

Daniel Todt

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

6,252
citations

147801

31
h-index

76900

74
g-index

133
all docs

133
docs citations

133
times ranked

10059
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistence of coronaviruses on inanimate surfaces and their inactivation with biocidal agents. <i>Journal of Hospital Infection</i> , 2020, 104, 246-251.	2.9	2,758
2	Inactivation of Severe Acute Respiratory Syndrome Coronavirus 2 by WHO-Recommended Hand Rub Formulations and Alcohols. <i>Emerging Infectious Diseases</i> , 2020, 26, 1592-1595.	4.3	299
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 Organization's 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	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
6	In vivo evidence for ribavirin-induced mutagenesis of the hepatitis E virus genome. <i>Gut</i> , 2016, 65, 1733-1743.	12.1	145
7	Glycyrrhizin Effectively Inhibits SARS-CoV-2 Replication by Inhibiting the Viral Main Protease. <i>Viruses</i> , 2021, 13, 609.	3.3	129
8	Extrahepatic replication and infection of hepatitis E virus in neuronal-derived cells. <i>Journal of Viral Hepatitis</i> , 2016, 23, 512-521.	2.0	104
9	Temperature-dependent surface stability of SARS-CoV-2. <i>Journal of Infection</i> , 2020, 81, 452-482.	3.3	89
10	Interferon-inducible cholesterol 25-hydroxylase restricts hepatitis C virus replication through blockage of membranous web formation. <i>Hepatology</i> , 2015, 62, 702-714.	7.3	78
11	Persistence of Pathogens on Inanimate Surfaces: A Narrative Review. <i>Microorganisms</i> , 2021, 9, 343.	3.6	77
12	Antiviral Activities of Different Interferon Types and Subtypes against Hepatitis E Virus Replication. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2132-2139.	3.2	75
13	Rapid Quantification of SARS-CoV-2-Neutralizing Antibodies Using Propagation-Defective Vesicular Stomatitis Virus Pseudotypes. <i>Vaccines</i> , 2020, 8, 386.	4.4	75
14	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
15	Hepatitis E Virus Infection: Circulation, Molecular Epidemiology, and Impact on Global Health. <i>Pathogens</i> , 2020, 9, 856.	2.8	63
16	Hepatitis E: An update on One Health and clinical medicine. <i>Liver International</i> , 2021, 41, 1462-1473.	3.9	63
17	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
18	Cell culture systems for the study of hepatitis E virus. <i>Antiviral Research</i> , 2019, 163, 34-49.	4.1	60

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19	Hepatitis E Virus (HEV) ORF2 Antigen Levels Differentiate Between Acute and Chronic HEV Infection. <i>Journal of Infectious Diseases</i> , 2016, 214, 361-368.	4.0	52
20	Development and virucidal activity of a novel alcohol-based hand disinfectant supplemented with urea and citric acid. <i>BMC Infectious Diseases</i> , 2016, 16, 77.	2.9	50
21	Hepatitis E virus treatment and ribavirin therapy: viral mechanisms of nonresponse. <i>Current Opinion in Virology</i> , 2018, 32, 80-87.	5.4	49
22	Mechanisms of Methods for Hepatitis C Virus Inactivation. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1616-1621.	3.1	46
23	Differential Infection Patterns and Recent Evolutionary Origins of Equine Hepaciviruses in Donkeys. <i>Journal of Virology</i> , 2017, 91, .	3.4	45
24	Mutagenic Effects of Ribavirin on Hepatitis E Virus – Viral Extinction versus Selection of Fitness-Enhancing Mutations. <i>Viruses</i> , 2016, 8, 283.	3.3	43
25	Immune protection against reinfection with nonprimate hepacivirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2430-E2439.	7.1	42
26	Virus – Host Cell Interplay during Hepatitis E Virus Infection. <i>Trends in Microbiology</i> , 2021, 29, 309-319.	7.7	42
27	Hepatitis E virus replication and interferon responses in human placental cells. <i>Hepatology Communications</i> , 2018, 2, 173-187.	4.3	40
28	Sofosbuvir monotherapy fails to achieve HEV RNA elimination in patients with chronic hepatitis E – The HepNet SofE pilot study. <i>Journal of Hepatology</i> , 2020, 73, 696-699.	3.7	39
29	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
30	Hepatitis E Virus Drug Development. <i>Viruses</i> , 2019, 11, 485.	3.3	37
31	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
32	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
33	Differential interferon- λ 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
34	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
35	Comparison of the in-vitro efficacy of different mouthwash solutions targeting SARS-CoV-2 based on the European Standard EN 14476. <i>Journal of Hospital Infection</i> , 2021, 111, 180-183.	2.9	31
36	Several Human Liver Cell Expressed Apolipoproteins Complement HCV Virus Production with Varying Efficacy Conferring Differential Specific Infectivity to Released Viruses. <i>PLoS ONE</i> , 2015, 10, e0134529.	2.5	30

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37	Emergence of linezolid- and vancomycin-resistant <i>Enterococcus faecium</i> in a department for hematologic stem cell transplantation. <i>Antimicrobial Resistance and Infection Control</i> , 2016, 5, 31.	4.1	29
38	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
39	Hepacivirus NS3/4A Proteases Interfere with MAVS Signaling in both Their Cognate Animal Hosts and Humans: Implications for Zoonotic Transmission. <i>Journal of Virology</i> , 2016, 90, 10670-10681.	3.4	27
40	Defining virus-specific CD8+ TCR repertoires for therapeutic regeneration of T cells against chronic hepatitis E. <i>Journal of Hepatology</i> , 2019, 71, 673-684.	3.7	25
41	Vertical transmission of hepatitis C virus-like non-primate hepacivirus in horses. <i>Journal of General Virology</i> , 2016, 97, 2540-2551.	2.9	25
42	Characterization of Equine Parvovirus in Thoroughbred Breeding Horses from Germany. <i>Viruses</i> , 2019, 11, 965.	3.3	24
43	Liver-expressed <i>Cd302</i> and <i>Cr11</i> limit hepatitis C virus cross-species transmission to mice. <i>Science Advances</i> , 2020, 6, .	10.3	23
44	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
45	Hepatitis C Virus Strain-Dependent Usage of Apolipoprotein E Modulates Assembly Efficiency and Specific Infectivity of Secreted Virions. <i>Journal of Virology</i> , 2017, 91, .	3.4	21
46	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
47	Acute and chronic infections with nonprimate hepacivirus in young horses. <i>Veterinary Research</i> , 2016, 47, 97.	3.0	20
48	Equine Parvovirus-Hepatitis Frequently Detectable in Commercial Equine Serum Pools. <i>Viruses</i> , 2019, 11, 461.	3.3	20
49	Functional and immunogenic characterization of diverse HCV glycoprotein E2 variants. <i>Journal of Hepatology</i> , 2019, 70, 593-602.	3.7	20
50	Absence of cGAS-mediated type I IFN responses in HIV-1-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
51	Clinical Outcome and Viral Genome Variability of Hepatitis B Virus-Induced Acute Liver Failure. <i>Hepatology</i> , 2019, 69, 993-1003.	7.3	19
52	Assessment of cross-species transmission of hepatitis C virus-related non-primate hepacivirus in a population of humans at high risk of exposure. <i>Journal of General Virology</i> , 2015, 96, 2636-2642.	2.9	19
53	Chronic equine hepacivirus infection in an adult gelding with severe hepatopathy. <i>Veterinary Medicine and Science</i> , 2019, 5, 372-378.	1.6	18
54	Pasteurization Inactivates SARS-CoV-2-Spiked Breast Milk. <i>Pediatrics</i> , 2021, 147, .	2.1	18

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55	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
56	Mouthrinses against SARS-CoV-2 “ 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
57	Virucidal efficacy of peracetic acid for instrument disinfection. <i>Antimicrobial Resistance and Infection Control</i> , 2017, 6, 114.	4.1	17
58	Characterization of Endogenous SERINC5 Protein as Anti-HIV-1 Factor. <i>Journal of Virology</i> , 2019, 93, .	3.4	17
59	Hepatitis E virus persists in the ejaculate of chronically infected men. <i>Journal of Hepatology</i> , 2021, 75, 55-63.	3.7	17
60	A central hydrophobic E1 region controls the pH range of hepatitis C virus membrane fusion and susceptibility to fusion inhibitors. <i>Journal of Hepatology</i> , 2019, 70, 1082-1092.	3.7	15
61	Hepatitis C reference viruses highlight potent antibody responses and diverse viral functional interactions with neutralising antibodies. <i>Cut</i> , 2021, 70, 1734-1745.	12.1	15
62	Beyond the Usual Suspects: Hepatitis E Virus and Its Implications in Hepatocellular Carcinoma. <i>Cancers</i> , 2021, 13, 5867.	3.7	15
63	Inactivation of HCV and HIV by microwave: a novel approach for prevention of virus transmission among people who inject drugs. <i>Scientific Reports</i> , 2016, 6, 36619.	3.3	14
64	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
65	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
66	Initial Hepatitis C Virus Infection of Adult Hepatocytes Triggers a Temporally Structured Transcriptional Program Containing Diverse Pro- and Antiviral Elements. <i>Journal of Virology</i> , 2021, 95, .	3.4	13
67	Virucidal efficacy of different formulations for hand and surface disinfection targeting SARS CoV-2. <i>Journal of Hospital Infection</i> , 2021, 112, 27-30.	2.9	13
68	Antiviral Effect of Budesonide against SARS-CoV-2. <i>Viruses</i> , 2021, 13, 1411.	3.3	13
69	Virucidal activity of nasal sprays against severe acute respiratory syndrome coronavirus-2. <i>Journal of Hospital Infection</i> , 2022, 120, 9-13.	2.9	12
70	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
71	Hepatitis E virus is highly resistant to alcohol-based disinfectants. <i>Journal of Hepatology</i> , 2022, 76, 1062-1069.	3.7	11
72	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

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73	Exacerbation of hepatitis E virus infection during anti-TNF α treatment. <i>Joint Bone Spine</i> , 2017, 84, 217-219.	1.6	9
74	The Small-Compound Inhibitor K22 Displays Broad Antiviral Activity against Different Members of the Family Flaviviridae and Offers Potential as a Panviral Inhibitor. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	9
75	<i>Exophiala dermatitidis</i> isolates from various sources: using alternative invertebrate host organisms (<i>Caenorhabditis elegans</i> and <i>Galleria mellonella</i>) to determine virulence. <i>Scientific Reports</i> , 2018, 8, 12747.	3.3	9
76	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
77	Clinical Course of Infection and Cross-Species Detection of Equine Parvovirus-Hepatitis. <i>Viruses</i> , 2021, 13, 1454.	3.3	8
78	Imprint of unconventional T α 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
79	Apolipoprotein E polymorphisms and their protective effect on hepatitis E virus replication. <i>Hepatology</i> , 2016, 64, 2274-2276.	7.3	7
80	Environmental Stability and Infectivity of Hepatitis C Virus (HCV) in Different Human Body Fluids. <i>Frontiers in Microbiology</i> , 2018, 9, 504.	3.5	7
81	The C-Mannosylome of Human Induced Pluripotent Stem Cells Implies a Role for ADAMTS16 C-Mannosylation in Eye Development. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100092.	3.8	7
82	Viral Interference of Hepatitis C and E Virus Replication in Novel Experimental Co-Infection Systems. <i>Cells</i> , 2022, 11, 927.	4.1	6
83	Tracking HCV protease population diversity during transmission and susceptibility of founder populations to antiviral therapy. <i>Antiviral Research</i> , 2017, 139, 129-137.	4.1	5
84	In-vitro activity of active ingredients of disinfectants against drug-resistant fungi. <i>Journal of Hospital Infection</i> , 2019, 103, 468-473.	2.9	5
85	Chronic Hepatitis E Virus Infection during Lymphoplasmacytic Lymphoma and Ibrutinib Treatment. <i>Pathogens</i> , 2019, 8, 129.	2.8	5
86	High tolerance of hepatitis B virus to thermal disinfection. <i>Journal of Hepatology</i> , 2019, 71, 1249-1251.	3.7	5
87	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
88	Hepatitis E virus is effectively inactivated in platelet concentrates by ultraviolet C light. <i>Vox Sanguinis</i> , 2020, 115, 555-561.	1.5	5
89	Virucidal efficacy of an ozone-generating system for automated room disinfection. <i>Journal of Hospital Infection</i> , 2021, 116, 16-20.	2.9	5
90	Catch Me (If You Can): Assessing the Risk of SARS-CoV-2 Transmission Via Euro Cash. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5

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91	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
92	A Cell Culture Model for Producing High Titer Hepatitis E Virus Stocks. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	4
93	Risk assessment of banknotes as a fomite of SARS-CoV-2 in cash payment transactions. <i>Risk Analysis</i> , 2022, , .	2.7	4
94	Identification of structurally re-engineered rocaglates as inhibitors against hepatitis E virus replication. <i>Antiviral Research</i> , 2022, 204, 105359.	4.1	4
95	The impact of hepatitis B surface antigen on natural killer cells in patients with chronic hepatitis B virus infection. <i>Liver International</i> , 2021, 41, 2046-2058.	3.9	3
96	Susceptibility of Chikungunya Virus to Inactivation by Heat and Commercially and World Health Organization-Recommended Biocides. <i>Journal of Infectious Diseases</i> , 2018, 218, 1507-1510.	4.0	2
97	Virucidal efficacy of glutaraldehyde for instrument disinfection. <i>GMS Hygiene and Infection Control</i> , 2020, 15, Doc34.	0.3	2
98	Successful retreatment of a patient with chronic hepatitis C genotype 2k/1b virus with ombitasvir/paritaprevir/ritonavir plus dasabuvir. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw572.	3.0	1
99	Influence of Tattoo Ink on Hepatitis C Virus Infectiousness. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz047.	0.9	1
100	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
101	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
102	Exacerbation dâ€™infection par le virus de lâ€™hÃ©patite E au cours dâ€™un traitement par anti-TNFÎ±. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2017, 84, 244-247.	0.0	0
103	Hepatitis E virus replication and interferonresponse in human placental-derived cells. <i>Journal of Hepatology</i> , 2018, 68, S786.	3.7	0
104	Mutations in HCV NS3 but no Sec14L2 variants alter HCV RNA replication of natural occurring viruses in cell culture. <i>Journal of Hepatology</i> , 2018, 68, S763-S764.	3.7	0
105	SAT-204-Hepatitis E virus antigen in urine as a useful diagnostic Background and aims: for monitoring infection and detection of recent infection. <i>Journal of Hepatology</i> , 2019, 70, e719.	3.7	0
106	FRI-133-HCV neutralizing antibody responses in natural infections mapped by metric multi-dimensional scaling reveals new insights into HCV antigenicity and broadly neutralizing antibodies. <i>Journal of Hepatology</i> , 2019, 70, e446.	3.7	0
107	Significant compartment-specific impact of the RNA extraction and quantification method on the sensitivity of hepatitis E virus detection: implications for clinical care?. <i>Journal of Hepatology</i> , 2020, 73, S852.	3.7	0
108	Clinical and molecular characterization of the human kidney as extrahepatic site of hepatitis E virus infection. <i>Journal of Hepatology</i> , 2020, 73, S833-S834.	3.7	0

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109	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
110	Incidence Rate of SARS-CoV-2 Infection Among Students Living in Dormitories - A Prospective Cohort Study With RT-PCR and SARS-CoV-2 Antibody Surveillance in a German University City. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
111	Reply to Lamarca et al. <i>Journal of Infectious Diseases</i> , 2021, 223, 1114-1115.	4.0	0
112	Holder Pasteurization Inactivates SARS-CoV-2 in Human Breast Milk. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
113	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
114	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
115	A touch transfer assay to determine surface transmission of highly pathogenic viruses. <i>STAR Protocols</i> , 2022, 3, 101188.	1.2	0
116	An Equine Model for Vaccination against a Hepacivirus: Insights into Host Responses to E2 Recombinant Protein Vaccination and Subsequent Equine Hepacivirus Inoculation. <i>Viruses</i> , 2022, 14, 1401.	3.3	0