

# Eike Steinmann

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

3,079  
citations

236925

25  
h-index

189892

50  
g-index

94  
all docs

94  
docs citations

94  
times ranked

5504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Susceptibility of SARS-CoV-2 to UV irradiation. <i>American Journal of Infection Control</i> , 2020, 48, 1273-1275.	2.3	309
2	Anti-infective Properties of the Golden Spice Curcumin. <i>Frontiers in Microbiology</i> , 2019, 10, 912.	3.5	230
3	LY6E impairs coronavirus fusion and confers immune control of viral disease. <i>Nature Microbiology</i> , 2020, 5, 1330-1339.	13.3	170
4	Virucidal Activity of World Health Organizationâ€™ Recommended Formulations Against Enveloped Viruses, Including Zika, Ebola, and Emerging Coronaviruses. <i>Journal of Infectious Diseases</i> , 2017, 215, 902-906.	4.0	151
5	Robust T Cell Response Toward Spike, Membrane, and Nucleocapsid SARS-CoV-2 Proteins Is Not Associated with Recovery in Critical COVID-19 Patients. <i>Cell Reports Medicine</i> , 2020, 1, 100092.	6.5	148
6	Virucidal Efficacy of Different Oral Rinses Against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Journal of Infectious Diseases</i> , 2020, 222, 1289-1292.	4.0	146
7	Glycyrrhizin Effectively Inhibits SARS-CoV-2 Replication by Inhibiting the Viral Main Protease. <i>Viruses</i> , 2021, 13, 609.	3.3	129
8	Temperature-dependent surface stability of SARS-CoV-2. <i>Journal of Infection</i> , 2020, 81, 452-482.	3.3	89
9	Persistence of Pathogens on Inanimate Surfaces: A Narrative Review. <i>Microorganisms</i> , 2021, 9, 343.	3.6	77
10	Rapid Quantification of SARS-CoV-2-Neutralizing Antibodies Using Propagation-Defective Vesicular Stomatitis Virus Pseudotypes. <i>Vaccines</i> , 2020, 8, 386.	4.4	75
11	Robust hepatitis E virus infection and transcriptional response in human hepatocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1731-1741.	7.1	67
12	Hepatitis E Virus Infection: Circulation, Molecular Epidemiology, and Impact on Global Health. <i>Pathogens</i> , 2020, 9, 856.	2.8	63
13	Hepatitis E: An update on One Health and clinical medicine. <i>Liver International</i> , 2021, 41, 1462-1473.	3.9	63
14	The natural compound silvestrol inhibits hepatitis E virus (HEV) replication in vitro and in vivo. <i>Antiviral Research</i> , 2018, 157, 151-158.	4.1	62
15	Cell culture systems for the study of hepatitis E virus. <i>Antiviral Research</i> , 2019, 163, 34-49.	4.1	60
16	Stem cell-derived polarized hepatocytes. <i>Nature Communications</i> , 2020, 11, 1677.	12.8	60
17	Hepatitis E virus treatment and ribavirin therapy: viral mechanisms of nonresponse. <i>Current Opinion in Virology</i> , 2018, 32, 80-87.	5.4	49
18	Virusâ€™ Host Cell Interplay during Hepatitis E Virus Infection. <i>Trends in Microbiology</i> , 2021, 29, 309-319.	7.7	42

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19	Sofosbuvir monotherapy fails to achieve HEV RNA elimination in patients with chronic hepatitis E â€œ The HepNet SofE pilot study. <i>Journal of Hepatology</i> , 2020, 73, 696-699.	3.7	39
20	SARS-CoV-2 N gene dropout and N gene Ct value shift as indicator for the presence of B.1.1.7 lineage in a commercial multiplex PCR assay. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1353.e1-1353.e5.	6.0	39
21	Hepatitis E Virus Drug Development. <i>Viruses</i> , 2019, 11, 485.	3.3	37
22	COVID-19-Induced ARDS Is Associated with Decreased Frequency of Activated Memory/Effector T Cells Expressing CD11a <sup>++</sup> . <i>Molecular Therapy</i> , 2020, 28, 2691-2702.	8.2	35
23	C19orf66 is an interferon-induced inhibitor of HCV replication that restricts formation of the viral replication organelle. <i>Journal of Hepatology</i> , 2020, 73, 549-558.	3.7	35
24	Comparable Environmental Stability and Disinfection Profiles of the Currently Circulating SARS-CoV-2 Variants of Concern B.1.1.7 and B.1.351. <i>Journal of Infectious Diseases</i> , 2021, 224, 420-424.	4.0	35
25	Active Human Complement Reduces the Zika Virus Load via Formation of the Membrane-Attack Complex. <i>Frontiers in Immunology</i> , 2018, 9, 2177.	4.8	33
26	Differential interferon-Î± subtype induced immune signatures are associated with suppression of SARS-CoV-2 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	33
27	A genome-wide CRISPR screen identifies interactors of the autophagy pathway as conserved coronavirus targets. <i>PLoS Biology</i> , 2021, 19, e3001490.	5.6	33
28	In Vitro Lung Models and Their Application to Study SARS-CoV-2 Pathogenesis and Disease. <i>Viruses</i> , 2021, 13, 792.	3.3	30
29	Evaluation of the virucidal efficacy of disinfectant wipes with a test method simulating practical conditions. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 121.	4.1	29
30	Nanoscale copper and silver thin film systems display differences in antiviral and antibacterial properties. <i>Scientific Reports</i> , 2022, 12, 7193.	3.3	29
31	Characterization of Equine Parvovirus in Thoroughbred Breeding Horses from Germany. <i>Viruses</i> , 2019, 11, 965.	3.3	24
32	Active equine parvovirusâ€ hepatitis infection is most frequently detected in Austrian horses of advanced age. <i>Equine Veterinary Journal</i> , 2022, 54, 379-389.	1.7	24
33	Disinfection of SARS-CoV-2 Contaminated Surfaces of Personal Items with UVC-LED Disinfection Boxes. <i>Viruses</i> , 2021, 13, 598.	3.3	23
34	Interferon-beta expression and type I interferon receptor signaling of hepatocytes prevent hepatic necrosis and virus dissemination in Coxsackievirus B3-infected mice. <i>PLoS Pathogens</i> , 2018, 14, e1007235.	4.7	22
35	Guideline for testing chemical disinfectants regarding their virucidal activity within the field of human medicine. <i>Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz</i> , 2020, 63, 645-655.	7.2	21
36	A realistic transfer method reveals low risk of SARS-CoV-2 transmission via contaminated euro coins and banknotes. <i>IScience</i> , 2021, 24, 102908.	4.1	21

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37	Equine Parvovirus-Hepatitis Frequently Detectable in Commercial Equine Serum Pools. <i>Viruses</i> , 2019, 11, 461.	3.3	20
38	Cytotoxic, antimicrobial and antiviral secondary metabolites produced by the plant pathogenic fungus <i>Cytospora</i> sp. CCTU A309. <i>FÄ-toterapÄ-ÄÇ</i> , 2019, 134, 314-322.	2.2	20
39	Functional and immunogenic characterization of diverse HCV glycoprotein E2 variants. <i>Journal of Hepatology</i> , 2019, 70, 593-602.	3.7	20
40	Absence of cGAS-mediated type I IFN responses in HIV-1â€“infected T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19475-19486.	7.1	20
41	Clinical Outcome and Viral Genome Variability of Hepatitis B Virusâ€“Induced Acute Liver Failure. <i>Hepatology</i> , 2019, 69, 993-1003.	7.3	19
42	Pasteurization Inactivates SARS-CoV-2â€“Spiked Breast Milk. <i>Pediatrics</i> , 2021, 147, .	2.1	18
43	Long-Lasting Imprint in the Soluble Inflammatory Milieu Despite Early Treatment of Acute Symptomatic Hepatitis C. <i>Journal of Infectious Diseases</i> , 2022, 226, 441-452.	4.0	18
44	Mouthrinses against SARS-CoV-2 â€“ High antiviral effectivity by membrane disruption in vitro translates to mild effects in a randomized placebo-controlled clinical trial. <i>Virus Research</i> , 2022, 316, 198791.	2.2	18
45	Characterization of Endogenous SERINC5 Protein as Anti-HIV-1 Factor. <i>Journal of Virology</i> , 2019, 93, .	3.4	17
46	Hepatitis E virus persists in the ejaculate of chronically infected men. <i>Journal of Hepatology</i> , 2021, 75, 55-63.	3.7	17
47	Impaired Humoral but Substantial Cellular Immune Response to Variants of Concern B.1.1.7 and B.1.351 in Hemodialysis Patients after Vaccination with BNT162b2. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2725-2727.	6.1	15
48	Beyond the Usual Suspects: Hepatitis E Virus and Its Implications in Hepatocellular Carcinoma. <i>Cancers</i> , 2021, 13, 5867.	3.7	15
49	Skeletocutins A-L: Antibacterial Agents from the Kenyan Wood-Inhabiting Basidiomycete, <i>Skeletocutis</i> sp.. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8468-8475.	5.2	14
50	The association of Equine Parvovirus-Hepatitis (EqPV-H) with cases of non-biologic-associated Theilerâ€™s disease on a farm in Ontario, Canada. <i>Veterinary Microbiology</i> , 2020, 242, 108575.	1.9	14
51	First detection and frequent occurrence of Equine Hepacivirus in horses on the African continent. <i>Veterinary Microbiology</i> , 2018, 223, 51-58.	1.9	13
52	High Environmental Stability of Hepatitis B Virus and Inactivation Requirements for Chemical Biocides. <i>Journal of Infectious Diseases</i> , 2019, 219, 1044-1048.	4.0	13
53	Filovirus Antiviral Activity of Cationic Amphiphilic Drugs Is Associated with Lipophilicity and Ability To Induce Phospholipidosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	13
54	A hepatitis B virus causes chronic infections in equids worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13

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55	Antiviral Effect of Budesonide against SARS-CoV-2. <i>Viruses</i> , 2021, 13, 1411.	3.3	13
56	Cross-order host switches of hepatitis C-related viruses illustrated by a novel hepacivirus from sloths. <i>Virus Evolution</i> , 2020, 6, veaa033.	4.9	12
57	Inhibition of azole-resistant <i>Aspergillus fumigatus</i> biofilm at various formation stages by antifungal drugs, including olorofim. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1645-1654.	3.0	12
58	Low Risk of Severe Acute Respiratory Syndrome Coronavirus 2 Transmission by Fomites: A Clinical Observational Study in Highly Infectious Coronavirus Disease 2019 Patients. <i>Journal of Infectious Diseases</i> , 2022, 226, 1608-1615.	4.0	12
59	No Evidence of Mosquito Involvement in the Transmission of Equine Hepacivirus (Flaviviridae) in an Epidemiological Survey of Austrian Horses. <i>Viruses</i> , 2019, 11, 1014.	3.3	11
60	Hepatitis E virus is highly resistant to alcohol-based disinfectants. <i>Journal of Hepatology</i> , 2022, 76, 1062-1069.	3.7	11
61	SARS-CoV-2 Detection Rates from Surface Samples Do Not Implicate Public Surfaces as Relevant Sources for Transmission. <i>Hygiene</i> , 2021, 1, 24-40.	1.7	10
62	Intra-host analysis of hepaciviral glycoprotein evolution reveals signatures associated with viral persistence and clearance. <i>Virus Evolution</i> , 2022, 8, veac007.	4.9	10
63	SEC14L2, a lipid-binding protein, regulates HCV replication in culture with inter- and intra-genotype variations. <i>Journal of Hepatology</i> , 2019, 70, 603-614.	3.7	9
64	Clinical Course of Infection and Cross-Species Detection of Equine Parvovirus-Hepatitis. <i>Viruses</i> , 2021, 13, 1454.	3.3	8
65	Superior cellular and humoral immunity toward SARS-CoV-2 reference and alpha and beta VOC strains in COVID-19 convalescent as compared to the prime boost BNT162b2-vaccinated dialysis patients. <i>Kidney International</i> , 2021, 100, 698-700.	5.2	8
66	Imprint of unconventional T cell response in acute hepatitis C persists despite successful early antiviral treatment. <i>European Journal of Immunology</i> , 2022, 52, 472-483.	2.9	8
67	Detection of SARS-CoV-2-specific memory B cells to delineate long-term COVID-19 immunity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2595-2599.	5.7	7
68	Detection of pre-existing SARS-CoV-2-reactive T cells in unexposed renal transplant patients. <i>Journal of Nephrology</i> , 2021, 34, 1025-1037.	2.0	6
69	Viral Interference of Hepatitis C and E Virus Replication in Novel Experimental Co-Infection Systems. <i>Cells</i> , 2022, 11, 927.	4.1	6
70	Chronic Hepatitis E Virus Infection during Lymphoplasmacytic Lymphoma and Ibrutinib Treatment. <i>Pathogens</i> , 2019, 8, 129.	2.8	5
71	High tolerance of hepatitis B virus to thermal disinfection. <i>Journal of Hepatology</i> , 2019, 71, 1249-1251.	3.7	5
72	Identification of Keratin 23 as a Hepatitis C Virus-Induced Host Factor in the Human Liver. <i>Cells</i> , 2019, 8, 610.	4.1	5

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73	Hepatitis E virus is effectively inactivated in platelet concentrates by ultraviolet C light. <i>Vox Sanguinis</i> , 2020, 115, 555-561.	1.5	5
74	Virucidal gargling and virucidal nasal spray. <i>GMS Hygiene and Infection Control</i> , 2021, 16, Doc02.	0.3	5
75	Significant compartment-specific impact of different RNA extraction methods and PCR assays on the sensitivity of hepatitis E virus detection. <i>Liver International</i> , 2021, 41, 1815-1823.	3.9	4
76	A Cell Culture Model for Producing High Titer Hepatitis E Virus Stocks. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	4
77	Induction of Hepatitis E Virus Anti-ORF3 Antibodies from Systemic Administration of a Muscle-Specific Adeno-Associated Virus (AAV) Vector. <i>Viruses</i> , 2022, 14, 266.	3.3	4
78	Risk assessment of banknotes as a fomite of SARS-CoV-2 in cash payment transactions. <i>Risk Analysis</i> , 2022, , .	2.7	4
79	The Heat Stability of Hepatitis B Virus: A Chronological Review From Human Volunteers and Chimpanzees to Cell Culture Model Systems. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 32.	3.9	2
80	Virucidal efficacy of glutaraldehyde for instrument disinfection. <i>GMS Hygiene and Infection Control</i> , 2020, 15, Doc34.	0.3	2
81	Infectivity and stability of hepatitis C virus in different perfusion solutions. <i>Transplant Infectious Disease</i> , 2019, 21, e13135.	1.7	1
82	Evaluation of the substitution of poliomyelitis virus for testing virucidal activities of instrument and surface disinfection. <i>Journal of Hospital Infection</i> , 2022, 122, 60-63.	2.9	1
83	Experimental cross-species infection of donkeys with equine hepacivirus and analysis of host immune signatures. <i>One Health Outlook</i> , 2022, 4, 9.	3.4	1
84	Students in Dormitories Were Not Major Drivers of the Pandemic during Winter Term 2020/2021: A Cohort Study with RT-PCR and Antibody Surveillance in a German University City. <i>Covid</i> , 2021, 1, 345-356.	1.5	0
85	Reply to Lamarca et al. <i>Journal of Infectious Diseases</i> , 2021, 223, 1114-1115.	4.0	0
86	Imprint of unconventional T cell response in acute hepatitis C persists despite successful early antiviral treatment. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, .	0.5	0
87	Risk Stratification of SARS-CoV-2 Breakthrough Infections Based on an Outbreak at a Student Festive Event. <i>Vaccines</i> , 2022, 10, 432.	4.4	0
88	A touch transfer assay to determine surface transmission of highly pathogenic viruses. <i>STAR Protocols</i> , 2022, 3, 101188.	1.2	0