Elisabeth Puchhammer-StÃ¶ckl

List of Publications by Year
in descending order

95 papers	3,166 citations	147801 31 h-index	189892 50 g-index
104 all docs	104 docs citations	104 times ranked	4770 citing authors

#	Article	IF	Citations
1	Neutralization of SARSâ€CoVâ€2 requires antibodies against conformational receptorâ€binding domain epitopes. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 230-242.	5.7	45
2	Torque Teno Virus quantification for monitoring of immunomodulation with biologic compounds in the treatment of rheumatoid arthritis. Rheumatology, 2022, 61, 2815-2825.	1.9	12
3	Deletion of the Natural Killer Cell Receptor NKG2C Encoding KLR2C Gene and Kidney Transplant Outcome. Frontiers in Immunology, 2022, 13, 829228.	4.8	8
4	Metagenomic sequencing reveals time, host, and body compartment-specific viral dynamics after lung transplantation. Microbiome, 2022, 10, 66.	11.1	7
5	Complexity of Human Cytomegalovirus Infection in South African HIV-Exposed Infants with Pneumonia. Viruses, 2022, 14, 855.	3.3	0
6	High-affinity FcÎ³RIIIa genetic variants and potent NKÂcell-mediated antibody-dependent cellular cytotoxicity (ADCC) responses contributing to severeÂCOVID-19. Genetics in Medicine, 2022, 24, 1449-1458.	2.4	12
7	FC 106: Validation of the Optimal Torque Teno Virus Range for Risk Stratification of Graft Rejection and Infection in Kidney Transplant Recipients by TTV R-GENEÂ®. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0
8	Integrated Immunologic Monitoring in Solid Organ Transplantation: The Road Toward Torque Teno Virus-guided Immunosuppression. Transplantation, 2022, 106, 1940-1951.	1.0	30
9	MO1022: Torque Teno Virus Load in Kidney Transplantation: Association with Donor and Recipient Characteristics and Clinical Follow-Up Data. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0
10	Results of a SARS-CoV-2 virus genome detection external quality assessment round focusing on sensitivity of assays and pooling of samples. Clinical Chemistry and Laboratory Medicine, 2022, 60, 1308-1312.	2.3	6
11	Torque teno viral load reflects immunosuppression in paediatric kidney-transplanted patientsâ€"a pilot study. Pediatric Nephrology, 2021, 36, 153-162.	1.7	27
12	Diagnosis of COVID-19 using multiple antibody assays in two cases with negative PCR results from nasopharyngeal swabs. Infection, 2021, 49, 171-175.	4.7	11
13	Recommendations for the introduction of metagenomic high-throughput sequencing in clinical virology, part I: Wet lab procedure. Journal of Clinical Virology, 2021, 134, 104691.	3.1	42
14	Deletion of the NKG2C receptor encoding KLRC2 gene and HLA-E variants are risk factors for severe COVID-19. Genetics in Medicine, 2021, 23, 963-967.	2.4	79
15	SARS-CoV-2 mutations in MHC-I-restricted epitopes evade CD8 ⁺ T cell responses. Science Immunology, 2021, 6, .	11.9	143
16	Significant impact of nationwide SARS-CoV-2 lockdown measures on the circulation of other respiratory virus infections in Austria. Journal of Clinical Virology, 2021, 137, 104795.	3.1	85
17	Extent of Cytomegalovirus Replication in the Human Host Depends on Variations of the HLA-E/UL40 Axis. MBio, 2021, 12, .	4.1	17
18	Assessment of S1-, S2-, and NCP-Specific IgM, IgA, and IgG Antibody Kinetics in Acute SARS-CoV-2 Infection by a Microarray and Twelve Other Immunoassays. Journal of Clinical Microbiology, 2021, 59, .	3.9	30

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19	Recommendations for the introduction of metagenomic next-generation sequencing in clinical virology, part II: bioinformatic analysis and reporting. Journal of Clinical Virology, 2021, 138, 104812.	3.1	39
20	Low SARS-CoV-2 seroprevalence in the Austrian capital after an early governmental lockdown. Scientific Reports, 2021, 11, 10158.	3.3	13
21	The versatility of external quality assessment for the surveillance of laboratory and in vitro diagnostic performance: SARS-CoV-2 viral genome detection in Austria. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1735-1744.	2.3	14
22	Analysis and Fine Specificity of the HCMV-Specific Cell-Free and Cell-Associated Antibody-Dependent Cellular Phagocytosis (ADCP) Responses in Lung Transplant Recipients. International Journal of Molecular Sciences, 2021, 22, 8206.	4.1	3
23	RT-PCR based SARS-CoV-2 variant screening assays require careful quality control. Journal of Clinical Virology, 2021, 141, 104905.	3.1	17
24	Torque Teno Virus Load Is Associated With Subclinical Alloreactivity in Kidney Transplant Recipients: A Prospective Observational Trial. Transplantation, 2021, 105, 2112-2118.	1.0	29
25	Association between chronic lung allograft dysfunction and human Cytomegalovirus UL40 peptide variants in lung-transplant recipients. Journal of Heart and Lung Transplantation, 2021, 40, 900-904.	0.6	4
26	Human pegivirus 1 infection in lung transplant recipients: Prevalence, clinical relevance and kinetics of viral replication under immunosuppressive therapy. Journal of Clinical Virology, 2021, 143, 104937.	3.1	5
27	Variability of cycle threshold values in an external quality assessment scheme for detection of the SARS-CoV-2 virus genome by RT-PCR. Clinical Chemistry and Laboratory Medicine, 2021, 59, 987-994.	2.3	49
28	A look at the precision, sensitivity and specificity of SARS-CoV-2 RT-PCR assays through a dedicated external quality assessment round. Clinical Chemistry and Laboratory Medicine, 2021, .	2.3	4
29	Inadequate design of mutation detection panels prevents interpretation of variants of concern: results of an external quality assessment for SARS-CoV-2 variant detection. Clinical Chemistry and Laboratory Medicine, 2021, .	2.3	10
30	Dissection of the NKG2C NK cell response against Puumala Orthohantavirus. PLoS Neglected Tropical Diseases, 2021, 15, e0010006.	3.0	6
31	Genomic epidemiology of superspreading events in Austria reveals mutational dynamics and transmission properties of SARS-CoV-2. Science Translational Medicine, 2020, 12, .	12.4	203
32	Dynamics of CD4 T Cell and Antibody Responses in COVID-19 Patients With Different Disease Severity. Frontiers in Medicine, 2020, 7, 592629.	2.6	54
33	P1624TORQUE TENO VIRUS FOR RISK STRATIFICATION OF GRAFT REJECTION AND INFECTION IN KIDNEY TRANSPLANT RECIPIENTS - A PROSPECTIVE OBSERVATIONAL TRIAL. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	1
34	P1643TORQUE TENO VIRUS FOR RISK STRATIFICATION OF SUBCLINICAL GRAFT REJECTION AFTER KIDNEY TRANSPLANTATION- A PROSPECTIVE STUDY. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
35	Investigation of Torque Teno Virus (TTV) DNA as an immunological and virological marker in pediatric hematopoietic stem cell transplantation (HSCT) patients. Microbial Pathogenesis, 2020, 149, 104397.	2.9	3
36	Influence of Human Cytomegalovirus Glycoprotein O Polymorphism on the Inhibitory Effect of Soluble Forms of Trimer- and Pentamer-Specific Entry Receptors. Journal of Virology, 2020, 94, .	3.4	9

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37	Performance of Severe Acute Respiratory Syndrome Coronavirus 2 Antibody Assays in Different Stages of Infection: Comparison of Commercial Enzyme-Linked Immunosorbent Assays and Rapid Tests. Journal of Infectious Diseases, 2020, 222, 362-366.	4.0	64
38	Human Cytomegalovirus (HCMV)-Specific Antibody Response and Development of Antibody-Dependent Cellular Cytotoxicity Against HCMV After Lung Transplantation. Journal of Infectious Diseases, 2020, 222, 417-427.	4.0	4
39	Torque teno virus for risk stratification of graft rejection and infection in kidney transplant recipientsâ€"A prospective observational trial. American Journal of Transplantation, 2020, 20, 2081-2090.	4.7	64
40	Torque Teno Virus for Risk Stratification of Acute Biopsy-Proven Alloreactivity in Kidney Transplant Recipients. Journal of Infectious Diseases, 2019, 219, 1934-1939.	4.0	46
41	THU0101â€...TORQUE TENO VIRAL LOAD FOR MONITORING OF BIOLOGICAL THERAPIES IN RHEUMATOID ARTHRITIS. , 2019, , .		0
42	NKG2C Deletion Is a Risk Factor for Human Cytomegalovirus Viremia and Disease After Lung Transplantation. Journal of Infectious Diseases, 2018, 217, 802-806.	4.0	22
43	Association between antibody functions and human cytomegalovirus (HCMV) replication after lung transplantation in HCMV-seropositive patients. Journal of Heart and Lung Transplantation, 2018, 37, 299-302.	0.6	1
44	Quantification of Torque Teno Virus Viremia as a Prospective Biomarker for Infectious Disease in Kidney Allograft Recipients. Journal of Infectious Diseases, 2018, 218, 1191-1199.	4.0	93
45	Torque Teno Virus as a Novel Biomarker Targeting the Efficacy of Immunosuppression After Lung Transplantation. Journal of Infectious Diseases, 2018, 218, 1922-1928.	4.0	64
46	Temporal dynamics of the lung and plasma viromes in lung transplant recipients. PLoS ONE, 2018, 13, e0200428.	2.5	23
47	Immune-escape mutations and stop-codons in HBsAg develop in a large proportion of patients with chronic HBV infection exposed to anti-HBV drugs in Europe. BMC Infectious Diseases, 2018, 18, 251.	2.9	33
48	Torque Teno Virus Loadâ€"Inverse Association With Antibody-Mediated Rejection After Kidney Transplantation. Transplantation, 2017, 101, 360-367.	1.0	81
49	Association between plasma Torque teno virus level and chronic lung allograft dysfunction after lung transplantation. Journal of Heart and Lung Transplantation, 2017, 36, 366-368.	0.6	45
50	Differences in Growth Properties among Two Human Cytomegalovirus Glycoprotein O Genotypes. Frontiers in Microbiology, 2017, 8, 1609.	3.5	33
51	Association of Human Immunoglobulin G1 Heavy Chain Variants With Neutralization Capacity and Antibody-Dependent Cellular Cytotoxicity Against Human Cytomegalovirus. Journal of Infectious Diseases, 2016, 214, 1175-1179.	4.0	4
52	Subclass-specific antibody responses to human cytomegalovirus in lung transplant recipients and their association with constant heavy immunoglobulin G chain polymorphism and virus replication. Journal of Heart and Lung Transplantation, 2016, 35, 370-377.	0.6	5
53	Transmission of HIV Drug Resistance and the Predicted Effect on Current First-line Regimens in Europe. Clinical Infectious Diseases, 2016, 62, 655-663.	5.8	135
54	Combined Analysis of the Prevalence of Drug-Resistant Hepatitis B Virus in Antiviral Therapyâ€"Experienced Patients in Europe (CAPRE). Journal of Infectious Diseases, 2016, 213, 39-48.	4.0	28

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55	Comparison of the Specificities of IgG, IgG-Subclass, IgA and IgM Reactivities in African and European HIV-Infected Individuals with an HIV-1 Clade C Proteome-Based Array. PLoS ONE, 2015, 10, e0117204.	2.5	14
56	Pre-Transplant Plasma Torque Teno Virus Load and Increase Dynamics after Lung Transplantation. PLoS ONE, 2015, 10, e0122975.	2.5	76
57	Approaches for monitoring of non virus-specific and virus-specific T-cell response in solid organ transplantation and their clinical applications. Journal of Clinical Virology, 2015, 70, 109-119.	3.1	20
58	Analysis of human cytomegalovirus strain populations in urine samples of newborns by ultra deep sequencing. Journal of Clinical Virology, 2015, 73, 101-104.	3.1	11
59	Association of CMV-Specific T Cell-Mediated Immunity with CMV DNAemia and Development of CMV Disease in HIV-1â€“Infected Individuals. PLoS ONE, 2015, 10, e0137096.	2.5	5
60	TTV DNA plasma load and its association with age, gender, and HCMV IgG serostatus in healthy adults. Age, 2014, 36, 9716.	3.0	59
61	High CXCL-16 Levels Correlate With Symptomatic Disease in Lung Transplant Recipients With Human Cytomegalovirus Replication in the Allograft. American Journal of Transplantation, 2014, 14, 2406-2411.	4.7	11
62	Plasma DNA levels of Torque teno virus and immunosuppression after lung transplantation. Journal of Heart and Lung Transplantation, 2014, 33, 320-323.	0.6	100
63	Patterns of Transmitted HIV Drug Resistance in Europe Vary by Risk Group. PLoS ONE, 2014, 9, e94495.	2.5	32
64	Association of human cytomegalovirus DNAaemia and specific granzyme B responses in lung transplant recipients. Clinical and Experimental Immunology, 2013, 173, 438-443.	2.6	7
65	Association of HCMV specific IgG subclass antibody levels with gender and age. Experimental Gerontology, 2013, 48, 472-475.	2.8	10
66	Chronic Lymphocytic Leukemia Patients Have a Preserved Cytomegalovirus-Specific Antibody Response despite Progressive Hypogammaglobulinemia. PLoS ONE, 2013, 8, e78925.	2.5	11
67	Seroconversion and avidity maturation of cytomegalovirus-specific IgG in D+/Râ^' lung transplant patients receiving different prophylactic anti-viral regimens. Journal of Heart and Lung Transplantation, 2012, 31, 784-786.	0.6	1
68	Association of age and gender with alphaherpesvirus infections of the central nervous system in the immunocompetent host. Journal of Clinical Virology, 2012, 53, 356-359.	3.1	13
69	Age-dependent increase of memory B cell response to cytomegalovirus in healthy adults. Experimental Gerontology, 2012, 47, 654-657.	2.8	17
70	Prospective Analysis of Human Cytomegalovirus DNAemia and Specific CD8+ T Cell Responses in Lung Transplant Recipients. American Journal of Transplantation, 2012, 12, 2172-2180.	4.7	35
71	Human Cytomegalovirus Infection in Lung Transplant Recipients Triggers a CXCL-10 Response. American Journal of Transplantation, 2011, 11, 542-552.	4.7	17
72	Human cytomegalovirus: an enormous variety of strains and their possible clinical significance in the human host. Future Virology, 2011, 6, 259-271.	1.8	37

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73	Deep Sequencing Reveals Highly Complex Dynamics of Human Cytomegalovirus Genotypes in Transplant Patients over Time. Journal of Virology, 2010, 84, 7195-7203.	3.4	106
74	Human cytomegalovirus (HCMV) genotype populations in immunocompetent individuals during primary HCMV infection. Journal of Clinical Virology, 2010, 48, 100-103.	3.1	38
75	Cytomegalovirus DNA Load Patterns Developing After Lung Transplantation Are Significantly Correlated With Long-Term Patient Survival. Transplantation, 2009, 87, 1720-1726.	1.0	26
76	Virus load dynamics of individual CMVâ€genotypes in lung transplant recipients with mixedâ€genotype infections. Journal of Medical Virology, 2008, 80, 1405-1414.	5.0	43
77	Herpesviruses and the transplanted lung: Looking at the air side. Journal of Clinical Virology, 2008, 43, 415-418.	3.1	9
78	Relationship between Cytomegalovirus DNA Load in Epithelial Lining Fluid and Plasma of Lung Transplant Recipients and Analysis of Coinfection with Epstein-Barr Virus and Human Herpesvirus 6 in the Lung Compartment. Journal of Clinical Microbiology, 2007, 45, 324-328.	3.9	62
79	Associations among Epstein-Barr Virus Subtypes, Human Leukocyte Antigen Class I Alleles, and the Development of Posttransplantation Lymphoproliferative Disorder in Bone Marrow Transplant Recipients. Clinical Infectious Diseases, 2007, 44, 693-695.	5.8	7
80	Analysis of the variability of CMV strains in the RL11D domain of the RL11 multigene family. Virus Genes, 2007, 35, 577-583.	1.6	29
81	Cytomegalovirus and Epstein-Barr virus subtypesâ€"The search for clinical significance. Journal of Clinical Virology, 2006, 36, 239-248.	3.1	59
82	Characterization of Epstein-Barr virus Type I variants based on linked polymorphism among EBNA3A, -3B, and -3C genes. Virus Research, 2006, 118, 105-114.	2.2	22
83	Emergence of Multiple Cytomegalovirus Strains in Blood and Lung of Lung Transplant Recipients. Transplantation, 2006, 81, 187-194.	1.0	72
84	Quantitative real time PCR detection of Varicella-zoster virus DNA in cerebrospinal fluid in patients with neurological disease. Medical Microbiology and Immunology, 2005, 194, 7-12.	4.8	65
85	Low Proportion of Recent Human Immunodeficiency Virus (HIV) Infections among Newly Diagnosed Cases of HIV Infection as Shown by the Presence of HIV-Specific Antibodies of Low Avidity. Journal of Clinical Microbiology, 2005, 43, 497-498.	3.9	11
86	Cytomegalovirus genotypes present in cerebrospinal fluid of HIV-infected patients. Aids, 2005, 19, 273-8.	2.2	18
87	ASSOCIATION OF CYTOMEGALOVIRUS DNA CONCENTRATION IN EPITHELIAL LINING FLUID AND SYMPTOMATIC CYTOMEGALOVIRUS INFECTION IN LUNG TRANSPLANT RECIPIENTS. Transplantation, 2004, 77, 1897-1899.	1.0	16
88	Diagnosis of herpesvirus infections of the central nervous system. Journal of Clinical Virology, 2002, 25, 79-85.	3.1	64
89	Screening for possible failure of herpes simplex virus PCR in cerebrospinal fluid for the diagnosis of herpes simplex encephalitis. Journal of Medical Virology, 2001, 64, 531-536.	5.0	69
90	Comparison of line probe assay (LIPA) and sequence analysis for detection of HIV-1 drug resistance. , 1999, 57, 283-289.		23

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91	Possible influence of the mutant CCR5 allele on vertical transmission of HIV-1. , 1998, 55, 51-55.		27
92	Possible influence of the mutant CCR5 allele on vertical transmission of HIVâ€1. Journal of Medical Virology, 1998, 55, 51-55.	5.0	4
93	Prevalence of hepatitis-C virus RNA in serum and throat washings of children with chronic hepatitis. Journal of Medical Virology, 1994, 43, 143-147.	5.0	18
94	Prevalence of hepatitis-C virus infection in children with chronic post-transfusion hepatitis. Journal of Medical Virology, 1992, 37, 298-302.	5.0	7
95	Establishment of PCR for the early diagnosis of herpes simplex encephalitis. Journal of Medical Virology, 1990, 32, 77-82.	5.0	125