

Troels K Scheel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

2,495
citations

21
h-index

36
g-index

36
ext. papers

2,962
ext. citations

12.4
avg, IF

5.01
L-index

#	Paper	IF	Citations
33	Versatile SARS-CoV-2 Reverse-Genetics Systems for the Study of Antiviral Resistance and Replication.. <i>Viruses</i> , 2022 , 14,	6.2	3
32	Argonaute-CLIP delineates versatile, functional RNAi networks in <i>Aedes aegypti</i> , a major vector of human viruses. <i>Cell Host and Microbe</i> , 2021 , 29, 834-848.e13	23.4	1
31	SARS-CoV-2 Production in a Scalable High Cell Density Bioreactor. <i>Vaccines</i> , 2021 , 9,	5.3	3
30	Pathogenesis, MicroRNA-122 Gene-Regulation, and Protective Immune Responses After Acute Equine Hepacivirus Infection. <i>Hepatology</i> , 2021 , 74, 1148-1163	11.2	2
29	Hepatitis C Virus Protease Inhibitors Show Differential Efficacy and Interactions with Remdesivir for Treatment of SARS-CoV-2. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0268020	5.9	13
28	Evolutionary selection of pestivirus variants with altered or no microRNA dependency. <i>Nucleic Acids Research</i> , 2020 , 48, 5555-5571	20.1	3
27	Equine pegiviruses cause persistent infection of bone marrow and are not associated with hepatitis. <i>PLoS Pathogens</i> , 2020 , 16, e1008677	7.6	6
26	Replicons of a Rodent Hepatitis C Model Virus Permit Selection of Highly Permissive Cells. <i>Journal of Virology</i> , 2019 , 93,	6.6	6
25	Functional Interplay between RNA Viruses and Non-Coding RNA in Mammals. <i>Non-coding RNA</i> , 2019 , 5,	7.1	21
24	Efficacy of NS5A Inhibitors Against Hepatitis C Virus Genotypes 1-7 and Escape Variants. <i>Gastroenterology</i> , 2018 , 154, 1435-1448	13.3	61
23	Viral persistence, liver disease, and host response in a hepatitis C-like virus rat model. <i>Hepatology</i> , 2018 , 68, 435-448	11.2	38
22	New Parvovirus Associated with Serum Hepatitis in Horses after Inoculation of Common Biological Product. <i>Emerging Infectious Diseases</i> , 2018 , 24, 303-310	10.2	47
21	Global mapping of miRNA-target interactions in cattle (<i>Bos taurus</i>). <i>Scientific Reports</i> , 2017 , 7, 8190	4.9	15
20	Mouse models of acute and chronic hepacivirus infection. <i>Science</i> , 2017 , 357, 204-208	33.3	74
19	miRNA independent hepacivirus variants suggest a strong evolutionary pressure to maintain miR-122 dependence. <i>PLoS Pathogens</i> , 2017 , 13, e1006694	7.6	18
18	A Broad RNA Virus Survey Reveals Both miRNA Dependence and Functional Sequestration. <i>Cell Host and Microbe</i> , 2016 , 19, 409-23	23.4	82
17	Hepatitis C virus RNA functionally sequesters miR-122. <i>Cell</i> , 2015 , 160, 1099-110	56.2	246

16	miRNA-target chimeras reveal miRNA 3' end pairing as a major determinant of Argonaute target specificity. <i>Nature Communications</i> , 2015 , 6, 8864	17.4	179
15	Surveying the global virome: identification and characterization of HCV-related animal hepaciviruses. <i>Antiviral Research</i> , 2015 , 115, 83-93	10.8	61
14	Characterization of nonprimate hepacivirus and construction of a functional molecular clone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2192-7	11.5	72
13	Analysis of hepatitis C virus core/NS5A protein co-localization using novel cell culture systems expressing core-NS2 and NS5A of genotypes 1-7. <i>Journal of General Virology</i> , 2013 , 94, 2221-2235	4.9	16
12	Understanding the hepatitis C virus life cycle paves the way for highly effective therapies. <i>Nature Medicine</i> , 2013 , 19, 837-49	50.5	425
11	Identification of rodent homologs of hepatitis C virus and pegiviruses. <i>MBio</i> , 2013 , 4, e00216-13	7.8	146
10	Productive homologous and non-homologous recombination of hepatitis C virus in cell culture. <i>PLoS Pathogens</i> , 2013 , 9, e1003228	7.6	36
9	Identification of a pegivirus (GB virus-like virus) that infects horses. <i>Journal of Virology</i> , 2013 , 87, 7185-90	6.6	73
8	Analysis of functional differences between hepatitis C virus NS5A of genotypes 1-7 in infectious cell culture systems. <i>PLoS Pathogens</i> , 2012 , 8, e1002696	7.6	32
7	Efficient replication of genotype 3a and 4a hepatitis C virus replicons in human hepatoma cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 5365-73	5.9	104
6	MicroRNA-122 antagonism against hepatitis C virus genotypes 1-6 and reduced efficacy by host RNA insertion or mutations in the HCV 5aUTR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4991-6	11.5	154
5	Efficient culture adaptation of hepatitis C virus recombinants with genotype-specific core-NS2 by using previously identified mutations. <i>Journal of Virology</i> , 2011 , 85, 2891-906	6.6	61
4	Development and application of hepatitis C reporter viruses with genotype 1 to 7 core-nonstructural protein 2 (NS2) expressing fluorescent proteins or luciferase in modified JFH1 NS5A. <i>Journal of Virology</i> , 2011 , 85, 8913-28	6.6	73
3	Novel infectious cDNA clones of hepatitis C virus genotype 3a (strain S52) and 4a (strain ED43): genetic analyses and in vivo pathogenesis studies. <i>Journal of Virology</i> , 2010 , 84, 5277-93	6.6	109
2	Development of JFH1-based cell culture systems for hepatitis C virus genotype 4a and evidence for cross-genotype neutralization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 997-1002	11.5	156
1	Robust hepatitis C genotype 3a cell culture releasing adapted intergenotypic 3a/2a (S52/JFH1) viruses. <i>Gastroenterology</i> , 2007 , 133, 1614-26	13.3	159