

# Marek Widera

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

3,920  
citations

304368

22  
h-index

161609

54  
g-index

78  
all docs

78  
docs citations

78  
times ranked

8725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomics of SARS-CoV-2-infected host cells reveals therapy targets. <i>Nature</i> , 2020, 583, 469-472.	13.7	841
2	Papain-like protease regulates SARS-CoV-2 viral spread and innate immunity. <i>Nature</i> , 2020, 587, 657-662.	13.7	818
3	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> , 2021, 751, 141750.	3.9	300
4	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> , 2021, 10, 328.	1.0	141
5	Limited neutralisation of the SARS-CoV-2 Omicron subvariants BA.1 and BA.2 by convalescent and vaccine serum and monoclonal antibodies. <i>EBioMedicine</i> , 2022, 82, 104158.	2.7	128
6	Reduced interferon antagonism but similar drug sensitivity in Omicron variant compared to Delta variant of SARS-CoV-2 isolates. <i>Cell Research</i> , 2022, 32, 319-321.	5.7	89
7	Genomic HEXploring allows landscaping of novel potential splicing regulatory elements. <i>Nucleic Acids Research</i> , 2014, 42, 10681-10697.	6.5	78
8	Antibody-Mediated Neutralization of Authentic SARS-CoV-2 B.1.617 Variants Harboring L452R and T478K/E484Q. <i>Viruses</i> , 2021, 13, 1693.	1.5	69
9	Optimized qRT-PCR Approach for the Detection of Intra- and Extra-Cellular SARS-CoV-2 RNAs. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4396.	1.8	68
10	Multicentre comparison of quantitative PCR-based assays to detect SARS-CoV-2, Germany, March 2020. <i>Eurosurveillance</i> , 2020, 25, .	3.9	60
11	Limited Neutralization of Authentic Severe Acute Respiratory Syndrome Coronavirus 2 Variants Carrying E484K In Vitro. <i>Journal of Infectious Diseases</i> , 2021, 224, 1109-1114.	1.9	56
12	An advanced BLT-humanized mouse model for extended HIV-1 cure studies. <i>Aids</i> , 2018, 32, 1-10.	1.0	54
13	A novel assay for detecting virus-specific antibodies triggering activation of Fcγ3 receptors. <i>Journal of Immunological Methods</i> , 2013, 387, 21-35.	0.6	44
14	Behind the scenes of HIV-1 replication: Alternative splicing as the dependency factor on the quiet. <i>Virology</i> , 2018, 516, 176-188.	1.1	44
15	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> , 2020, 127, 104381.	1.6	43
16	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> , 2022, 7, 195-199.	5.9	43
17	Rapid Rebound of a Preexisting CXCR4-tropic Human Immunodeficiency Virus Variant After Allogeneic Transplantation With CCR5 Δ32 Homozygous Stem Cells. <i>Clinical Infectious Diseases</i> , 2019, 68, 684-687.	2.9	42
18	Evaluation of stability and inactivation methods of SARS-CoV-2 in context of laboratory settings. <i>Medical Microbiology and Immunology</i> , 2021, 210, 235-244.	2.6	37

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19	Balanced splicing at the Tat-specific HIV-1 3' splice site A3 is critical for HIV-1 replication. <i>Retrovirology</i> , 2015, 12, 29.	0.9	36
20	An Intronic G Run within HIV-1 Intron 2 Is Critical for Splicing Regulation of <i>vif</i> mRNA. <i>Journal of Virology</i> , 2013, 87, 2707-2720.	1.5	33
21	Intranasal Administration of a Monoclonal Neutralizing Antibody Protects Mice against SARS-CoV-2 Infection. <i>Viruses</i> , 2021, 13, 1498.	1.5	33
22	Severe impairment of T-cell responses to BNT162b2 immunization in patients with multiple myeloma. <i>Blood</i> , 2022, 139, 137-142.	0.6	29
23	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> , 2021, 12, 701198.	1.5	27
24	Dysregulated Adaptive Immunity Is an Early Event in Liver Cirrhosis Preceding Acute-on-Chronic Liver Failure. <i>Frontiers in Immunology</i> , 2020, 11, 534731.	2.2	26
25	A functional conserved intronic G run in HIV-1 intron 3 is critical to counteract APOBEC3G-mediated host restriction. <i>Retrovirology</i> , 2014, 11, 72.	0.9	23
26	The D-amino acid peptide D3 reduces amyloid fibril boosted HIV-1 infectivity. <i>AIDS Research and Therapy</i> , 2014, 11, 1.	0.7	22
27	Role of BK polyomavirus (BKV) and Torque teno virus (TTV) in liver transplant recipients with renal impairment. <i>Journal of Medical Microbiology</i> , 2018, 67, 1496-1508.	0.7	22
28	Expression Pattern of Individual <i>IFNA</i> Subtypes in Chronic HIV Infection. <i>Journal of Interferon and Cytokine Research</i> , 2017, 37, 541-549.	0.5	19
29	Clinical Outcome and Viral Genome Variability of Hepatitis B Virus-Induced Acute Liver Failure. <i>Hepatology</i> , 2019, 69, 993-1003.	3.6	19
30	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> , 2017, 91, .	1.5	18
31	Enhanced but variant-dependent serological and cellular immune responses to third-dose BNT162b2 vaccination in patients with multiple myeloma. <i>Cancer Cell</i> , 2022, 40, 587-589.	7.7	18
32	HIV-1 persistent viremia is frequently followed by episodes of low-level viremia. <i>Medical Microbiology and Immunology</i> , 2017, 206, 203-215.	2.6	17
33	Impact of low-level polyomavirus viremia on intermediate-term renal allograft function. <i>Transplant Infectious Disease</i> , 2018, 20, e12817.	0.7	17
34	Omicron variant of SARS-CoV-2 exhibits an increased resilience to the antiviral type I interferon response. , 2022, 1, .		16
35	Concurrent administration of IFN $\alpha$ 14 and cART in TKO-BLT mice enhances suppression of HIV-1 viremia but does not eliminate the latent reservoir. <i>Scientific Reports</i> , 2019, 9, 18089.	1.6	15
36	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> , 2021, 9, 748.	1.6	14

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37	Clinical course and core variability in HBV infected patients without detectable anti-HBc antibodies. <i>Journal of Clinical Virology</i> , 2017, 93, 46-52.	1.6	13
38	Wastewater surveillance allows early detection of SARS-CoV-2 omicron in North Rhine-Westphalia, Germany. <i>Science of the Total Environment</i> , 2022, 846, 157375.	3.9	13
39	Impact of immune suppressive agents on the BK-Polyomavirus non coding control region. <i>Antiviral Research</i> , 2018, 159, 68-76.	1.9	12
40	Gymnotic Delivery of LNA Mixmers Targeting Viral SREs Induces HIV-1 mRNA Degradation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1088.	1.8	12
41	Differentially conserved amino acid positions may reflect differences in SARS-CoV-2 and SARS-CoV behaviour. <i>Bioinformatics</i> , 2021, 37, 2282-2288.	1.8	9
42	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> , 2019, 113, 14-19.	1.6	8
43	A Novel, Broad-Acting Peptide Inhibitor of Double-Stranded DNA Virus Gene Expression and Replication. <i>Frontiers in Microbiology</i> , 2020, 11, 601555.	1.5	8
44	Torque Teno Virus load in lung cancer patients correlates with age but not with tumor stage. <i>PLoS ONE</i> , 2021, 16, e0252304.	1.1	6
45	Clinical and Virological Aspects of HBV Reactivation: A Focus on Acute Liver Failure. <i>Viruses</i> , 2019, 11, 863.	1.5	5
46	The PI3K pathway acting on alternative HIV-1 pre-mRNA splicing. <i>Journal of General Virology</i> , 2014, 95, 1809-1815.	1.3	4
47	Clinical patterns associated with the concurrent detection of anti-HBs and HBV DNA. <i>Journal of Medical Virology</i> , 2018, 90, 282-290.	2.5	4
48	Sequestration of Late Antigens Within Viral Factories Impairs MVA Vector-Induced Protective Memory CTL Responses. <i>Frontiers in Immunology</i> , 2019, 10, 2850.	2.2	4
49	SARS-CoV-2 screening strategies for returning international travellers: Evaluation of a rapid antigen test approach. <i>International Journal of Infectious Diseases</i> , 2022, 118, 126-131.	1.5	4
50	HIV infection does not alter interferon $\beta$ receptor 2 expression on mucosal immune cells. <i>PLoS ONE</i> , 2020, 15, e0218905.	1.1	3
51	Mutational analysis of the internal membrane proximal domain of the HIV glycoprotein C-terminus. <i>Virology</i> , 2013, 440, 31-40.	1.1	2
52	Detection of hepatitis b virus DNA in the blood of a stem cell donor after granulocyte colony-stimulating factor treatment. <i>Hepatology</i> , 2016, 64, 1803-1805.	3.6	2
53	Reactivations of Latent Viral Infections Are Associated with an Increased Thr389 p70S6k Phosphorylation in Peripheral Lymphocytes of Renal Transplant Recipients. <i>Viruses</i> , 2021, 13, 424.	1.5	2
54	Detection and Quantification of SARS-CoV-2 by Real-Time RT-PCR Assay. <i>Methods in Molecular Biology</i> , 2022, 2452, 75-98.	0.4	2

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55	HEXploring of the HIV-1 genome allows landscaping of new potential splicing regulatory elements. <i>Retrovirology</i> , 2013, 10, .	0.9	1
56	THU-049-Impaired adaptive immunity is an early event in liver cirrhosis preceding acute-on-chronic liver failure. <i>Journal of Hepatology</i> , 2019, 70, e181-e182.	1.8	0
57	Measurement of BK-polyomavirus Non-Coding Control Region Driven Transcriptional Activity Via Flow Cytometry. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	0
58	Dysfunctional adaptive immunity in liver cirrhosis and acute-on-chronic liver failure is characterized by aberrant immune checkpoint expression and diminished cytokine secretion in T cells. <i>Journal of Hepatology</i> , 2020, 73, S503.	1.8	0
59	Multicenter Performance Evaluation of Elecsys Anti-HBc II, Anti-HCV II, HIV combi PT, HBsAg II, and Syphilis Immunoassays. <i>Clinical Laboratory</i> , 2021, 67, .	0.2	0