Alexander Karlas

List of Publications by Year
in descending order

29 papers	3,252 citations	361413 20 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	9141 citing authors

#	Article	IF	Citations
1	Expression, purification and crystallization of CLK1 kinase â€“ A potential target for antiviral therapy. Protein Expression and Purification, 2020, 176, 105742.	1.3	6
2	Regulation of influenza A virus mRNA splicing by CLK1. Antiviral Research, 2019, 168, 187-196.	4.1	21
3	RNAi-based small molecule repositioning reveals clinically approved urea-based kinase inhibitors as broadly active antivirals. PLoS Pathogens, 2019, 15, e1007601.	4.7	26
4	Model-based analysis of influenza A virus replication in genetically engineered cell lines elucidates the impact of host cell factors on key kinetic parameters of virus growth. PLoS Computational Biology, 2019, 15, e1006944.	3.2	10
5	Long-Term Culture of Distal Airway Epithelial Cells Allows Differentiation Towards Alveolar Epithelial Cells Suited for Influenza Virus Studies. EBioMedicine, 2018, 33, 230-241.	6.1	14
6	Quantitative Proteomic Approach Identifies Vpr Binding Protein as Novel Host Factor Supporting Influenza A Virus Infections in Human Cells. Molecular and Cellular Proteomics, 2017, 16, 728-742.	3.8	13
7	ALPK1- and TIFA-Dependent Innate Immune Response Triggered by the Helicobacter pylori Type IV Secretion System. Cell Reports, 2017, 20, 2384-2395.	6.4	139
8	A human genome-wide loss-of-function screen identifies effective chikungunya antiviral drugs. Nature Communications, 2016, 7, 11320.	12.8	72
9	Genetic characterization of an adapted pandemic 2009 H1N1 influenza virus that reveals improved replication rates in human lung epithelial cells. Virology, 2016, 492, 118-129.	2.4	8
10	Meta- and Orthogonal Integration of Influenza â€œOMICsâ€•Data Defines a Role for UBR4 in Virus Budding. Cell Host and Microbe, 2015, 18, 723-735.	11.0	868
11	Evidence for a crucial role of a host non-coding RNA in influenza A virus replication. RNA Biology, 2014, 11, 66-75.	3.1	90
12	Dynaminâ€•mediated lipid acquisition is essential for <scp><i>C</i></scp><i>hlamydia trachomatis</i> development. Molecular Microbiology, 2014, 94, 186-201.	2.5	14
13	RORÎ³t+ Innate Lymphoid Cells Acquire a Proinflammatory Program upon Engagement of the Activating Receptor NKp44. Immunity, 2013, 38, 1223-1235.	14.3	166
14	Genome-Wide RNAi Screening to Identify Human Host Factors Crucial for Influenza Virus Replication. Advances in Delivery Science and Technology, 2013, , 243-257.	0.4	0
15	Autophagy-independent function of MAP-LC3 during intracellular propagation of<i>Chlamydia trachomatis</i>. Autophagy, 2011, 7, 814-828.	9.1	56
16	Cigarette smoke extract induces prolonged endoplasmic reticulum stress and autophagic cell death in human umbilical vein endothelial cells. Cardiovascular Research, 2011, 92, 141-148.	3.8	83
17	Genome-Wide RNAi Screen for Viral Replication in Mammalian Cell Culture. Methods in Molecular Biology, 2011, 721, 383-395.	0.9	8
18	Pulmonary Gene Silencing in Transgenic EGFP Mice Using Aerosolised Chitosan/siRNA Nanoparticles. Pharmaceutical Research, 2010, 27, 2520-2527.	3.5	87

#	Article	IF	Citations
19	Genome-wide RNAi screen identifies human host factors crucial for influenza virus replication. Nature, 2010, 463, 818-822.	27.8	629
20	Helicobacter pylori Induces miR-155 in T Cells in a cAMP-Foxp3-Dependent Manner. PLoS ONE, 2010, 5, e9500.	2.5	89
21	Rab6 and Rab11 Regulate Chlamydia trachomatis Development and Golgin-84-Dependent Golgi Fragmentation. PLoS Pathogens, 2009, 5, e1000615.	4.7	121
22	Chlamydia causes fragmentation of the Golgi compartment to ensure reproduction. Nature, 2009, 457, 731-735.	27.8	254
23	Conserved roles of Sam50 and metaxins in VDAC biogenesis. EMBO Reports, 2007, 8, 576-582.	4.5	97
24	The Helicobacter pylori CagA protein disrupts matrix adhesion of gastric epithelial cells by dephosphorylation of vinculin. Cellular Microbiology, 2007, 9, 1148-1161.	2.1	80
25	Analysis of pig-to-human porcine endogenous retrovirus transmission in a triple-species kidney xenotransplantation model. Transplant International, 2005, 17, 848-858.	1.6	23
26	Porcine Endogenous Retroviruses PERV-A and PERV-B Infect neither Mouse Cells in vitro nor SCID Mice in vivo. Intervirology, 2005, 48, 167-173.	2.8	21
27	Inhibition of porcine endogenous retroviruses by RNA interference: increasing the safety of xenotransplantation. Virology, 2004, 325, 18-23.	2.4	71
28	Genetic alterations of the long terminal repeat of an ecotropic porcine endogenous retrovirus during passage in human cells. Virology, 2003, 314, 125-133.	2.4	95
29	Porcine endogenous retroviruses: no infection in patients treated with a bioreactor based on porcine liver cells. Journal of Clinical Virology, 2003, 28, 141-154.	3.1	88