Kai Hu

List of Publications by Year
in descending order

22 papers	1,114 citations	567281 15 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	2119 citing authors

#	Article	IF	Citations
1	Detection and quantification of antibody to SARS CoV 2 receptor binding domain provides enhanced sensitivity, specificity and utility. Journal of Virological Methods, 2022, 302, 114475.	2.1	8
2	Presentation of antigen on extracellular vesicles using transmembrane domains from viral glycoproteins for enhanced immunogenicity. Journal of Extracellular Vesicles, 2022, 11, e12199.	12.2	14
3	Innate Inhibiting Proteins Enhance Expression and Immunogenicity of Self-Amplifying RNA. Molecular Therapy, 2021, 29, 1174-1185.	8.2	40
4	CCL19 and CCL28 Assist Herpes Simplex Virus 2 Glycoprotein D To Induce Protective Systemic Immunity against Genital Viral Challenge. MSphere, 2021, 6, .	2.9	8
5	Heterologous vaccination regimens with self-amplifying RNA and adenoviral COVID vaccines induce robust immune responses in mice. Nature Communications, 2021, 12, 2893.	12.8	104
6	Polymeric and lipid nanoparticles for delivery of self-amplifying RNA vaccines. Journal of Controlled Release, 2021, 338, 201-210.	9.9	53
7	HSV-2 Infection of Human Genital Epithelial Cells Upregulates TLR9 Expression Through the SP1/JNK Signaling Pathway. Frontiers in Immunology, 2020, 11, 356.	4.8	15
8	Self-amplifying RNA SARS-CoV-2 lipid nanoparticle vaccine candidate induces high neutralizing antibody titers in mice. Nature Communications, 2020, 11, 3523.	12.8	357
9	Big Is Beautiful: Enhanced saRNA Delivery and Immunogenicity by a Higher Molecular Weight, Bioreducible, Cationic Polymer. ACS Nano, 2020, 14, 5711-5727.	14.6	92
10	CCL19 and CCR7 Expression, Signaling Pathways, and Adjuvant Functions in Viral Infection and Prevention. Frontiers in Cell and Developmental Biology, 2019, 7, 212.	3.7	104
11	Antigenicity and immunogenicity of HIV-1 gp140 with different combinations of glycan mutation and V1/V2 region or V3 crown deletion. Vaccine, 2019, 37, 7501-7508.	3.8	5
12	Herpes Simplex Virus Type 2 Infection-Induced Expression of CXCR3 Ligands Promotes CD4+ T Cell Migration and Is Regulated by the Viral Immediate-Early Protein ICP4. Frontiers in Immunology, 2018, 9, 2932.	4.8	16
13	Tick-Borne Encephalitis Virus Nonstructural Protein NS5 Induces RANTES Expression Dependent on the RNA-Dependent RNA Polymerase Activity. Journal of Immunology, 2018, 201, 53-68.	0.8	30
14	Penton base induces better protective immune responses than fiber and hexon as a subunit vaccine candidate against adenoviruses. Vaccine, 2018, 36, 4287-4297.	3.8	9
15	Japanese encephalitis virus counteracts BST2 restriction via its envelope protein E. Virology, 2017, 510, 67-75.	2.4	9
16	DC-SIGN as an attachment factor mediates Japanese encephalitis virus infection of human dendritic cells via interaction with a single high-mannose residue of viral E glycoprotein. Virology, 2016, 488, 108-119.	2.4	48
17	Immunization with HSV-2 gB-CCL19 Fusion Constructs Protects Mice against Lethal Vaginal Challenge. Journal of Immunology, 2015, 195, 329-338.	0.8	16
18	Contribution of N-linked glycans on HSV-2 gB to cellâ€“cell fusion and viral entry. Virology, 2015, 483, 72-82.	2.4	33

#	Article	IF	Citations
19	HSV-2 Immediate-Early Protein US1 Inhibits IFN-Î² Production by Suppressing Association of IRF-3 with IFN-Î² Promoter. Journal of Immunology, 2015, 194, 3102-3115.	0.8	37
20	DC-SIGN plays a stronger role than DCIR in mediating HIV-1 capture and transfer. Virology, 2014, 458-459, 83-92.	2.4	22
21	CCL19 and CCL28 Augment Mucosal and Systemic Immune Responses to HIV-1 gp140 by Mobilizing Responsive Immunocytes into Secondary Lymph Nodes and Mucosal Tissue. Journal of Immunology, 2013, 191, 1935-1947.	0.8	43
22	Highly conserved HIV-1 gp120 glycans proximal to CD4-binding region affect viral infectivity and neutralizing antibody induction. Virology, 2012, 423, 97-106.	2.4	51