

Roman WÄ¶lfel

List of Publications by Year in descending order

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77
papers

14,842
citations

126858

33
h-index

62565

80
g-index

88
all docs

88
docs citations

88
times ranked

30136
citing authors

#	ARTICLE	IF	CITATIONS
1	Virological assessment of hospitalized patients with COVID-2019. <i>Nature</i> , 2020, 581, 465-469.	13.7	5,822
2	Transmission of 2019-nCoV Infection from an Asymptomatic Contact in Germany. <i>New England Journal of Medicine</i> , 2020, 382, 970-971.	13.9	3,343
3	Real-time, portable genome sequencing for Ebola surveillance. <i>Nature</i> , 2016, 530, 228-232.	13.7	1,179
4	Multilevel proteomics reveals host perturbations by SARS-CoV-2 and SARS-CoV. <i>Nature</i> , 2021, 594, 246-252.	13.7	475
5	Investigation of a COVID-19 outbreak in Germany resulting from a single travel-associated primary case: a case series. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 920-928.	4.6	383
6	Experimental Treatment with Favipiravir for Ebola Virus Disease (the JIKI Trial): A Historically Controlled, Single-Arm Proof-of-Concept Trial in Guinea. <i>PLoS Medicine</i> , 2016, 13, e1001967.	3.9	382
7	Virus genomes reveal factors that spread and sustained the Ebola epidemic. <i>Nature</i> , 2017, 544, 309-315.	13.7	346
8	Temporal and spatial analysis of the 2014–2015 Ebola virus outbreak in West Africa. <i>Nature</i> , 2015, 524, 97-101.	13.7	272
9	Unique human immune signature of Ebola virus disease in Guinea. <i>Nature</i> , 2016, 533, 100-104.	13.7	170
10	Virus Detection and Monitoring of Viral Load in Crimean-Congo Hemorrhagic Fever Virus Patients. <i>Emerging Infectious Diseases</i> , 2007, 13, 1097-1100.	2.0	112
11	Rapid outbreak sequencing of Ebola virus in Sierra Leone identifies transmission chains linked to sporadic cases. <i>Virus Evolution</i> , 2016, 2, vew016.	2.2	105
12	Clinical and virological features of first human monkeypox cases in Germany. <i>Infection</i> , 2023, 51, 265-270.	2.3	105
13	Persistence and clearance of Ebola virus RNA from seminal fluid of Ebola virus disease survivors: a longitudinal analysis and modelling study. <i>The Lancet Global Health</i> , 2017, 5, e80-e88.	2.9	100
14	SARS-CoV-2 antibody testing—questions to be asked. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 35-43.	1.5	82
15	A new Puumala hantavirus subtype in rodents associated with an outbreak of Nephropathia epidemica in South-East Germany in 2004. <i>Epidemiology and Infection</i> , 2006, 134, 1333-1344.	1.0	68
16	Molecular identification of adenovirus sequences: A rapid scheme for early typing of human adenoviruses in diagnostic samples of immunocompetent and immunodeficient patients. <i>Journal of Medical Virology</i> , 2006, 78, 1210-1217.	2.5	67
17	Diagnostics of tick-borne rickettsioses in Germany: A modern concept for a neglected disease. <i>International Journal of Medical Microbiology</i> , 2008, 298, 368-374.	1.5	66
18	Diagnostic Assays for Crimean-Congo Hemorrhagic Fever. <i>Emerging Infectious Diseases</i> , 2012, 18, 1958-1965.	2.0	66

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19	Yersinia pestis Lineages in Mongolia. PLoS ONE, 2012, 7, e30624.	1.1	64
20	Typhus and Other Rickettsioses. Deutsches Ärzteblatt International, 2009, 106, 348-54.	0.6	63
21	Multicentre comparison of quantitative PCR-based assays to detect SARS-CoV-2, Germany, March 2020. Eurosurveillance, 2020, 25, .	3.9	60
22	Dilemmas in Managing Pregnant Women With Ebola: 2 Case Reports: Table 1.. Clinical Infectious Diseases, 2016, 62, 903-905.	2.9	56
23	In Search of the SARS-CoV-2 Protection Correlate: Head-to-Head Comparison of Two Quantitative S1 Assays in Pre-characterized Oligo-/Asymptomatic Patients. Infectious Diseases and Therapy, 2021, 10, 1505-1518.	1.8	53
24	Detection of a questing Hyalomma marginatum marginatum adult female (Acari, Ixodidae) in southern Germany. Experimental and Applied Acarology, 2007, 43, 227-231.	0.7	52
25	Prevalence and Risk Factors of Infection in the Representative COVID-19 Cohort Munich. International Journal of Environmental Research and Public Health, 2021, 18, 3572.	1.2	47
26	Different features of VÎ2 T and NK cells in fatal and non-fatal human Ebola infections. PLoS Neglected Tropical Diseases, 2017, 11, e0005645.	1.3	46
27	Mobile diagnostics in outbreak response, not only for Ebola: a blueprint for a modular and robust field laboratory. Eurosurveillance, 2015, 20, .	3.9	45
28	Rickettsia raoultii, the predominant Rickettsia found in Mongolian Dermacentor nuttalli. Ticks and Tick-borne Diseases, 2012, 3, 227-231.	1.1	40
29	Rickettsia spp. in Ixodes ricinus Ticks in Bavaria, Germany. Annals of the New York Academy of Sciences, 2006, 1078, 509-511.	1.8	39
30	Laboratory Findings, Compassionate Use of Favipiravir, and Outcome in Patients With Ebola Virus Disease, Guinea, 2015â€”A Retrospective Observational Study. Journal of Infectious Diseases, 2019, 220, 195-202.	1.9	38
31	Phylogenetic analysis of Puumala virus subtype Bavaria, characterization and diagnostic use of its recombinant nucleocapsid protein. Virus Genes, 2011, 43, 177-191.	0.7	35
32	COVID-19 in Patients Receiving CD20-depleting Immunochemotherapy for B-cell Lymphoma. HemaSphere, 2021, 5, e603.	1.2	35
33	Seroepidemiological study in a Puumala virus outbreak area in South-East Germany. Medical Microbiology and Immunology, 2009, 198, 83-91.	2.6	34
34	Low-Density Macroarray for Rapid Detection and Identification of Crimean-Congo Hemorrhagic Fever Virus. Journal of Clinical Microbiology, 2009, 47, 1025-1030.	1.8	32
35	Analysis of Diagnostic Findings From the European Mobile Laboratory in GuÃ©ckÃ©dou, Guinea, March 2014 Through March 2015. Journal of Infectious Diseases, 2016, 214, S250-S257.	1.9	32
36	Simultaneous Detection of Ricin and Abrin DNA by Real-Time PCR (qPCR). Toxins, 2012, 4, 633-642.	1.5	31

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37	First International External Quality Assessment of Molecular Detection of Crimean-Congo Hemorrhagic Fever Virus. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1706.	1.3	30
38	High prevalence of genetically diverse <i>Borrelia bavariensis</i> -like strains in <i>Ixodes persulcatus</i> from Selenge Aimag, Mongolia. <i>Ticks and Tick-borne Diseases</i> , 2013, 4, 89-92.	1.1	30
39	Deep Sequencing of RNA from Blood and Oral Swab Samples Reveals the Presence of Nucleic Acid from a Number of Pathogens in Patients with Acute Ebola Virus Disease and Is Consistent with Bacterial Translocation across the Gut. <i>MSphere</i> , 2017, 2, .	1.3	30
40	Comparison of two commercial surrogate ELISAs to detect a neutralising antibody response to SARS-CoV-2. <i>Journal of Virological Methods</i> , 2021, 292, 114122.	1.0	30
41	Isolation, preliminary characterization, and full-genome analyses of tick-borne encephalitis virus from Mongolia. <i>Virus Genes</i> , 2012, 45, 413-425.	0.7	29
42	Results of the first pilot external quality assessment (EQA) scheme for anti-SARS-CoV2-antibody testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2121-2130.	1.4	26
43	A pair of noncompeting neutralizing human monoclonal antibodies protecting from disease in a SARS-CoV-2 infection model. <i>European Journal of Immunology</i> , 2022, 52, 770-783.	1.6	24
44	Head-to-head evaluation of seven different seroassays including direct viral neutralisation in a representative cohort for SARS-CoV-2. <i>Journal of General Virology</i> , 2021, 102, .	1.3	21
45	Isolation and characterization of lytic phage TUN1 specific for <i>Klebsiella pneumoniae</i> K64 clinical isolates from Tunisia. <i>BMC Microbiology</i> , 2021, 21, 186.	1.3	19
46	Detection of <i>Coxiella burnetii</i> in heart valve sections by fluorescence in situ hybridization. <i>Journal of Medical Microbiology</i> , 2018, 67, 537-542.	0.7	18
47	Screening for carbapenemases in ertapenem-resistant Enterobacteriaceae collected at a Tunisian hospital between 2014 and 2018. <i>European Journal of Microbiology and Immunology</i> , 2019, 9, 9-13.	1.5	17
48	High seroprevalence for indigenous spotted fever group rickettsiae in forestry workers from the federal state of Brandenburg, Eastern Germany. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 132-138.	1.1	15
49	Viral Hemorrhagic Fever Cases in the Country of Georgia: Acute Febrile Illness Surveillance Study Results. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 246-248.	0.6	14
50	Establishment of a specimen panel for the decentralised technical evaluation of the sensitivity of 31 rapid diagnostic tests for SARS-CoV-2 antigen, Germany, September 2020 to April 2021. <i>Eurosurveillance</i> , 2021, 26, .	3.9	14
51	Ebola: missed opportunities for Europe's Africa research. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 1254-1255.	4.6	13
52	Seroprevalence of tick-borne and mosquito-borne arboviruses in European brown hares in Northern and Western Germany. <i>International Journal of Medical Microbiology</i> , 2006, 296, 80-83.	1.5	12
53	Lassa and Crimean-Congo Hemorrhagic Fever Viruses, Mali. <i>Emerging Infectious Diseases</i> , 2019, 25, 999-1002.	2.0	12
54	Evaluation of sampling technique and transport media for the diagnostics of adenoviral eye infections. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 1497-1504.	1.0	11

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55	Phylogenetic Placement of Isolates Within the Trans-Eurasian Clade A.Br.008/009 of <i>Bacillus anthracis</i> . <i>Microorganisms</i> , 2019, 7, 689.	1.6	11
56	In vitro evaluation of the effect of mutations in primer binding sites on detection of SARS-CoV-2 by RT-qPCR. <i>Journal of Virological Methods</i> , 2022, 299, 114352.	1.0	11
57	Evaluation of Two Rapid Lateral Flow Tests and Two Surrogate ELISAs for the Detection of SARS-CoV-2 Specific Neutralizing Antibodies. <i>Frontiers in Medicine</i> , 2022, 9, 820151.	1.2	11
58	Whole genome sequencing and phylogenetic classification of Tunisian SARS-CoV-2 strains from patients of the Military Hospital in Tunis. <i>Virus Genes</i> , 2020, 56, 767-771.	0.7	10
59	The interplay of viral loads, clinical presentation, and serological responses in SARS-CoV-2 – Results from a prospective cohort of outpatient COVID-19 cases. <i>Virology</i> , 2022, 569, 37-43.	1.1	9
60	Assessing the Quality of Serological Testing in the COVID-19 Pandemic: Results of a European External Quality Assessment (EQA) Scheme for Anti-SARS-CoV-2 Antibody Detection. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0055921.	1.8	8
61	Emerging SARS-CoV-2 variant B.1.1.7 reduces neutralisation activity of antibodies against wild-type SARS-CoV-2. <i>Journal of Clinical Virology</i> , 2021, 142, 104912.	1.6	8
62	Development of a versatile and stable internal control system for RT-qPCR assays. <i>Journal of Virological Methods</i> , 2014, 208, 33-40.	1.0	7
63	First Phylogenetic Analysis of Malian SARS-CoV-2 Sequences Provides Molecular Insights into the Genomic Diversity of the Sahel Region. <i>Viruses</i> , 2020, 12, 1251.	1.5	7
64	Isolation and whole genome analysis of endospore-forming bacteria from heroin. <i>Forensic Science International: Genetics</i> , 2018, 32, 1-6.	1.6	6
65	The identification of novel single nucleotide polymorphisms to assist in mapping the spread of <i>Bacillus anthracis</i> across the Southern Caucasus. <i>Scientific Reports</i> , 2018, 8, 11254.	1.6	6
66	Prevalence of Middle East Respiratory Syndrome Coronavirus in Dromedary Camels, Tunisia. <i>Emerging Infectious Diseases</i> , 2021, 27, 1964-1968.	2.0	6
67	Prevalence and Risk Factors of Infection in the Representative COVID-19 Cohort Munich. <i>SSRN Electronic Journal</i> , 0, , .	0.4	6
68	EvaGreen based real-time RT-PCR assay for broad-range detection of hantaviruses in the field. <i>Journal of Clinical Virology</i> , 2013, 58, 334-335.	1.6	5
69	Non-randomised Ebola trials – lessons for optimal outbreak research. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 407-408.	4.6	5
70	NOTIFy (non-toxic lyophilized field)-FISH for the identification of biological agents by Fluorescence in situ Hybridization. <i>PLoS ONE</i> , 2020, 15, e0230057.	1.1	4
71	Rapid detection of SARS-CoV-2 by pulse-controlled amplification (PCA). <i>Journal of Virological Methods</i> , 2021, 290, 114083.	1.0	4
72	Technical Note: Simple, scalable, and sensitive protocol for retrieving <i>Bacillus anthracis</i> (and other) Tj ETQq0 0 0 rgBTj/Overlogk 10 Tf 50	1.3	3

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73	Assessment of SARS-CoV-2 rapid antigen tests. <i>Journal of Laboratory Medicine</i> , 2021, 45, 143-148.	1.1	3
74	Sensitivity of two SARS-CoV-2 variants with spike protein mutations to neutralising antibodies. <i>Virus Genes</i> , 2021, 57, 502-509.	0.7	3
75	Genome Sequence of Historical <i>Bacillus anthracis</i> Strain Tyrol 4675 Isolated from a Bovine Anthrax Case in Austria. <i>Genome Announcements</i> , 2017, 5, .	0.8	2
76	PCR based prevalence study of <i>Francisella tularensis</i> in Kharkiv, Dnipropetrovsk, and Mykolaiv oblasts during 2015–2018. <i>Journal of Veterinary Research (Poland)</i> , 2020, 64, 63-71.	0.3	1
77	P1038 Seroprevalence of IgG antibodies against flaviviruses in German soldiers. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, S278-S279.	1.1	0