

Gustaf E Rydell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1481982/publications.pdf>

Version: 2024-02-01

25
papers

814
citations

567281

15
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1282
citing authors

#	ARTICLE	IF	CITATIONS
1	A lipid zipper triggers bacterial invasion. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12895-12900.	7.1	127
2	The G428A Nonsense Mutation in FUT2 Provides Strong but Not Absolute Protection against Symptomatic GII.4 Norovirus Infection. PLoS ONE, 2009, 4, e5593.	2.5	125
3	Human noroviruses recognize sialyl Lewis x neoglycoprotein. Glycobiology, 2009, 19, 309-320.	2.5	93
4	Hepatitis B surface antigen on subviral particles reduces the neutralizing effect of anti-HBs antibodies on hepatitis B viral particles in vitro. Virology, 2017, 509, 67-70.	2.4	54
5	QCM-D studies of human norovirus VLPs binding to glycosphingolipids in supported lipid bilayers reveal strain-specific characteristics. Glycobiology, 2009, 19, 1176-1184.	2.5	53
6	Susceptibility to winter vomiting disease: a sweet matter. Reviews in Medical Virology, 2011, 21, 370-382.	8.3	52
7	High serum levels of pregenomic RNA reflect frequently failing reverse transcription in hepatitis B virus particles. Virology Journal, 2018, 15, 86.	3.4	36
8	Impact of ADAR-induced editing of minor viral RNA populations on replication and transmission of SARS-CoV-2. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	34
9	Norovirus GII.4 Virus-like Particles Recognize Galactosylceramides in Domains of Planar Supported Lipid Bilayers. Angewandte Chemie - International Edition, 2012, 51, 12020-12024.	13.8	31
10	Norwalk virus-like particles bind specifically to A, H and difucosylated Lewis but not to B histo-blood group active glycosphingolipids. Glycoconjugate Journal, 2009, 26, 1171-1180.	2.7	27
11	Impact of integrated viral DNA on the goal to clear hepatitis B surface antigen with different therapeutic strategies. Current Opinion in Virology, 2018, 30, 24-31.	5.4	21
12	Parvovirus B19 VLP recognizes globoside in supported lipid bilayers. Virology, 2014, 456-457, 364-369.	2.4	19
13	Detachment of Membrane Bound Virions by Competitive Ligand Binding Induced Receptor Depletion. Langmuir, 2017, 33, 4049-4056.	3.5	18
14	Competition for Membrane Receptors: Norovirus Detachment via Lectin Attachment. Journal of the American Chemical Society, 2019, 141, 16303-16311.	13.7	18
15	Deep sequencing of liver explant transcriptomes reveals extensive expression from integrated hepatitis B virus DNA. Journal of Viral Hepatitis, 2020, 27, 1162-1170.	2.0	18
16	Rab12 Localizes to Shiga Toxin-induced Plasma Membrane Invaginations and Controls Toxin Transport. Traffic, 2014, 15, 772-787.	2.7	15
17	Computational studies on the interaction of ABO-active saccharides with the norovirus VA387 capsid protein can explain experimental binding data. Journal of Computer-Aided Molecular Design, 2010, 24, 423-431.	2.9	14
18	Hepatitis B Virus RNA Profiles in Liver Biopsies by Digital Polymerase Chain Reaction. Hepatology Communications, 2020, 4, 973-982.	4.3	13

#	ARTICLE	IF	CITATIONS
19	Membrane Deformation Induces Clustering of Norovirus Bound to Glycosphingolipids in a Supported Cell-Membrane Mimic. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2278-2284.	4.6	12
20	Abundance of Noncircular Intrahepatic Hepatitis B Virus DNA May Reflect Frequent Integration Into Human DNA in Chronically Infected Patients. <i>Journal of Infectious Diseases</i> , 2022, 225, 1982-1990.	4.0	11
21	Physicochemical tools for studying virus interactions with targeted cell membranes in a molecular and spatiotemporally resolved context. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7157-7178.	3.7	11
22	Imaging of Hepatitis B Virus Nucleic Acids: Current Advances and Challenges. <i>Viruses</i> , 2022, 14, 557.	3.3	6
23	Quantification of viral RNA in multiple pieces of explant liver tissue shows distinct focal differences of hepatitis B infection. <i>Journal of Infectious Diseases</i> , 2021, , .	4.0	5
24	Analysis of Multiple Liver Explant Pieces Reveals that Levels of Hepatitis Delta Virus RNA Are Independent of Hepatitis B Virus Expression. <i>Hepatology Communications</i> , 2021, 5, 1964-1966.	4.3	1
25	Letter to the editor: Aluâ€PCR design may have compromised detection of integrated core HBV DNA. <i>Hepatology</i> , 2022, 76, E23-E23.	7.3	0