypotheses</i> , 2020 , 143, 110164	3.8	2
407	STAT2 signaling restricts viral dissemination but drives severe pneumonia in SARS-CoV-2 infected hamsters. <i>Nature Communications</i> , 2020 , 11, 5838	17.4	122
406	Antibody response against SARS-CoV-2 spike protein and nucleoprotein evaluated by four automated immunoassays and three ELISAs. <i>Clinical Microbiology and Infection</i> , 2020 , 26, 1557.e1-1557.e7	9.5	80
405	Added value of anti-SARS-CoV-2 antibody testing in a Flemish nursing home during an acute COVID-19 outbreak in April 2020. <i>Acta Clinica Belgica</i> , 2020 , 1-6	1.8	6
404	The influence of COVID-19 on routine hematological parameters of hospitalized patients. <i>Acta Clinica Belgica</i> , 2020 , 1-6	1.8	5

403	SARS-CoV-2 Detection for Diagnosis Purposes in the Setting of a Molecular Biology Research Lab. <i>Methods and Protocols</i> , 2020 , 3,	2.5	5
402	Natural disasters pose a challenge for hepatitis elimination in Iran. <i>The Lancet Gastroenterology and Hepatology</i> , 2019 , 4, 581-582	18.8	3
401	Comparison of the Idylla [®] Respiratory (IFV-RSV) panel with the GeneXpert Xpert [®] Flu/RSV assay: a retrospective study with nasopharyngeal and midturbinate samples. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019 , 94, 33-37	2.9	3
400	Clinical Characteristics of Ratborne Seoul Hantavirus Disease. <i>Emerging Infectious Diseases</i> , 2019 , 25, 387-388	10.2	18
399	Gut Virome Analysis of Cameroonians Reveals High Diversity of Enteric Viruses, Including Potential Interspecies Transmitted Viruses. <i>MSphere</i> , 2019 , 4,	5	35
398	The sudden death of the combined first trimester aneuploidy screening, a single centre experience in Belgium. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e294-e297	5.9	3
397	Evidence of zoonotic transmission of VP6 and NSP4 genes into human species A rotaviruses isolated in Pakistan in 2010. <i>Archives of Virology</i> , 2019 , 164, 1781-1791	2.6	4
396	Earlier Initiation of Antiretroviral Treatment Coincides With an Initial Control of the HIV-1 Sub-Subtype F1 Outbreak Among Men-Having-Sex-With-Men in Flanders, Belgium. <i>Frontiers in Microbiology</i> , 2019 , 10, 613	5.7	8
395	Migrating a lab-developed MERS-CoV real-time PCR to 3 "Sample to Result" systems: experiences on optimization and validation. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019 , 94, 349-354	2.9	3
394	Global patterns in monthly activity of influenza virus, respiratory syncytial virus, parainfluenza virus, and metapneumovirus: a systematic analysis. <i>The Lancet Global Health</i> , 2019 , 7, e1031-e1045	13.6	121
393	Wild Rats, Laboratory Rats, Pet Rats: Global Seoul Hantavirus Disease Revisited. <i>Viruses</i> , 2019 , 11,	6.2	29
392	A45 Genetic diversity of anelloviruses in the blood virome. <i>Virus Evolution</i> , 2019 , 5,	3.7	1
391	A decade of enterovirus genetic diversity in Belgium. <i>Journal of Clinical Virology</i> , 2019 , 121, 104205	14.5	3
390	Phylogenetic analysis of open reading frame of 11 gene segments of novel human-bovine reassortant RVA G6P[1] strain in Pakistan. <i>Journal of Medical Virology</i> , 2019 , 92, 3179	19.7	
389	CT-2A neurospheres-derived high-grade glioma in mice: a new model to address tumor stem cells and immunosuppression. <i>Biology Open</i> , 2019 , 8,	2.2	7
388	Antibiotic Resistance Plasmids Cointegrated into a Megaplasmid Harboring the Carbapenemase Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	15
387	A Novel Hantavirus of the European Mole, Bruges Virus, Is Involved in Frequent Nova Virus Coinfections. <i>Genome Biology and Evolution</i> , 2018 , 10, 45-55	3.9	14
386	Phylogenetic analysis of the Belgian HIV-1 epidemic reveals that local transmission is almost exclusively driven by men having sex with men despite presence of large African migrant communities. <i>Infection, Genetics and Evolution</i> , 2018 , 61, 36-44	4.5	18

385	Low eukaryotic viral richness is associated with faecal microbiota transplantation success in patients with UC. <i>Gut</i> , 2018 , 67, 1558-1559	19.2	33
384	Acute hantavirus infection presenting as haemolytic-uraemic syndrome (HUS): the importance of early clinical diagnosis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018 , 37, 135-140	5.3	5
383	Cameroonian fruit bats harbor divergent viruses, including rotavirus H, bastroviruses, and picobirnaviruses using an alternative genetic code. <i>Virus Evolution</i> , 2018 , 4, vey008	3.7	58
382	Switch in a childhood pneumococcal vaccination programme from PCV13 to PCV10: a defensible approach?. <i>Lancet Infectious Diseases</i> , 2018 , 18, 830-831	25.5	33
381	Diagnostic accuracy of digital RNA quantification versus real-time PCR for the detection of respiratory syncytial virus in nasopharyngeal aspirates from children with acute respiratory infection. <i>Journal of Clinical Virology</i> , 2018 , 106, 34-40	14.5	7
380	NetoVIR: Modular Approach to Customize Sample Preparation Procedures for Viral Metagenomics. <i>Methods in Molecular Biology</i> , 2018 , 1838, 85-95	1.4	11
379	Elimination of Viral Hepatitis and an Update on Blood Safety Technology. <i>Hepatitis Monthly</i> , 2018 , 18,	1.8	2
378	How Adequate Social Media Management Supports the Viral Hepatitis Elimination Program. <i>Hepatitis Monthly</i> , 2018 , In Press,	1.8	1
377	Use of Next-Generation Sequencing for Diagnosis of West Nile Virus Infection in Patient Returning to Belgium from Hungary. <i>Emerging Infectious Diseases</i> , 2018 , 24, 2380-2382	10.2	8
376	Iran's hepatitis elimination programme is under threat. <i>Lancet</i> , 2018 , 392, 1009	4.0	8
375	Host switching pathogens, infectious outbreaks and zoonosis: A Marie Skłodowska-Curie innovative training network (HONOURS). <i>Virus Research</i> , 2018 , 257, 120-124	6.4	1
374	Chronic Aichi Virus Infection in a Patient with X-Linked Agammaglobulinemia. <i>Journal of Clinical Immunology</i> , 2018 , 38, 748-752	5.7	11
373	Emergence of Monkeypox as the Most Important Orthopoxvirus Infection in Humans. <i>Frontiers in Public Health</i> , 2018 , 6, 241	6	75
372	A36 Circulating strains of human respiratory syncytial virus in Belgium during six consecutive respiratory seasons (2011-2017). <i>Virus Evolution</i> , 2018 , 4,	3.7	78
371	Occurrence of atypical HUS associated with influenza B. <i>European Journal of Pediatrics</i> , 2017 , 176, 449-454	4.1	11
370	15year fulminant hepatitis B follow-up in Belgium: Viral evolution and signature of demographic change. <i>Infection, Genetics and Evolution</i> , 2017 , 49, 221-225	4.5	7
369	Viral gut metagenomics of sympatric wild and domestic canids, and monitoring of viruses: Insights from an endangered wolf population. <i>Ecology and Evolution</i> , 2017 , 7, 4135-4146	2.8	22
368	Novel highly divergent sapoviruses detected by metagenomics analysis in straw-colored fruit bats in Cameroon. <i>Emerging Microbes and Infections</i> , 2017 , 6, e38	18.9	26

367	Highly diverse population of Picornaviridae and other members of the Picornavirales, in Cameroonian fruit bats. <i>BMC Genomics</i> , 2017 , 18, 249	4.5	32
366	A21 HIV-1 sub-subtype F1 outbreak among MSM in Belgium. <i>Virus Evolution</i> , 2017 , 3,	3.7	3
365	Prevalence and seasonality of six respiratory viruses during five consecutive epidemic seasons in Belgium. <i>Journal of Clinical Virology</i> , 2017 , 94, 72-78	14.5	16
364	Identification of an enterovirus recombinant with a torovirus-like gene insertion during a diarrhea outbreak in fattening pigs. <i>Virus Evolution</i> , 2017 , 3, vex024	3.7	20
363	A lethal disease model for New World hantaviruses using immunosuppressed Syrian hamsters. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006042	4.8	8
362	Comparative analysis of the Rotarix vaccine strain and G1P[8] rotaviruses detected before and after vaccine introduction in Belgium. <i>PeerJ</i> , 2017 , 5, e2733	3.1	11
361	Psychological comorbidity increases the risk for postinfectious IBS partly by enhanced susceptibility to develop infectious gastroenteritis. <i>Gut</i> , 2016 , 65, 1279-88	19.2	48
360	Reassortment among picobirnaviruses found in wolves. <i>Archives of Virology</i> , 2016 , 161, 2859-62	2.6	21
359	Binary toxin and its clinical importance in <i>Clostridium difficile</i> infection, Belgium. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016 , 35, 1741-1747	5.3	7
358	Emergence of human G2P[4] rotaviruses containing animal derived gene segments in the post-vaccine era. <i>Scientific Reports</i> , 2016 , 6, 36841	4.9	8
357	Novel highly divergent reassortant bat rotaviruses in Cameroon, without evidence of zoonosis. <i>Scientific Reports</i> , 2016 , 6, 34209	4.9	34
356	Respiratory syncytial virus a and b display different temporal patterns in a 4-year prospective cross-sectional study among children with acute respiratory infection in a tropical city. <i>Medicine (United States)</i> , 2016 , 95, e5142	1.8	11
355	Characterization of a genetically heterogeneous porcine rotavirus C, and other viruses present in the fecal virome of a non-diarrheic Belgian piglet. <i>Infection, Genetics and Evolution</i> , 2016 , 43, 135-45	4.5	15
354	sesC as a genetic marker for easy identification of <i>Staphylococcus epidermidis</i> from other isolates. <i>Infection, Genetics and Evolution</i> , 2016 , 43, 222-4	4.5	5
353	Are hantavirus infections also part of the rapidly growing spectrum of an infection-triggered reactive haemophagocytic syndrome?. <i>Clinical Microbiology and Infection</i> , 2016 , 22, 745-6	9.5	2
352	Late presentation to HIV testing is overestimated when based on the consensus definition. <i>HIV Medicine</i> , 2016 , 17, 231-4	2.7	13
351	Surveillance of effects of HPV vaccination in Belgium. <i>Cancer Epidemiology</i> , 2016 , 41, 152-8	2.8	15
350	Transmission of HIV Drug Resistance and the Predicted Effect on Current First-line Regimens in Europe. <i>Clinical Infectious Diseases</i> , 2016 , 62, 655-663	11.6	117

349	Three vole species and one (?) novel arvicolid hantavirus pathogen: Tula virus revisited. <i>Eurosurveillance</i> , 2016 , 21,	19.8	3
348	Letter to the editor: The first tick-borne encephalitis case in the Netherlands: reflections and a note of caution. <i>Eurosurveillance</i> , 2016 , 21,	19.8	1
347	Comment on "A Cluster of Three Cases of Pulmonary Syndrome among Canadian Military Personnel". <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2016 , 2016, 7458409	2.6	2
346	Experimental feline enteric coronavirus infection reveals an aberrant infection pattern and shedding of mutants with impaired infectivity in enterocyte cultures. <i>Scientific Reports</i> , 2016 , 6, 20022	4.9	25
345	New findings in HCV genotype distribution in selected West European, Russian and Israeli regions. <i>Journal of Clinical Virology</i> , 2016 , 81, 82-9	14.5	50
344	Bedside assessment of acute hantavirus infections and their possible classification into the spectrum of haemophagocytic syndromes. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016 , 35, 1101-6	5.3	8
343	A single bat species in Cameroon harbors multiple highly divergent papillomaviruses in stool identified by metagenomics analysis. <i>Virology Reports</i> , 2016 , 6, 74-80		7
342	Human P[6] Rotaviruses From Sub-Saharan Africa and Southeast Asia Are Closely Related to Those of Human P[4] and P[8] Rotaviruses Circulating Worldwide. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1039-49	7.49	14
341	Complete genome analysis of a rabbit rotavirus causing gastroenteritis in a human infant. <i>Viruses</i> , 2015 , 7, 844-56	6.2	15
340	A large community outbreak of gastroenteritis associated with consumption of drinking water contaminated by river water, Belgium, 2010. <i>Epidemiology and Infection</i> , 2015 , 143, 711-9	4.3	33
339	Ten-year performance of Influenzanet: ILI time series, risks, vaccine effects, and care-seeking behaviour. <i>Epidemics</i> , 2015 , 13, 28-36	5.1	39
338	Pathogen transcriptional profile in nasopharyngeal aspirates of children with acute respiratory tract infection. <i>Journal of Clinical Virology</i> , 2015 , 69, 190-6	14.5	11
337	Emerging OP354-Like P[8] Rotaviruses Have Rapidly Dispersed from Asia to Other Continents. <i>Molecular Biology and Evolution</i> , 2015 , 32, 2060-71	8.3	18
336	Putting flu on the agenda: New voices, new partners. <i>Vaccine</i> , 2015 , 33, 7041-3	4.1	3
335	Genome-Wide Evolutionary Analyses of G1P[8] Strains Isolated Before and After Rotavirus Vaccine Introduction. <i>Genome Biology and Evolution</i> , 2015 , 7, 2473-83	3.9	34
334	High-throughput analysis of human cytomegalovirus genome diversity highlights the widespread occurrence of gene-disrupting mutations and pervasive recombination. <i>Journal of Virology</i> , 2015 , 89, 7673-7695	6.6	100
333	Primary resistance to integrase strand-transfer inhibitors in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 2885-8	5.1	47
332	Complete Genome Sequence of Nova Virus, a Hantavirus Circulating in the European Mole in Belgium. <i>Genome Announcements</i> , 2015 , 3,		2

331	A rare case of HBV genotype fluctuation (shifting and reversion) after liver transplantation. <i>Journal of Clinical Virology</i> , 2015 , 71, 93-7	14.5	3
330	A Novel Dynamic Model for Health Economic Analysis of Influenza Vaccination in the Elderly. <i>Infectious Diseases and Therapy</i> , 2015 , 4, 459-87	6.2	11
329	Epidemiological history and genomic characterization of non-D1 HBV strains identified in Iran. <i>Journal of Clinical Virology</i> , 2015 , 63, 38-41	14.5	4
328	A decade of norovirus genetic diversity in Belgium. <i>Infection, Genetics and Evolution</i> , 2015 , 30, 37-44	4.5	5
327	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> , 2015 , 89, 1043-57	6.6	39
326	Concomitant leptospirosis-hantavirus co-infection in acute patients hospitalized in Sri Lanka: implications for a potentially worldwide underestimated problem. <i>Epidemiology and Infection</i> , 2015 , 143, 2081-93	4.3	25
325	Did Large-Scale Vaccination Drive Changes in the Circulating Rotavirus Population in Belgium?. <i>Scientific Reports</i> , 2015 , 5, 18585	4.9	31
324	Modular approach to customise sample preparation procedures for viral metagenomics: a reproducible protocol for virome analysis. <i>Scientific Reports</i> , 2015 , 5, 16532	4.9	168
323	Additional Value of CHL Measurement in a Combined (13)C/HLLactose Malabsorption Breath Test: A Retrospective Analysis. <i>Nutrients</i> , 2015 , 7, 7469-85	6.7	16
322	Molecular characterization of equine rotaviruses isolated in Europe in 2013: implications for vaccination. <i>Veterinary Microbiology</i> , 2015 , 176, 179-85	3.3	14
321	Genomic Diversity of Hepatitis B Virus Infection Associated With Fulminant Hepatitis B Development. <i>Hepatitis Monthly</i> , 2015 , 15, e29477	1.8	18
320	Comparative analysis of pentavalent rotavirus vaccine strains and G8 rotaviruses identified during vaccine trial in Africa. <i>Scientific Reports</i> , 2015 , 5, 14658	4.9	27
319	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> , 2014 , 20, O702-10	9.5	45
318	Evolution of DS-1-like human G2P[4] rotaviruses assessed by complete genome analyses. <i>Journal of General Virology</i> , 2014 , 95, 91-109	4.9	36
317	Hemorrhagic Fever with Renal Syndrome in the New, and Hantavirus Pulmonary Syndrome in the Old World: paradigms lost or regained?. <i>Virus Research</i> , 2014 , 187, 55-8	6.4	71
316	Evolutionary analysis of HBV "S" antigen genetic diversity in Iranian blood donors: a nationwide study. <i>Journal of Medical Virology</i> , 2014 , 86, 144-55	19.7	22
315	Increase in transmitted resistance to non-nucleoside reverse transcriptase inhibitors among newly diagnosed HIV-1 infections in Europe. <i>BMC Infectious Diseases</i> , 2014 , 14, 407	4	38
314	Molecular characterization of hepatitis B virus (HBV) strains circulating in the northern coast of the Persian Gulf and its comparison with worldwide distribution of HBV subgenotype D1. <i>Journal of Medical Virology</i> , 2014 , 86, 745-57	19.7	8

313	Porcine group A rotaviruses with heterogeneous VP7 and VP4 genotype combinations can be found together with enteric bacteria on Belgian swine farms. <i>Veterinary Microbiology</i> , 2014 , 172, 23-34	3.3	22
312	Sequence and structural analyses of NSP4 proteins from human group A rotavirus strains detected in Tunisia. <i>Pathologie Et Biologie</i> , 2014 , 62, 146-51		2
311	Association between recent herpes zoster but not herpes simplex infection and subsequent risk of malignancy in women: a retrospective cohort study. <i>Epidemiology and Infection</i> , 2014 , 142, 1008-17	4.3	4
310	Rotavirus surveillance in Kisangani, the Democratic Republic of the Congo, reveals a high number of unusual genotypes and gene segments of animal origin in non-vaccinated symptomatic children. <i>PLoS ONE</i> , 2014 , 9, e100953	3.7	30
309	Trends and predictors of transmitted drug resistance (TDR) and clusters with TDR in a local Belgian HIV-1 epidemic. <i>PLoS ONE</i> , 2014 , 9, e101738	3.7	30
308	Factors associated with the continuum of care of HIV-infected patients in Belgium. <i>Journal of the International AIDS Society</i> , 2014 , 17, 19534	5.4	13
307	Sampling variability between two mid-turbinate swabs of the same patient has implications for influenza viral load monitoring. <i>Virology Journal</i> , 2014 , 11, 233	6.1	18
306	Comment on Jameson et al.: Prevalence of antibodies against hantaviruses in serum and saliva of adults living or working on farms in Yorkshire, United Kingdom. <i>Viruses</i> , 2014 , 6, 3415-24	6.2	1
305	Genomic and functional characteristics of human cytomegalovirus revealed by next-generation sequencing. <i>Viruses</i> , 2014 , 6, 1049-72	6.2	39
304	Complete genome sequence of equid herpesvirus 3. <i>Genome Announcements</i> , 2014 , 2,		7
303	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> , 2014 , 6, 1436-54	12.4	39
302	Molecular Methods in Food Safety Microbiology: Interpretation and Implications of Nucleic Acid Detection. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2014 , 13, 551-577	16.4	51
301	Molecular identification of hepatitis B virus genotypes/subgenotypes: revised classification hurdles and updated resolutions. <i>World Journal of Gastroenterology</i> , 2014 , 20, 7152-68	5.6	117
300	The first caprine rotavirus detected in Argentina displays genomic features resembling virus strains infecting members of the Bovidae and Camelidae. <i>Veterinary Microbiology</i> , 2014 , 171, 189-97	3.3	16
299	Comparison of two automated immunoassays for the determination of Puumalavirus IgM and IgG. <i>Journal of Clinical Virology</i> , 2014 , 60, 165-7	14.5	2
298	Modelling seasonal and multi-annual variation in bank vole populations and nephropathia epidemica. <i>Biosystems Engineering</i> , 2014 , 121, 25-37	4.8	6
297	Patterns of transmitted HIV drug resistance in Europe vary by risk group. <i>PLoS ONE</i> , 2014 , 9, e94495	3.7	28
296	A method enabling high-throughput sequencing of human cytomegalovirus complete genomes from clinical isolates. <i>PLoS ONE</i> , 2014 , 9, e95501	3.7	22

295	Leptospirosis versus hantavirus infections in the Netherlands and in Belgium, 2000 to 2014. <i>Eurosurveillance</i> , 2014 , 19,	19.8	11
294	Limited cross-border infections in patients newly diagnosed with HIV in Europe. <i>Retrovirology</i> , 2013 , 10, 36	3.6	39
293	Evaluation of a reverse line blot assay for genotyping common human rotaviruses. <i>Journal of Virological Methods</i> , 2013 , 193, 597-602	2.6	
292	Equine G3P[3] rotavirus strain E3198 related to simian RRV and feline/canine-like rotaviruses based on complete genome analyses. <i>Veterinary Microbiology</i> , 2013 , 161, 239-46	3.3	33
291	Discovery and molecular characterization of a group A rotavirus strain detected in an Argentinean vicuña (<i>Vicugna vicugna</i>). <i>Veterinary Microbiology</i> , 2013 , 161, 247-54	3.3	25
290	Detection of false positives with a commonly used Norovirus RT-PCR primer set. <i>Journal of Clinical Virology</i> , 2013 , 56, 84-5	14.5	6
289	Rabbit colony infected with a bovine-like G6P[11] rotavirus strain. <i>Veterinary Microbiology</i> , 2013 , 166, 154-64	3.3	21
288	Animal papillomaviruses. <i>Virology</i> , 2013 , 445, 213-23	3.6	141
287	Complete genetic characterization of human G2P[6] and G3P[6] rotavirus strains. <i>Infection, Genetics and Evolution</i> , 2013 , 13, 27-35	4.5	21
286	Genesis of avian-origin H7N9 influenza A viruses. <i>Lancet, The</i> , 2013 , 381, 1883-5	4.0	23
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