

Alexander Karlas

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

3,252
citations

361045

20
h-index

500791

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 – A potential target for antiviral therapy. Protein Expression and Purification, 2020, 176, 105742. | 0.6 | 6 |
| 2 | Regulation of influenza A virus mRNA splicing by CLK1. Antiviral Research, 2019, 168, 187-196. | 1.9 | 21 |
| 3 | RNAi-based small molecule repositioning reveals clinically approved urea-based kinase inhibitors as broadly active antivirals. PLoS Pathogens, 2019, 15, e1007601. | 2.1 | 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. | 1.5 | 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. | 2.7 | 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. | 2.5 | 13 |
| 7 | ALPK1- and TIFA-Dependent Innate Immune Response Triggered by the Helicobacter pylori Type IV Secretion System. Cell Reports, 2017, 20, 2384-2395. | 2.9 | 139 |
| 8 | A human genome-wide loss-of-function screen identifies effective chikungunya antiviral drugs. Nature Communications, 2016, 7, 11320. | 5.8 | 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. | 1.1 | 8 |
| 10 | Meta- and Orthogonal Integration of Influenza –OMICs–Data Defines a Role for UBR4 in Virus Budding. Cell Host and Microbe, 2015, 18, 723-735. | 5.1 | 868 |
| 11 | Evidence for a crucial role of a host non-coding RNA in influenza A virus replication. RNA Biology, 2014, 11, 66-75. | 1.5 | 90 |
| 12 | Dynamidin-mediated lipid acquisition is essential for Chlamydia trachomatis development. Molecular Microbiology, 2014, 94, 186-201. | 1.2 | 14 |
| 13 | ROR ³ + Innate Lymphoid Cells Acquire a Proinflammatory Program upon Engagement of the Activating Receptor NKp44. Immunity, 2013, 38, 1223-1235. | 6.6 | 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 Chlamydia trachomatis. Autophagy, 2011, 7, 814-828. | 4.3 | 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. | 1.8 | 83 |
| 17 | Genome-Wide RNAi Screen for Viral Replication in Mammalian Cell Culture. Methods in Molecular Biology, 2011, 721, 383-395. | 0.4 | 8 |
| 18 | Pulmonary Gene Silencing in Transgenic EGFP Mice Using Aerosolised Chitosan/siRNA Nanoparticles. Pharmaceutical Research, 2010, 27, 2520-2527. | 1.7 | 87 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Genome-wide RNAi screen identifies human host factors crucial for influenza virus replication. <i>Nature</i> , 2010, 463, 818-822. | 13.7 | 629 |
| 20 | <i>Helicobacter pylori</i> Induces miR-155 in T Cells in a cAMP-Foxp3-Dependent Manner. <i>PLoS ONE</i> , 2010, 5, e9500. | 1.1 | 89 |
| 21 | Rab6 and Rab11 Regulate <i>Chlamydia trachomatis</i> Development and Golgin-84-Dependent Golgi Fragmentation. <i>PLoS Pathogens</i> , 2009, 5, e1000615. | 2.1 | 121 |
| 22 | <i>Chlamydia</i> causes fragmentation of the Golgi compartment to ensure reproduction. <i>Nature</i> , 2009, 457, 731-735. | 13.7 | 254 |
| 23 | Conserved roles of Sam50 and metaxins in VDAC biogenesis. <i>EMBO Reports</i> , 2007, 8, 576-582. | 2.0 | 97 |
| 24 | The <i>Helicobacter pylori</i> CagA protein disrupts matrix adhesion of gastric epithelial cells by dephosphorylation of vinculin. <i>Cellular Microbiology</i> , 2007, 9, 1148-1161. | 1.1 | 80 |
| 25 | Analysis of pig-to-human porcine endogenous retrovirus transmission in a triple-species kidney xenotransplantation model. <i>Transplant International</i> , 2005, 17, 848-858. | 0.8 | 23 |
| 26 | Porcine Endogenous Retroviruses PERV-A and PERV-B Infect neither Mouse Cells in vitro nor SCID Mice in vivo. <i>Intervirology</i> , 2005, 48, 167-173. | 1.2 | 21 |
| 27 | Inhibition of porcine endogenous retroviruses by RNA interference: increasing the safety of xenotransplantation. <i>Virology</i> , 2004, 325, 18-23. | 1.1 | 71 |
| 28 | Genetic alterations of the long terminal repeat of an ecotropic porcine endogenous retrovirus during passage in human cells. <i>Virology</i> , 2003, 314, 125-133. | 1.1 | 95 |
| 29 | Porcine endogenous retroviruses: no infection in patients treated with a bioreactor based on porcine liver cells. <i>Journal of Clinical Virology</i> , 2003, 28, 141-154. | 1.6 | 88 |