

# Marek Widera

## List of Publications by Citations

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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.

61  
papers

2,099  
citations

21  
h-index

45  
g-index

78  
ext. papers

3,321  
ext. citations

8.9  
avg, IF

5.4  
L-index

#	Paper	IF	Citations
61	Proteomics of SARS-CoV-2-infected host cells reveals therapy targets. <i>Nature</i> , <b>2020</b> , 583, 469-472	50.4	498
60	Papain-like protease regulates SARS-CoV-2 viral spread and innate immunity. <i>Nature</i> , <b>2020</b> , 587, 657-662	50.4	418
59	Detection of SARS-CoV-2 in raw and treated wastewater in Germany - Suitability for COVID-19 surveillance and potential transmission risks. <i>Science of the Total Environment</i> , <b>2021</b> , 751, 141750	10.2	180
58	Reduced Neutralization of SARS-CoV-2 Omicron Variant by Vaccine Sera and Monoclonal Antibodies		128
57	The Comparative Clinical Performance of Four SARS-CoV-2 Rapid Antigen Tests and Their Correlation to Infectivity In Vitro. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	84
56	HEXploring of the HIV-1 genome allows landscaping of new potential splicing regulatory elements. <i>Retrovirology</i> , <b>2013</b> , 10,	3.6	78
55	Genomic HEXploring allows landscaping of novel potential splicing regulatory elements. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 10681-97	20.1	52
54	Optimized qRT-PCR Approach for the Detection of Intra- and Extra-Cellular SARS-CoV-2 RNAs. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	40
53	Multicentre comparison of quantitative PCR-based assays to detect SARS-CoV-2, Germany, March 2020. <i>Eurosurveillance</i> , <b>2020</b> , 25,	19.8	39
52	Ad hoc laboratory-based surveillance of SARS-CoV-2 by real-time RT-PCR using minipools of RNA prepared from routine respiratory samples. <i>Journal of Clinical Virology</i> , <b>2020</b> , 127, 104381	14.5	34
51	An advanced BLT-humanized mouse model for extended HIV-1 cure studies. <i>Aids</i> , <b>2018</b> , 32, 1-10	3.5	34
50	SARS-CoV-2 and SARS-CoV differ in their cell tropism and drug sensitivity profiles		33
49	A novel assay for detecting virus-specific antibodies triggering activation of Fcγ receptors. <i>Journal of Immunological Methods</i> , <b>2013</b> , 387, 21-35	2.5	29
48	SARS-CoV-2 infected host cell proteomics reveal potential therapy targets		27
47	Rapid Rebound of a Preexisting CXCR4-tropic Human Immunodeficiency Virus Variant After Allogeneic Transplantation With CCR5 B2 Homozygous Stem Cells. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, 684-687	11.6	26
46	Limited Neutralization of Authentic Severe Acute Respiratory Syndrome Coronavirus 2 Variants Carrying E484K In Vitro. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 1109-1114	7	26
45	Balanced splicing at the Tat-specific HIV-1 3' UTR A3 is critical for HIV-1 replication. <i>Retrovirology</i> , <b>2015</b> , 12, 29	3.6	24

44	An intronic G run within HIV-1 intron 2 is critical for splicing regulation of vif mRNA. <i>Journal of Virology</i> , <b>2013</b> , 87, 2707-20	6.6	24
43	Behind the scenes of HIV-1 replication: Alternative splicing as the dependency factor on the quiet. <i>Virology</i> , <b>2018</b> , 516, 176-188	3.6	22
42	Bamlanivimab does not neutralize two SARS-CoV-2 variants carrying E484K in vitro		22
41	Antibody-Mediated Neutralization of Authentic SARS-CoV-2 B.1.617 Variants Harboring L452R and T478K/E484Q. <i>Viruses</i> , <b>2021</b> , 13,	6.2	21
40	Reduced interferon antagonism but similar drug sensitivity in Omicron variant compared to Delta variant of SARS-CoV-2 isolates.. <i>Cell Research</i> , <b>2022</b> ,	24.7	19
39	The D-amino acid peptide D3 reduces amyloid fibril boosted HIV-1 infectivity. <i>AIDS Research and Therapy</i> , <b>2014</b> , 11, 1	3	18
38	A functional conserved intronic G run in HIV-1 intron 3 is critical to counteract APOBEC3G-mediated host restriction. <i>Retrovirology</i> , <b>2014</b> , 11, 72	3.6	16
37	Inhibition of papain-like protease PLpro blocks SARS-CoV-2 spread and promotes anti-viral immunity		14
36	Intranasal Administration of a Monoclonal Neutralizing Antibody Protects Mice against SARS-CoV-2 Infection. <i>Viruses</i> , <b>2021</b> , 13,	6.2	14
35	Analysis of Competing HIV-1 Splice Donor Sites Uncovers a Tight Cluster of Splicing Regulatory Elements within Exon 2/2b. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	12
34	Clinical Outcome and Viral Genome Variability of Hepatitis B Virus-Induced Acute Liver Failure. <i>Hepatology</i> , <b>2019</b> , 69, 993-1003	11.2	12
33	Impact of low-level BK polyomavirus viremia on intermediate-term renal allograft function. <i>Transplant Infectious Disease</i> , <b>2018</b> , 20, e12817	2.7	11
32	Expression Pattern of Individual IFNA Subtypes in Chronic HIV Infection. <i>Journal of Interferon and Cytokine Research</i> , <b>2017</b> , 37, 541-549	3.5	10
31	Evaluation of stability and inactivation methods of SARS-CoV-2 in context of laboratory settings. <i>Medical Microbiology and Immunology</i> , <b>2021</b> , 210, 235-244	4	9
30	Clinical course and core variability in HBV infected patients without detectable anti-HBc antibodies. <i>Journal of Clinical Virology</i> , <b>2017</b> , 93, 46-52	14.5	8
29	HIV-1 persistent viremia is frequently followed by episodes of low-level viremia. <i>Medical Microbiology and Immunology</i> , <b>2017</b> , 206, 203-215	4	8
28	Role of BK polyomavirus (BKV) and Torque teno virus (TTV) in liver transplant recipients with renal impairment. <i>Journal of Medical Microbiology</i> , <b>2018</b> , 67, 1496-1508	3.2	8
27	Surveillance of SARS-CoV-2 in Frankfurt am Main from October to December 2020 Reveals High Viral Diversity Including Spike Mutation N501Y in B.1.1.70 and B.1.1.7. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	8

26	Impact of immune suppressive agents on the BK-Polyomavirus non coding control region. <i>Antiviral Research</i> , <b>2018</b> , 159, 68-76	10.8	8
25	Optimized qRT-PCR approach for the detection of intra- and extra-cellular SARS-CoV-2 RNAs		6
24	Dysregulated Adaptive Immunity Is an Early Event in Liver Cirrhosis Preceding Acute-on-Chronic Liver Failure. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 534731	8.4	6
23	Gymnotic Delivery of LNA Mixmers Targeting Viral SREs Induces HIV-1 mRNA Degradation. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	5
22	The detection of BKPyV genotypes II and IV after renal transplantation as a simple tool for risk assessment for PyVAN and transplant outcome already at early stages of BKPyV reactivation. <i>Journal of Clinical Virology</i> , <b>2019</b> , 113, 14-19	14.5	5
21	Induction of robust cellular and humoral immunity against SARS-CoV-2 after a third dose of BNT162b2 vaccine in previously unresponsive older adults.. <i>Nature Microbiology</i> , <b>2022</b> ,	26.6	4
20	Generation of a Sleeping Beauty Transposon-Based Cellular System for Rapid and Sensitive Screening for Compounds and Cellular Factors Limiting SARS-CoV-2 Replication. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 701198	5.7	4
19	Differentially conserved amino acid positions may reflect differences in SARS-CoV-2 and SARS-CoV behaviour. <i>Bioinformatics</i> , <b>2021</b> ,	7.2	4
18	Antibody-mediated neutralization of authentic SARS-CoV-2 B.1.617 variants harboring L452R and T478K/E484Q		
17	Clinical and Virological Aspects of HBV Reactivation: A Focus on Acute Liver Failure. <i>Viruses</i> , <b>2019</b> , 11,	6.2	3
16	The PI3K pathway acting on alternative HIV-1 pre-mRNA splicing. <i>Journal of General Virology</i> , <b>2014</b> , 95, 1809-1815	4.9	3
15	Severe impairment of T-cell responses to BNT162b2 immunization in multiple myeloma patients. <i>Blood</i> , <b>2021</b> ,	2.2	3
14	Evaluation of stability and inactivation methods of SARS-CoV-2 in context of laboratory settings		3
13	A Novel, Broad-Acting Peptide Inhibitor of Double-Stranded DNA Virus Gene Expression and Replication. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 601555	5.7	3
12	Concurrent administration of IFN $\alpha$ 4 and cART in TKO-BLT mice enhances suppression of HIV-1 viremia but does not eliminate the latent reservoir. <i>Scientific Reports</i> , <b>2019</b> , 9, 18089	4.9	3
11	HIV infection does not alter interferon $\alpha$ receptor 2 expression on mucosal immune cells. <i>PLoS ONE</i> , <b>2020</b> , 15, e0218905	3.7	2
10	Clinical patterns associated with the concurrent detection of anti-HBs and HBV DNA. <i>Journal of Medical Virology</i> , <b>2018</b> , 90, 282-290	19.7	2
9	Mutational analysis of the internal membrane proximal domain of the HIV glycoprotein C-terminus. <i>Virology</i> , <b>2013</b> , 440, 31-40	3.6	2

8	Omicron variant of SARS-CoV-2 exhibits an increased resilience to the antiviral type I interferon response		2
7	Reduced interferon antagonism but similar drug sensitivity in Omicron variant compared to Delta variant SARS-CoV-2 isolates		2
6	Torque Teno Virus load in lung cancer patients correlates with age but not with tumor stage. <i>PLoS ONE</i> , <b>2021</b> , 16, e0252304	3.7	2
5	Detection of hepatitis b virus DNA in the blood of a stem cell donor after granulocyte colony-stimulating factor treatment. <i>Hepatology</i> , <b>2016</b> , 64, 1803-1805	11.2	2
4	Sequestration of Late Antigens Within Viral Factories Impairs MVA Vector-Induced Protective Memory CTL Responses. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2850	8.4	2
3	The spike gene is a major determinant for the SARS-CoV-2 Omicron-BA.1 phenotype		1
2	Enhanced but variant-dependent serological and cellular immune responses to third-dose BNT162b2 vaccination in patients with multiple myeloma.. <i>Cancer Cell</i> , <b>2022</b> ,	24.3	1
1	Detection and Quantification of SARS-CoV-2 by Real-Time RT-PCR Assay.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2452, 75-98	1.4	0