

Margaret A Scull

List of Publications by Year in descending order

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35
papers

3,109
citations

411340

20
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406436

35
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39
docs citations

39
times ranked

6398
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Innate Antiviral Immunity in Physiological Context. <i>Journal of Molecular Biology</i> , 2022, 434, 167374.	2.0	4
2	Rhinovirus C replication is associated with the endoplasmic reticulum and triggers cytopathic effects in an in vitro model of human airway epithelium. <i>PLoS Pathogens</i> , 2022, 18, e1010159.	2.1	8
3	Influenza A virus diffusion through mucus gel networks. <i>Communications Biology</i> , 2022, 5, 249.	2.0	13
4	Membrane-Tethered Mucin 1 Is Stimulated by Interferon and Virus Infection in Multiple Cell Types and Inhibits Influenza A Virus Infection in Human Airway Epithelium. <i>MBio</i> , 2022, 13, .	1.8	10
5	Immunofluorescence-Mediated Detection of Respiratory Virus Infections in Human Airway Epithelial Cultures. <i>Current Protocols</i> , 2022, 2, .	1.3	3
6	Modeling Airway Dysfunction in Asthma Using Synthetic Mucus Biomaterials. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2723-2733.	2.6	24
7	Leveraging 3D Model Systems to Understand Viral Interactions with the Respiratory Mucosa. <i>Viruses</i> , 2020, 12, 1425.	1.5	18
8	Green fluorescent protein-tagged apolipoprotein E: A useful marker for the study of hepatic lipoprotein egress. <i>Traffic</i> , 2017, 18, 192-204.	1.3	9
9	Differential Regulation of Lipoprotein and Hepatitis C Virus Secretion by Rab1b. <i>Cell Reports</i> , 2017, 21, 431-441.	2.9	28
10	Diverse Viruses Require the Calcium Transporter SPCA1 for Maturation and Spread. <i>Cell Host and Microbe</i> , 2017, 22, 460-470.e5.	5.1	52
11	Analysis of Hepatitis C Virus Particle Heterogeneity in Immunodeficient Human Liver Chimeric <i>fah</i> ^{-/-} Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 4, 405-417.	2.3	7
12	In situ expansion of engineered human liver tissue in a mouse model of chronic liver disease. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	133
13	miRNA independent hepacivirus variants suggest a strong evolutionary pressure to maintain miR-122 dependence. <i>PLoS Pathogens</i> , 2017, 13, e1006694.	2.1	25
14	Screening of the Pan-African Natural Product Library Identifies Ixoratannin A-2 and Boldine as Novel HIV-1 Inhibitors. <i>PLoS ONE</i> , 2015, 10, e0121099.	1.1	38
15	A Serpin Shapes the Extracellular Environment to Prevent Influenza A Virus Maturation. <i>Cell</i> , 2015, 160, 631-643.	13.5	137
16	Hepatitis C virus infects rhesus macaque hepatocytes and simianized mice. <i>Hepatology</i> , 2015, 62, 57-67.	3.6	22
17	Micropatterned coculture of primary human hepatocytes and supportive cells for the study of hepatotropic pathogens. <i>Nature Protocols</i> , 2015, 10, 2027-2053.	5.5	119
18	The N-terminal Helical Region of the Hepatitis C Virus p7 Ion Channel Protein Is Critical for Infectious Virus Production. <i>PLoS Pathogens</i> , 2015, 11, e1005297.	2.1	18

#	ARTICLE	IF	CITATIONS
19	New Methods in Tissue Engineering: Improved Models for Viral Infection. <i>Annual Review of Virology</i> , 2014, 1, 475-499.	3.0	23
20	Recapitulation of the hepatitis C virus life-cycle in engineered murine cell lines. <i>Virology</i> , 2013, 444, 1-11.	1.1	64
21	Human parainfluenza virus serotypes differ in their kinetics of replication and cytokine secretion in human tracheobronchial airway epithelium. <i>Virology</i> , 2012, 433, 320-328.	1.1	21
22	Exiting from uncharted territory: Hepatitis C virus assembles in mouse cell lines. <i>Hepatology</i> , 2012, 55, 645-648.	3.6	2
23	NLRX1 Protein Attenuates Inflammatory Responses to Infection by Interfering with the RIG-I-MAVS and TRAF6-NF- κ B Signaling Pathways. <i>Immunity</i> , 2011, 34, 854-865.	6.6	323
24	The Conundrum of Relapse in STAT-C Therapy: Does HCV Play the Red Queen or Rip Van Winkle?. <i>Seminars in Liver Disease</i> , 2011, 31, 410-419.	1.8	8
25	Lack of transmission of a human influenza virus with avian receptor specificity between ferrets is not due to decreased virus shedding but rather a lower infectivity in vivo. <i>Journal of General Virology</i> , 2011, 92, 1822-1831.	1.3	45
26	Human parainfluenza virus type 2 V protein inhibits interferon production and signaling and is required for replication in non-human primates. <i>Virology</i> , 2010, 397, 285-298.	1.1	16
27	A big role for small RNAs in influenza virus replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11153-11154.	3.3	9
28	Growth restriction of an experimental live attenuated human parainfluenza virus type 2 vaccine in human ciliated airway epithelium in vitro parallels attenuation in African green monkeys. <i>Vaccine</i> , 2010, 28, 2788-2798.	1.7	14
29	Avian Influenza Virus Glycoproteins Restrict Virus Replication and Spread through Human Airway Epithelium at Temperatures of the Proximal Airways. <i>PLoS Pathogens</i> , 2009, 5, e1000424.	2.1	68
30	The NLRP3 Inflammasome Mediates In Vivo Innate Immunity to Influenza A Virus through Recognition of Viral RNA. <i>Immunity</i> , 2009, 30, 556-565.	6.6	943
31	Characterization of exosome-like vesicles released from human tracheobronchial ciliated epithelium: a possible role in innate defense. <i>FASEB Journal</i> , 2009, 23, 1858-1868.	0.2	301
32	Mutations in H5N1 Influenza Virus Hemagglutinin that Confer Binding to Human Tracheal Airway Epithelium. <i>PLoS ONE</i> , 2009, 4, e7836.	1.1	60
33	Role of Interferon in the Replication of Human Parainfluenza Virus Type 1 Wild Type and Mutant Viruses in Human Ciliated Airway Epithelium. <i>Journal of Virology</i> , 2008, 82, 8059-8070.	1.5	28
34	Correlates of Preserved CD4+ T Cell Homeostasis during Natural, Nonpathogenic Simian Immunodeficiency Virus Infection of Sooty Mangabeys: Implications for AIDS Pathogenesis. <i>Journal of Immunology</i> , 2007, 178, 1680-1691.	0.4	110
35	CD25+CD4+ Regulatory T Cells from the Peripheral Blood of Asymptomatic HIV-infected Individuals Regulate CD4+ and CD8+ HIV-specific T Cell Immune Responses In Vitro and Are Associated with Favorable Clinical Markers of Disease Status. <i>Journal of Experimental Medicine</i> , 2004, 200, 331-343.	4.2	401