

Andi Krumbholz

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

3,024
citations

147801

31
h-index

182427

51
g-index

76
all docs

76
docs citations

76
times ranked

4693
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating infectiousness throughout SARS-CoV-2 infection course. <i>Science</i> , 2021, 373, .	12.6	389
2	Comparison of seven commercial SARS-CoV-2 rapid point-of-care antigen tests: a single-centre laboratory evaluation study. <i>Lancet Microbe</i> , The, 2021, 2, e311-e319.	7.3	274
3	Prevalence of PB1-F2 of influenza A viruses. <i>Journal of General Virology</i> , 2007, 88, 536-546.	2.9	131
4	Biology, evolution, and medical importance of polyomaviruses: An update. <i>Infection, Genetics and Evolution</i> , 2017, 54, 18-38.	2.3	112
5	Prevalence of hepatitis E virus-specific antibodies in humans with occupational exposure to pigs. <i>Medical Microbiology and Immunology</i> , 2012, 201, 239-244.	4.8	110
6	Porcine Teschoviruses Comprise at Least Eleven Distinct Serotypes: Molecular and Evolutionary Aspects. <i>Journal of Virology</i> , 2001, 75, 1620-1631.	3.4	109
7	Sequencing of Porcine Enterovirus Groups II and III Reveals Unique Features of Both Virus Groups. <i>Journal of Virology</i> , 2002, 76, 5813-5821.	3.4	87
8	Current knowledge on PB1-F2 of influenza A viruses. <i>Medical Microbiology and Immunology</i> , 2011, 200, 69-75.	4.8	86
9	High prevalence of amantadine resistance among circulating European porcine influenza A viruses. <i>Journal of General Virology</i> , 2009, 90, 900-908.	2.9	77
10	Detection of porcine enteroviruses by nRT-PCR: differentiation of CPE groups III with specific primer sets. <i>Journal of Virological Methods</i> , 2000, 88, 205-218.	2.1	75
11	Performance of a Point-of-Care Test for the Rapid Detection of SARS-CoV-2 Antigen. <i>Microorganisms</i> , 2021, 9, 58.	3.6	66
12	Phylogenetics, evolution, and medical importance of polyomaviruses. <i>Infection, Genetics and Evolution</i> , 2009, 9, 784-799.	2.3	59
13	Database on natural polymorphisms and resistance-related non-synonymous mutations in thymidine kinase and DNA polymerase genes of herpes simplex virus types 1 and 2. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 6-16.	3.0	57
14	Detection of porcine teschoviruses and enteroviruses by LightCycler real-time PCR. <i>Journal of Virological Methods</i> , 2003, 113, 51-63.	2.1	52
15	Prevalence of BK virus subtype I in Germany. <i>Journal of Medical Virology</i> , 2006, 78, 1588-1598.	5.0	50
16	Novel reassortant of swine influenza H1N2 virus in Germany. <i>Journal of General Virology</i> , 2008, 89, 271-276.	2.9	48
17	Age-related and regional differences in the prevalence of hepatitis E virus-specific antibodies in pigs in Germany. <i>Veterinary Microbiology</i> , 2013, 167, 394-402.	1.9	47
18	Seroprevalence of hepatitis E virus (HEV) in humans living in high pig density areas of Germany. <i>Medical Microbiology and Immunology</i> , 2014, 203, 273-282.	4.8	47

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19	Humoral immune response after different SARS-CoV-2 vaccination regimens. <i>BMC Medicine</i> , 2022, 20, 31.	5.5	47
20	Reassortants of the pandemic (H1N1) 2009 virus and establishment of a novel porcine H1N2 influenza virus, lineage in Germany. <i>Veterinary Microbiology</i> , 2013, 167, 345-356.	1.9	46
21	Molecular-based reclassification of the bovine enteroviruses. <i>Journal of General Virology</i> , 2006, 87, 375-385.	2.9	44
22	Amantadine Resistance among Porcine H1N1, H1N2, and H3N2 Influenza A Viruses Isolated in Germany between 1981 and 2001. <i>Intervirology</i> , 2006, 49, 286-293.	2.8	43
23	Evolution of four BK virus subtypes. <i>Infection, Genetics and Evolution</i> , 2008, 8, 632-643.	2.3	43
24	Hepatitis E virus seroprevalence of domestic pigs in Germany determined by a novel in-house and two reference ELISAs. <i>Journal of Virological Methods</i> , 2013, 190, 11-16.	2.1	42
25	Impact of global warming on viral diseases: what is the evidence?. <i>Current Opinion in Biotechnology</i> , 2008, 19, 652-660.	6.6	38
26	Computer-Guided Approach to Access the Anti-influenza Activity of Licorice Constituents. <i>Journal of Natural Products</i> , 2014, 77, 563-570.	3.0	38
27	Dual Acting Neuraminidase Inhibitors Open New Opportunities to Disrupt the Lethal Synergism between <i>Streptococcus pneumoniae</i> and Influenza Virus. <i>Frontiers in Microbiology</i> , 2016, 7, 357.	3.5	38
28	Occupation-Associated Fatal Limbic Encephalitis Caused by Variegated Squirrel Bornavirus 1, Germany, 2013. <i>Emerging Infectious Diseases</i> , 2018, 24, 978-987.	4.3	38
29	Swine Influenza A Vaccines, Pandemic (H1N1) 2009 Virus, and Cross-Reactivity. <i>Emerging Infectious Diseases</i> , 2010, 16, 1029-1030.	4.3	37
30	The genome of an influenza virus from a pilot whale: Relation to influenza viruses of gulls and marine mammals. <i>Infection, Genetics and Evolution</i> , 2014, 24, 183-186.	2.3	37
31	Kinetics of Nucleo- and Spike Protein-Specific Immunoglobulin G and of Virus-Neutralizing Antibodies after SARS-CoV-2 Infection. <i>Microorganisms</i> , 2020, 8, 1572.	3.6	36
32	Novel neuraminidase inhibitors: identification, biological evaluation and investigations of the binding mode. <i>Future Medicinal Chemistry</i> , 2011, 3, 437-450.	2.3	34
33	A severe pediatric infection with a novel enterovirus A71 strain, Thuringia, Germany. <i>Journal of Clinical Virology</i> , 2016, 84, 90-95.	3.1	33
34	Development of SARS-CoV-2 Specific IgG and Virus-Neutralizing Antibodies after Infection with Variants of Concern or Vaccination. <i>Vaccines</i> , 2021, 9, 700.	4.4	29
35	Performance of Hepatitis E Virus (HEV)-antibody tests: a comparative analysis based on samples from individuals with direct contact to domestic pigs or wild boar in Germany. <i>Medical Microbiology and Immunology</i> , 2017, 206, 277-286.	4.8	28
36	Drug Resistance of Clinical Varicella-Zoster Virus Strains Confirmed by Recombinant Thymidine Kinase Expression and by Targeted Resistance Mutagenesis of a Cloned Wild-Type Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2726-2734.	3.2	27

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37	High genetic diversity of porcine enterovirus G in Schleswig-Holstein, Germany. <i>Archives of Virology</i> , 2018, 163, 489-493.	2.1	26
38	Within-host influenza dynamics: A small-scale mathematical modeling approach. <i>BioSystems</i> , 2014, 118, 51-59.	2.0	25
39	Isolation and molecular characterization of a second serotype of the encephalomyocarditis virus. <i>Veterinary Microbiology</i> , 2012, 161, 49-57.	1.9	24
40	Prevalence of Hepatitis E Virus Antibodies in Children in Germany. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 258-262.	2.0	24
41	Prevalence of antibodies to swine influenza viruses in humans with occupational exposure to pigs, Thuringia, Germany, 2008-2009. <i>Journal of Medical Virology</i> , 2010, 82, 1617-1625.	5.0	23
42	Serological response to influenza A H1N1 vaccine (Pandemrix®) and seasonal influenza vaccine 2009/2010 in renal transplant recipients and in hemodialysis patients. <i>Medical Microbiology and Immunology</i> , 2012, 201, 297-302.	4.8	22
43	Prevalence of antibodies to European porcine influenza viruses in humans living in high pig density areas of Germany. <i>Medical Microbiology and Immunology</i> , 2014, 203, 13-24.	4.8	22
44	Origin of the European avian-like swine influenza viruses. <i>Journal of General Virology</i> , 2014, 95, 2372-2376.	2.9	21
45	Ongoing evolution of swine influenza viruses: a novel reassortant. <i>Archives of Virology</i> , 2008, 153, 2085-2092.	2.1	20
46	Analysis of an echovirus 18 outbreak in Thuringia, Germany: insights into the molecular epidemiology and evolution of several enterovirus species B members. <i>Medical Microbiology and Immunology</i> , 2016, 205, 471-483.	4.8	20
47	Influenza A Virus PB1-F2 Gene. <i>Emerging Infectious Diseases</i> , 2006, 12, 1607-1609.	4.3	19
48	Epstein-Barr virus-associated pneumonia and bronchiolitis obliterans syndrome in a lung transplant recipient. <i>Medical Microbiology and Immunology</i> , 2010, 199, 317-322.	4.8	13
49	Recombinant herpes simplex virus type 1 strains with targeted mutations relevant for aciclovir susceptibility. <i>Scientific Reports</i> , 2016, 6, 29903.	3.3	13
50	Displacement of the Gent/1999 human-like swine H1N2 influenza A virus lineage by novel H1N2 reassortants in Germany. <i>Archives of Virology</i> , 2020, 165, 55-67.	2.1	13
51	Cocirculation of Swine H1N1 Influenza A Virus Lineages in Germany. <i>Viruses</i> , 2020, 12, 762.	3.3	12
52	Infection Studies in Pigs and Porcine Airway Epithelial Cells Reveal an Evolution of A(H1N1)pdm09 Influenza A Viruses Toward Lower Virulence. <i>Journal of Infectious Diseases</i> , 2019, 219, 1596-1604.	4.0	11
53	Comparison of a LightCycler-based real-time PCR for quantitation of Epstein-Barr viral load in different clinical specimens with semiquantitative PCR. <i>Journal of Medical Virology</i> , 2006, 78, 598-607.	5.0	10
54	HTLV-1 associated myelopathy after renal transplantation. <i>Journal of Clinical Virology</i> , 2015, 72, 102-105.	3.1	10

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55	Novel reassortant swine H3N2 influenza A viruses in Germany. <i>Scientific Reports</i> , 2020, 10, 14296.	3.3	10
56	Fast Detection of SARS-CoV-2 RNA Directly from Respiratory Samples Using a Loop-Mediated Isothermal Amplification (LAMP) Test. <i>Viruses</i> , 2021, 13, 801.	3.3	10
57	Genetic polymorphism of thymidine kinase (TK) and DNA polymerase (pol) of clinical varicella-zoster virus (VZV) isolates collected over three decades. <i>Journal of Clinical Virology</i> , 2017, 95, 61-65.	3.1	8
58	Cardioprotective effect of NO α metoprolol in murine coxsackievirus B3 α induced myocarditis. <i>Journal of Medical Virology</i> , 2010, 82, 2043-2052.	5.0	6
59	Genome Sequence of a Novel Picorna-Like RNA Virus from Feces of the Antarctic Fur Seal (<i>Tj ETQq1</i> 1 0.784314 α BT /Overlock 10 T 5 0.8	0.8	6
60	Viruses and atypical bacteria in the respiratory tract of immunocompromised and immunocompetent patients with airway infection. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 1581-1592.	2.9	6
61	Relevance of non-synonymous thymidine kinase mutations for antiviral resistance of recombinant herpes simplex virus type 2 strains. <i>Antiviral Research</i> , 2018, 152, 53-57.	4.1	5
62	Quadruplex real-time PCR for rapid detection of human alphaherpesviruses. <i>Medical Microbiology and Immunology</i> , 2019, 208, 197-204.	4.8	5
63	Establishment of a Highly Sensitive Assay for Detection of Hepatitis E Virus-Specific Immunoglobulins. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	5
64	Delta or Omicron α BA α neutralizing antibody levels and T α cell reactivity after triple α vaccination or infection. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3130-3133.	5.7	5
65	The non-coding region of BK subtype II viruses. <i>Virus Genes</i> , 2008, 36, 27-29.	1.6	4
66	Antiviral susceptibility of recombinant Herpes simplex virus 1 strains with specific polymerase amino acid changes. <i>Antiviral Research</i> , 2021, 195, 105166.	4.1	4
67	Epidemiology of bacteria and viruses in the respiratory tract of humans and domestic pigs. <i>Apmis</i> , 2020, 128, 451-462.	2.0	2
68	Mapping of serological testing and SARS-CoV-2 seroprevalence studies performed in 20 European countries, March-June 2020. <i>Journal of Global Health</i> , 2021, 11, 05014.	2.7	1
69	Macaca arctoides gammaherpesvirus 1 (strain herpesvirus Macaca arctoides): virus sequence, phylogeny and characterisation of virus-transformed macaque and rabbit cell lines. <i>Medical Microbiology and Immunology</i> , 2019, 208, 109-129.	4.8	0
70	Similar severity of influenza primary and re-infections in pre-school children requiring outpatient treatment due to febrile acute respiratory illness: prospective, multicentre surveillance study (2013 α 2015). <i>BMC Infectious Diseases</i> , 2022, 22, 12.	2.9	0