Richard Molenkamp

List of Publications by Year in Descending Order

28 papers	**6,423** citations	**16** h-index	**37** g-index
37 ext. papers	**8,788** ext. citations	**15.4** avg, IF	**6.16** L-index

#	Paper	IF	Citations
28	Detection of SARS-CoV-2 infection in the general population by three prevailing rapid antigen tests: cross-sectional diagnostic accuracy study.. *BMC Medicine*, **2022**, 20, 97	11.4	0
27	Clinical evaluation of the SD Biosensor SARS-CoV-2 saliva antigen rapid test with symptomatic and asymptomatic, non-hospitalized patients.. *PLoS ONE*, **2021**, 16, e0260894	3.7	4
26	Supplementing SARS-CoV-2 genomic surveillance with PCR-based variant detection for real-time actionable information, the Netherlands, June to July 2021. *Eurosurveillance*, **2021**, 26,	19.8	3
25	Clinical Evaluation of Roche SD Biosensor Rapid Antigen Test for SARS-CoV-2 in Municipal Health Service Testing Site, the Netherlands. *Emerging Infectious Diseases*, **2021**, 27, 1323-1329	10.2	35
24	SARS-CoV-2 variants of concern partially escape humoral but not T-cell responses in COVID-19 convalescent donors and vaccinees. *Science Immunology*, **2021**, 6,	28	185
23	Small quantities of respiratory syncytial virus RNA only in large droplets around infants hospitalized with acute respiratory infections. *Antimicrobial Resistance and Infection Control*, **2021**, 10, 100	6.2	0
22	Diagnostic accuracy of rapid antigen tests in asymptomatic and presymptomatic close contacts of individuals with confirmed SARS-CoV-2 infection: cross sectional study. *BMJ, The*, **2021**, 374, n1676	5.9	25
21	Transmission of SARS-CoV-2 on mink farms between humans and mink and back to humans. *Science*, **2021**, 371, 172-177	33.3	496
20	Recommendations for the introduction of metagenomic high-throughput sequencing in clinical virology, part I: Wet lab procedure. *Journal of Clinical Virology*, **2021**, 134, 104691	14.5	14
19	Direct-Acting Antiviral Treatment for Hepatitis C Genotypes Uncommon in High-Income Countries: A Dutch Nationwide Cohort Study. *Open Forum Infectious Diseases*, **2021**, 8, ofab006	1	0
18	Droplet digital RT-PCR to detect SARS-CoV-2 signature mutations of variants of concern in wastewater. *Science of the Total Environment*, **2021**, 799, 149456	10.2	24
17	Classification and specific primer design for accurate detection of SARS-CoV-2 using deep learning. *Scientific Reports*, **2021**, 11, 947	4.9	26
16	Duration and key determinants of infectious virus shedding in hospitalized patients with coronavirus disease-2019 (COVID-19). *Nature Communications*, **2021**, 12, 267	17.4	333
15	Risk factors for intensive care admission in children with severe acute asthma in the Netherlands: a prospective multicentre study. *ERJ Open Research*, **2020**, 6,	3.5	3
14	First molecular analysis of rabies virus in Qatar and clinical cases imported into Qatar, a case report. *International Journal of Infectious Diseases*, **2020**, 96, 323-326	10.5	3
13	Comparison of seven commercial RT-PCR diagnostic kits for COVID-19. *Journal of Clinical Virology*, **2020**, 128, 104412	14.5	251
12	Comparison of commercial realtime reverse transcription PCR assays for the detection of SARS-CoV-2. *Journal of Clinical Virology*, **2020**, 129, 104510	14.5	41

LIST OF PUBLICATIONS

11	Phenotype and kinetics of SARS-CoV-2-specific T cells in COVID-19 patients with acute respiratory distress syndrome. *Science Immunology*, **2020**, 5,	28	554
10	The end of the laboratory developed test as we know it? Recommendations from a national multidisciplinary taskforce of laboratory specialists on the interpretation of the IVDR and its complications. *Clinical Chemistry and Laboratory Medicine*, **2020**,	5.9	14
9	Performance evaluation of the Panther Fusion® respiratory tract panel. *Journal of Clinical Virology*, **2020**, 123, 104232	14.5	3
8	Rapid SARS-CoV-2 whole-genome sequencing and analysis for informed public health decision-making in the Netherlands. *Nature Medicine*, **2020**, 26, 1405-1410	50.5	167
7	Detection of 2019 novel coronavirus (2019-nCoV) by real-time RT-PCR. *Eurosurveillance*, **2020**, 25,	19.8	4027
6	COVID-19 in health-care workers in three hospitals in the south of the Netherlands: a cross-sectional study. *Lancet Infectious Diseases, The*, **2020**, 20, 1273-1280	25.5	144
5	Specific Primer Design for Accurate Detection of SARS-CoV-2 Using Deep Learning		3
4	Classification and Specific Primer Design for Accurate Detection of SARS-CoV-2 Using Deep Learning		22
3	From more testing to smart testing: data-guided SARS-CoV-2 testing choices		19
2	Clinical evaluation of the SD Biosensor saliva antigen rapid test with symptomatic and asymptomatic, non-hospitalized patients		1
1	Virological characteristics of SARS-CoV-2 vaccine breakthrough infections in health care workers		23