Gerardo G Kaplan

List of Publications by Year
in descending order

43 papers	2,639 citations	257429 24 h-index	276858 41 g-index
44 all docs	44 docs citations	44 times ranked	3033 citing authors

#	Article	IF	Citations
1	TIM-1 and TIM-4 Glycoproteins Bind Phosphatidylserine and Mediate Uptake of Apoptotic Cells. Immunity, 2007, 27, 927-940.	14.3	536
2	T Cell/Transmembrane, Ig, and Mucin-3 Allelic Variants Differentially Recognize Phosphatidylserine and Mediate Phagocytosis of Apoptotic Cells. Journal of Immunology, 2010, 184, 1918-1930.	0.8	262
3	The Human Homolog of HAVcr-1 Codes for a Hepatitis A Virus Cellular Receptor. Journal of Virology, 1998, 72, 6621-6628.	3.4	218
4	Structures of T Cell Immunoglobulin Mucin Protein 4 Show a Metal-Ion-Dependent Ligand Binding Site where Phosphatidylserine Binds. Immunity, 2007, 27, 941-951.	14.3	206
5	Structures of T Cell Immunoglobulin Mucin Receptors 1 and 2 Reveal Mechanisms for Regulation of Immune Responses by the TIM Receptor Family. Immunity, 2007, 26, 299-310.	14.3	147
6	Glycosylation, Hypogammaglobulinemia, and Resistance to Viral Infections. New England Journal of Medicine, 2014, 370, 1615-1625.	27.0	117
7	Characterization of Poliovirus Conformational Alteration Mediated by Soluble Cell Receptors. Virology, 1993, 197, 501-505.	2.4	94
8	Ultrasensitive Ebola Virus Antigen Sensing via 3D Nanoantenna Arrays. Advanced Materials, 2019, 31, e1902331.	21.0	71
9	Ebola virus glycoprotein Fc fusion protein confers protection against lethal challenge in vaccinated mice. Vaccine, 2011, 29, 2968-2977.	3.8	69
10	A polymorphism in TIM1 is associated with susceptibility to severe hepatitis A virus infection in humans. Journal of Clinical Investigation, 2011, 121, 1111-1118.	8.2	68
11	Apoptotic Cells Activate NKT Cells through T Cell Ig-Like Mucin-Likeâ€“1 Resulting in Airway Hyperreactivity. Journal of Immunology, 2010, 185, 5225-5235.	0.8	67
12	Alteration of Hepatitis A Virus (HAV) Particles by a Soluble Form of HAV Cellular Receptor 1 Containing the Immunoglobulin- and Mucin-Like Regions. Journal of Virology, 2003, 77, 8765-8774.	3.4	63
13	Stable Growth of Wild-Type Hepatitis A Virus in Cell Culture. Journal of Virology, 2006, 80, 1352-1360.	3.4	59
14	Immunoglobulin A (IgA) Is a Natural Ligand of Hepatitis A Virus Cellular Receptor 1 (HAVCR1), and the Association of IgA with HAVCR1 Enhances Virus-Receptor Interactions. Journal of Virology, 2007, 81, 3437-3446.	3.4	52
15	A Multiplex Polymerase Chain Reaction Microarray Assay to Detect Bioterror Pathogens in Blood. Journal of Molecular Diagnostics, 2005, 7, 486-494.	2.8	50
16	Neutralization of Hepatitis A Virus (HAV) by an Immunoadhesin Containing the Cysteine-Rich Region of HAV Cellular Receptor-1. Journal of Virology, 2001, 75, 717-725.	3.4	47
17	Binding of Hepatitis A Virus to Its Cellular Receptor 1 Inhibits T-Regulatory Cell Functions in Humans. Gastroenterology, 2012, 142, 1516-1525.e3.	1.3	47
18	Exosome mimicry by a HAVCR1â€“NPC1 pathway of endosomal fusion mediates hepatitis A virus infection. Nature Microbiology, 2020, 5, 1096-1106.	13.3	39

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19	The Cys-Rich Region of Hepatitis A Virus Cellular Receptor 1 Is Required for Binding of Hepatitis A Virus and Protective Monoclonal Antibody 190/4. Journal of Virology, 1998, 72, 3751-3761.	3.4	38
20	Hepatitis A virus receptor blocks cell differentiation and is overexpressed in clear cell renal cell carcinoma. Kidney International, 2004, 65, 1761-1773.	5.2	32
21	Induction and Activation of Latent Transforming Growth Factor-Î²1 Are Carried out by Two Distinct Domains of Pregnancy-specific Glycoprotein 1 (PSG1). Journal of Biological Chemistry, 2015, 290, 4422-4431.	3.4	32
22	Polymorphisms of the Hepatitis A Virus Cellular Receptor 1 in African Green Monkey Kidney Cells Result in Antigenic Variants That Do Not React with Protective Monoclonal Antibody 190/4. Journal of Virology, 1998, 72, 6218-6222.	3.4	30
23	Microarray multiplex assay for the simultaneous detection and discrimination of hepatitis B, hepatitis C, and human immunodeficiency type-1 viruses in human blood samples. Biochemical and Biophysical Research Communications, 2007, 356, 1017-1023.	2.1	26
24	Increased susceptibility of Huh7 cells to HCV replication does not require mutations in RIG-I. Virology Journal, 2010, 7, 44.	3.4	26
25	Ebolavirus Glycoprotein Fc Fusion Protein Protects Guinea Pigs against Lethal Challenge. PLoS ONE, 2016, 11, e0162446.	2.5	26
26	Evaluation of Potencies of Immune Globulin Products Against Hepatitis A. JAMA Internal Medicine, 2017, 177, 430.	5.1	25
27	Growth of Hepatitis A Virus in a Mouse Liver Cell Line. Journal of Virology, 2005, 79, 2950-2955.	3.4	23
28	High degree of correlation between Ebola virus BSL-4 neutralization assays and pseudotyped VSV BSL-2 fluorescence reduction neutralization test. Journal of Virological Methods, 2018, 254, 1-7.	2.1	22
29	Induction of ebolavirus cross-species immunity using retrovirus-like particles bearing the Ebola virus glycoprotein lacking the mucin-like domain. Virology Journal, 2012, 9, 32.	3.4	19
30	The interaction of hepatitis A virus (HAV) with soluble forms of its cellular receptor 1 (HAVCR1) share the physiological requirements of infectivity in cell culture. Virology Journal, 2009, 6, 175.	3.4	16
31	HAVCR1 (CD365) and Its Mouse Ortholog Are Functional Hepatitis A Virus (HAV) Cellular Receptors That Mediate HAV Infection. Journal of Virology, 2018, 92, .	3.4	16
32	Characterization of Replication-Competent Hepatitis A Virus Constructs Containing Insertions at the N Terminus of the Polyprotein. Journal of Virology, 1998, 72, 349-357.	3.4	15
33	Development and characterization of rabbit and mouse antibodies against ebolavirus envelope glycoproteins. Journal of Virological Methods, 2011, 174, 99-109.	2.1	13
34	A simple and rapid Hepatitis A Virus (HAV) titration assay based on antibiotic resistance of infected cells: evaluation of the HAV neutralization potency of human immune globulin preparations. Virology Journal, 2008, 5, 155.	3.4	12
35	Rapid and convenient assays to assess potential inhibitory activity on in vitro hepatitis A replication. Antiviral Research, 2013, 98, 325-331.	4.1	12
36	Determinants in 3D ^{pol} Modulate the Rate of Growth of Hepatitis A Virus. Journal of Virology, 2010, 84, 8342-8347.	3.4	10

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37	Determinants in the Ig Variable Domain of Human HAVCR1 (TIM-1) Are Required To Enhance Hepatitis C Virus Entry. Journal of Virology, 2018, 92, .	3.4	10
38	Nucleotide sequence of the P1 region of foot-and-mouth disease virus strain O1 Caseros. Virus Genes, 1997, 14, 255-259.	1.6	6
39	Hepatitis A virus (HAV) packaging size limit. Virology Journal, 2009, 6, 204.	3.4	6
40	Distinct Trafficking of Cell Surface and Endosomal <scp>TIM</scp>â€1 to the Immune Synapse. Traffic, 2015, 16, 1193-1207.	2.7	6
41	Hepatitis A: Immune Response and Virus Evolution. , 2014, , 173-189.		3
42	Tracking ebolavirus genomic drift with a resequencing microarray. PLoS ONE, 2022, 17, e0263732.	2.5	1
43	Reply to Das et al., â€œTIM1 (HAVCR1): an Essential â€˜Receptorâ€™ or an â€˜Accessory Attachment Factorâ€™ for Hepatitis A Virus?â€. Journal of Virology, 2019, 93, .	3.4	0