Andrew A Wilson

List of Publications by Year
in descending order

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35 papers	1,588 citations	471509 17 h-index	330143 37 g-index
41 all docs	41 docs citations	41 times ranked	3040 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 Infection of Pluripotent Stem Cell-Derived Human Lung Alveolar Type 2 Cells Elicits a Rapid Epithelial-Intrinsic Inflammatory Response. Cell Stem Cell, 2020, 27, 962-973.e7.	11.1	266
2	The Prolonged Life-Span of Alveolar Macrophages. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 380-385.	2.9	168
3	Reconstructed Single-Cell Fate Trajectories Define Lineage Plasticity Windows during Differentiation of Human PSC-Derived Distal Lung Progenitors. Cell Stem Cell, 2020, 26, 593-608.e8.	11.1	114
4	Intracellular Bacillary Burden Reflects a Burst Size for Mycobacterium tuberculosis In Vivo. PLoS Pathogens, 2013, 9, e1003190.	4.7	104
5	Actionable Cytopathogenic Host Responses of Human Alveolar Type 2 Cells to SARS-CoV-2. Molecular Cell, 2020, 80, 1104-1122.e9.	9.7	94
6	Induced pluripotent stem cells model personalized variations in liver disease resulting from Î±1â€antitrypsin deficiency. Hepatology, 2015, 62, 147-157.	7.3	77
7	Emergence of a Stage-Dependent Human Liver Disease Signature with Directed Differentiation of Alpha-1 Antitrypsin-Deficient iPS Cells. Stem Cell Reports, 2015, 4, 873-885.	4.8	77
8	Amelioration of emphysema in mice through lentiviral transduction of long-lived pulmonary alveolar macrophages. Journal of Clinical Investigation, 2010, 120, 379-389.	8.2	74
9	Lentiviral Delivery of RNAi for In Vivo Lineage-Specific Modulation of Gene Expression in Mouse Lung Macrophages. Molecular Therapy, 2013, 21, 825-833.	8.2	69
10	The heat shock transcription factor Hsf1 is downregulated in DNA damageâ€“associated senescence, contributing to the maintenance of senescence phenotype. Aging Cell, 2012, 11, 617-627.	6.7	66
11	Roles of Lung Epithelium in Neutrophil Recruitment during Pneumococcal Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 253-262.	2.9	65
12	Sustained Expression of Î±₁-Antitrypsin after Transplantation of Manipulated Hematopoietic Stem Cells. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 133-141.	2.9	59
13	hiPSC hepatocyte model demonstrates the role of unfolded protein response and inflammatory networks in Î±1-antitrypsin deficiency. Journal of Hepatology, 2018, 69, 851-860.	3.7	48
14	Loss of TDP-43 function and rimmed vacuoles persist after T cell depletion in a xenograft model of sporadic inclusion body myositis. Science Translational Medicine, 2022, 14, eabi9196.	12.4	27
15	Collective Oscillations in a Simple Metal. I. Spin Waves. Physical Review B, 1970, 2, 4656-4678.	3.2	26
16	Activation of the câ€Jun Nâ€terminal kinase pathway aggravates proteotoxicity of hepatic mutant Z alpha1â€antitrypsin. Hepatology, 2017, 65, 1865-1874.	7.3	24
17	Circulating Truncated Alpha-1 Antitrypsin Glycoprotein in Patient Plasma Retains Anti-Inflammatory Capacity. Journal of Immunology, 2019, 202, 2240-2253.	0.8	20
18	A Highly Phenotyped Open Access Repository of Alpha-1 Antitrypsin Deficiency Pluripotent Stem Cells. Stem Cell Reports, 2020, 15, 242-255.	4.8	17

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19	Air-liquid interface culture promotes maturation and allows environmental exposure of pluripotent stem cellâ€“derived alveolar epithelium. JCI Insight, 2022, 7, .	5.0	17
20	Capacity of Pneumococci to Activate Macrophage Nuclear Factor Î¤B: Influence on Necroptosis and Pneumonia Severity. Journal of Infectious Diseases, 2017, 216, 425-435.	4.0	16
21	Highly sensitive fluorimetric enzyme immunoassay for prostaglandin H synthase solubilized from cultured cells. Journal of Immunological Methods, 1993, 162, 23-30.	1.4	15
22	Adenine base editing reduces misfolded protein accumulation and toxicity in alpha-1 antitrypsin deficient patient iPSC-hepatocytes. Molecular Therapy, 2021, 29, 3219-3229.	8.2	14
23	A library of ATTR amyloidosis patient-specific induced pluripotent stem cells for disease modelling and in vitro testing of novel therapeutics. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2018, 25, 148-155.	3.0	13
24	Expression of Amyloidogenic Transthyretin Drives Hepatic Proteostasis Remodeling in an Induced Pluripotent Stem Cell Model of Systemic AmyloidÂDisease. Stem Cell Reports, 2020, 15, 515-528.	4.8	12
25	Recombinant Lloviu virus as a tool to study viral replication and host responses. PLoS Pathogens, 2022, 18, e1010268.	4.7	11
26	Another notch in stem cell biology: Drosophila intestinal stem cells and the specification of cell fates. BioEssays, 2008, 30, 107-109.	2.5	10
27	Multilineage transduction of resident lung cells in vivo by AAV2/8 for Î±1-antitrypsin gene therapy. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16042.	4.1	10
28	Thyroid hormone signaling promotes hepatic lipogenesis through the transcription factor ChREBP. Science Signaling, 2021, 14, eabh3839.	3.6	10
29	Protocol for Directed Differentiation of Human Induced Pluripotent Stem Cells (iPSCs) to a Hepatic Lineage. Methods in Molecular Biology, 2017, 1639, 151-160.	0.9	9
30	Ataluren, a New Therapeutic for Alpha-1 Antitrypsinâ€“Deficient Individuals with Nonsense Mutations. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1099-1102.	5.6	8
31	Aberrant epithelial polarity cues drive the development of precancerous airway lesions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
32	CRISPR interference interrogation of COPD GWAS genes reveals the functional significance of desmoplakin in iPSC-derived alveolar epithelial cells. Science Advances, 2022, 8, .	10.3	6
33	Collective oscillations in a simple metal. II. Electrical conductivity. Physical Review B, 1978, 18, 6676-6680.	3.2	4
34	Patient-Derived Induced Pluripotent Stem Cells for Alpha-1 Antitrypsin Deficiency Disease Modeling and Therapeutic Discovery. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2018, 5, 258-266.	0.7	4
35	Generating 3D Spheres and 2D Air-Liquid Interface Cultures of Human Induced Pluripotent Stem Cell-Derived Type 2 Alveolar Epithelial Cells. Journal of Visualized Experiments, 2022, , .	0.3	1