

Megan L Stanifer

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,269
citations

185998

28
h-index

189595

50
g-index

71
all docs

71
docs citations

71
times ranked

7502
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Ex Vivo and in Vivo suppression of SARS-CoV-2 with combinatorial AAV/RNAi expression vectors. <i>Molecular Therapy</i> , 2022, 30, 2005-2023. | 3.7 | 10 |
| 2 | Increased Sensitivity of SARS-CoV-2 to Type III Interferon in Human Intestinal Epithelial Cells. <i>Journal of Virology</i> , 2022, 96, e0170521. | 1.5 | 17 |
| 3 | The FDA-Approved Drug Cobicistat Synergizes with Remdesivir To Inhibit SARS-CoV-2 Replication <i>In Vitro</i> and Decreases Viral Titers and Disease Progression in Syrian Hamsters. <i>MBio</i> , 2022, 13, e0370521. | 1.8 | 22 |
| 4 | Mapping the epithelial-immune cell interactome upon infection in the gut and the upper airways. <i>Npj Systems Biology and Applications</i> , 2022, 8, 15. | 1.4 | 3 |
| 5 | A family of conserved bacterial virulence factors dampens interferon responses by blocking calcium signaling. <i>Cell</i> , 2022, 185, 2354-2369.e17. | 13.5 | 26 |
| 6 | A diabetic milieu increases ACE2 expression and cellular susceptibility to SARS-CoV-2 infections in human kidney organoids and patient cells. <i>Cell Metabolism</i> , 2022, 34, 857-873.e9. | 7.2 | 40 |
| 7 | Multivalent 9-O-Acetylated-sialic acid glycoclusters as potent inhibitors for SARS-CoV-2 infection. <i>Nature Communications</i> , 2022, 13, 2564. | 5.8 | 32 |
| 8 | Genetic regulation of OAS1 nonsense-mediated decay underlies association with COVID-19 hospitalization in patients of European and African ancestries. <i>Nature Genetics</i> , 2022, 54, 1103-1116. | 9.4 | 54 |
| 9 | SARS-CoV-2 infection remodels the host protein thermal stability landscape. <i>Molecular Systems Biology</i> , 2021, 17, e10188. | 3.2 | 17 |
| 10 | Single-cell analyses reveal SARS-CoV-2 interference with intrinsic immune response in the human gut. <i>Molecular Systems Biology</i> , 2021, 17, e10232. | 3.2 | 78 |
| 11 | Selective Janus kinase inhibition preserves interferon-mediated antiviral responses. <i>Science Immunology</i> , 2021, 6, . | 5.6 | 16 |
| 12 | The endogenous cellular protease inhibitor SPINT2 controls SARS-CoV-2 viral infection and is associated to disease severity. <i>PLoS Pathogens</i> , 2021, 17, e1009687. | 2.1 | 4 |
| 13 | Single-cell transcriptomics reveals immune response of intestinal cell types to viral infection. <i>Molecular Systems Biology</i> , 2021, 17, e9833. | 3.2 | 24 |
| 14 | TMPRSS2 expression dictates the entry route used by SARS-CoV-2 to infect host cells. <i>EMBO Journal</i> , 2021, 40, e107821. | 3.5 | 223 |
| 15 | Functional comparison of MERS-coronavirus lineages reveals increased replicative fitness of the recombinant lineage 5. <i>Nature Communications</i> , 2021, 12, 5324. | 5.8 | 11 |
| 16 | Adapting Gastrointestinal Organoids for Pathogen Infection and Single Cell Sequencing under Biosafety Level 3 (BSL-3) Conditions. <i>Journal of Visualized Experiments</i> , 2021, . | 0.2 | 1 |
| 17 | Microscopy-based assay for semi-quantitative detection of SARS-CoV-2 specific antibodies in human sera. <i>BioEssays</i> , 2021, 43, e2000257. | 1.2 | 22 |
| 18 | Conserved Induction of Distinct Antiviral Signalling Kinetics by Primate Interferon Lambda 4 Proteins. <i>Frontiers in Immunology</i> , 2021, 12, 772588. | 2.2 | 6 |

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|----|---|------|-----------|
| 19 | Invasiveness of Escherichia coli Is Associated with an IncFII Plasmid. <i>Pathogens</i> , 2021, 10, 1645. | 1.2 | 3 |
| 20 | Asymmetric distribution of TLR3 leads to a polarized immune response in human intestinal epithelial cells. <i>Nature Microbiology</i> , 2020, 5, 181-191. | 5.9 | 45 |
| 21 | Interferons and viruses induce a novel truncated ACE2 isoform and not the full-length SARS-CoV-2 receptor. <i>Nature Genetics</i> , 2020, 52, 1283-1293. | 9.4 | 217 |
| 22 | Integrative Imaging Reveals SARS-CoV-2-Induced Reshaping of Subcellular Morphologies. <i>Cell Host and Microbe</i> , 2020, 28, 853-866.e5. | 5.1 | 213 |
| 23 | SARS-CoV-2 structure and replication characterized by in situ cryo-electron tomography. <i>Nature Communications</i> , 2020, 11, 5885. | 5.8 | 514 |
| 24 | The origin of diarrhea in rotavirus infection. <i>Science</i> , 2020, 370, 909-910. | 6.0 | 7 |
| 25 | A colorimetric RT-LAMP assay and LAMP-sequencing for detecting SARS-CoV-2 RNA in clinical samples. <i>Science Translational Medicine</i> , 2020, 12, . | 5.8 | 516 |
| 26 | Development of Feline Ileum- and Colon-Derived Organoids and Their Potential Use to Support Feline Coronavirus Infection. <i>Cells</i> , 2020, 9, 2085. | 1.8 | 17 |
| 27 | Importance of Type I and III Interferons at Respiratory and Intestinal Barrier Surfaces. <i>Frontiers in Immunology</i> , 2020, 11, 608645. | 2.2 | 100 |
| 28 | Critical Role of Type III Interferon in Controlling SARS-CoV-2 Infection in Human Intestinal Epithelial Cells. <i>Cell Reports</i> , 2020, 32, 107863. | 2.9 | 295 |
| 29 | NSs amyloid formation is associated with the virulence of Rift Valley fever virus in mice. <i>Nature Communications</i> , 2020, 11, 3281. | 5.8 | 36 |
| 30 | 3D Correlative Cryo-Structured Illumination Fluorescence and Soft X-ray Microscopy Elucidates Reovirus Intracellular Release Pathway. <i>Cell</i> , 2020, 182, 515-530.e17. | 13.5 | 73 |
| 31 | Enhanced Uptake and Endosomal Release of LbL Microcarriers Functionalized with Reversible Fusion Proteins. <i>ACS Applied Bio Materials</i> , 2020, 3, 1553-1567. | 2.3 | 5 |
| 32 | Novel Toscana Virus Reverse Genetics System Establishes NSs as an Antagonist of Type I Interferon Responses. <i>Viruses</i> , 2020, 12, 400. | 1.5 | 10 |
| 33 | Teratogenic Rubella Virus Alters the Endodermal Differentiation Capacity of Human Induced Pluripotent Stem Cells. <i>Cells</i> , 2019, 8, 870. | 1.8 | 29 |
| 34 | TRIM69 Inhibits Vesicular Stomatitis Indiana Virus. <i>Journal of Virology</i> , 2019, 93, . | 1.5 | 35 |
| 35 | Type-Specific Crosstalk Modulates Interferon Signaling in Intestinal Epithelial Cells. <i>Journal of Interferon and Cytokine Research</i> , 2019, 39, 650-660. | 0.5 | 9 |
| 36 | Hypoxic Environment Promotes Barrier Formation in Human Intestinal Epithelial Cells through Regulation of MicroRNA 320a Expression. <i>Molecular and Cellular Biology</i> , 2019, 39, . | 1.1 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Differential Regulation of Type I and Type III Interferon Signaling. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1445. | 1.8 | 147 |
| 38 | Novel Chimeric Gene Therapy Vectors Based on Adeno-Associated Virus and Four Different Mammalian Bocaviruses. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 12, 202-222. | 1.8 | 38 |
| 39 | Differential induction of interferon stimulated genes between type I and type III interferons is independent of interferon receptor abundance. <i>PLoS Pathogens</i> , 2018, 14, e1007420. | 2.1 | 100 |
| 40 | Reversible Fusion Proteins as a Tool to Enhance Uptake of Virus-Functionalized LbL Microcarriers. <i>Biomacromolecules</i> , 2018, 19, 3212-3223. | 2.6 | 6 |
| 41 | miR-16 and miR-125b are involved in barrier function dysregulation through the modulation of claudin-2 and cingulin expression in the jejunum in IBS with diarrhoea. <i>Gut</i> , 2017, 66, 1537.1-1538. | 6.1 | 105 |
| 42 | Mechanism of membrane fusion induced by vesicular stomatitis virus G protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E28-E36. | 3.3 | 98 |
| 43 | Genome packaging of reovirus is mediated by the scaffolding property of the microtubule network. <i>Cellular Microbiology</i> , 2017, 19, e12765. | 1.1 | 25 |
| 44 | Type I and Type III Interferons Display Different Dependency on Mitogen-Activated Protein Kinases to Mount an Antiviral State in the Human Gut. <i>Frontiers in Immunology</i> , 2017, 8, 459. | 2.2 | 84 |
| 45 | Reovirus intermediate subviral particles constitute a strategy to infect intestinal epithelial cells by exploiting TGF- β 2 dependent pro-survival signaling. <i>Cellular Microbiology</i> , 2016, 18, 1831-1845. | 1.1 | 36 |
| 46 | Dynamics of Virus-Receptor Interactions in Virus Binding, Signaling, and Endocytosis. <i>Viruses</i> , 2015, 7, 2794-2815. | 1.5 | 157 |
| 47 | Arbidol inhibits viral entry by interfering with clathrin-dependent trafficking. <i>Antiviral Research</i> , 2013, 100, 215-219. | 1.9 | 72 |
| 48 | Similar uptake but different trafficking and escape routes of reovirus virions and infectious subviral particles imaged in polarized Madinâ€Darby canine kidney cells. <i>Molecular Biology of the Cell</i> , 2013, 24, 1196-1207. | 0.9 | 47 |
| 49 | A Recombinant Vesicular Stomatitis Virus Bearing a Lethal Mutation in the Glycoprotein Gene Uncovers a Second Site Suppressor That Restores Fusion. <i>Journal of Virology</i> , 2011, 85, 8105-8115. | 1.5 | 32 |
| 50 | The Human Polyomavirus, JCV, Uses Serotonin Receptors to Infect Cells. <i>Science</i> , 2004, 306, 1380-1383. | 6.0 | 417 |