

Alan C-Y Hsu

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,503
citations

168829

31
h-index

252626

46
g-index

78
all docs

78
docs citations

78
times ranked

3730
citing authors

#	ARTICLE	IF	CITATIONS
1	Endoplasmic reticulum-unfolded protein response signalling is altered in severe eosinophilic and neutrophilic asthma. <i>Thorax</i> , 2022, 77, 443-451.	2.7	18
2	Proteomic Analysis Reveals a Novel Therapeutic Strategy Using Fludarabine for Steroid-Resistant Asthma Exacerbation. <i>Frontiers in Immunology</i> , 2022, 13, 805558.	2.2	1
3	Sputum Metabolomic Profiling Reveals Metabolic Pathways and Signatures Associated With Inflammatory Phenotypes in Patients With Asthma. <i>Allergy, Asthma and Immunology Research</i> , 2022, 14, 393.	1.1	7
4	Celastrol-loaded liquid crystalline nanoparticles as an anti-inflammatory intervention for the treatment of asthma. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 754-763.	1.8	32
5	Anti-inflammatory and anticancer activities of Naringenin-loaded liquid crystalline nanoparticles in vitro. <i>Journal of Food Biochemistry</i> , 2021, 45, e13572.	1.2	77
6	Design, synthesis and biological evaluation of novel pyxinol derivatives with anti-heart failure activity. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 111050.	2.5	12
7	The complex interplay between endoplasmic reticulum stress and the NLRP3 inflammasome: a potential therapeutic target for inflammatory disorders. <i>Clinical and Translational Immunology</i> , 2021, 10, e1247.	1.7	30
8	<sc>ACE2</sc> expression is elevated in airway epithelial cells from older and male healthy individuals but reduced in asthma. <i>Respirology</i> , 2021, 26, 442-451.	1.3	59
9	Exosomes from human umbilical cord mesenchymal stem cells attenuate the inflammation of severe steroid-resistant asthma by reshaping macrophage polarization. <i>Stem Cell Research and Therapy</i> , 2021, 12, 204.	2.4	41
10	Total IgE Variability Is Associated with Future Asthma Exacerbations: A 1-Year Prospective Cohort Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 2812-2824.	2.0	4
11	<sc>IL-17A</sc> is a common and critical driver of impaired lung function and immunopathology induced by influenza virus, rhinovirus and respiratory syncytial virus. <i>Respirology</i> , 2021, 26, 1049-1059.	1.3	11
12	A microRNA-21-mediated SATB1/S100A9/NF- κ B axis promotes chronic obstructive pulmonary disease pathogenesis. <i>Science Translational Medicine</i> , 2021, 13, eaav7223.	5.8	54
13	Airway Microbiome and Serum Metabolomics Analysis Identify Differential Candidate Biomarkers in Allergic Rhinitis. <i>Frontiers in Immunology</i> , 2021, 12, 771136.	2.2	12
14	PAT in the ER for Transmembrane Protein Folding. <i>Trends in Biochemical Sciences</i> , 2020, 45, 1007-1008.	3.7	4
15	Human coronaviruses 229E and OC43 replicate and induce distinct antiviral responses in differentiated primary human bronchial epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L926-L931.	1.3	36
16	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020, 317, 108947.	1.7	36
17	Protective Effect of Ocotillol, the Derivate of Ocotillol-Type Saponins in Panax Genus, against Acetic Acid-Induced Gastric Ulcer in Rats Based on Untargeted Metabolomics. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2577.	1.8	13
18	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020, 879, 173139.	1.7	44

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19	Ginsenoside Rg3 ameliorates acute exacerbation of COPD by suppressing neutrophil migration. <i>International Immunopharmacology</i> , 2020, 83, 106449.	1.7	19
20	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1590-1596.	0.6	22
21	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an <i>in vitro</i> study. <i>Nanomedicine</i> , 2020, 15, 2955-2970.	1.7	8
22	Green synthesis and antibacterial potential of artemisia vulgaris extract in silver nanoparticles against wound bacteria. <i>Jurnal Ilmiah Farmasi</i> , 2020, 16, 9-18.	0.0	1
23	RIPLET, and not TRIM25, is required for endogenous RIG-I-dependent antiviral responses. <i>Immunology and Cell Biology</i> , 2019, 97, 840-852.	1.0	70
24	Preparation, characterization and in-vitro efficacy of quercetin loaded liquid crystalline nanoparticles for the treatment of asthma. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101297.	1.4	27
25	Combined treatment with SB203580 and dexamethasone suppresses non-typeable <i>Haemophilus influenzae</i> -induced Th17 inflammation response in murine allergic asthma. <i>European Journal of Pharmacology</i> , 2019, 862, 172623.	1.7	13
26	Phenotype-Specific Therapeutic Effect of <i>Rhodiola wallichiana</i> var. <i>cholaensis</i> Combined with Dexamethasone on Experimental Murine Asthma and Its Comprehensive Pharmacological Mechanism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4216.	1.8	7
27	Chitinase-like protein YKL-40 correlates with inflammatory phenotypes, anti-asthma responsiveness and future exacerbations. <i>Respiratory Research</i> , 2019, 20, 95.	1.4	35
28	Role of the Innate Cytokine Storm Induced by the Influenza A Virus. <i>Viral Immunology</i> , 2019, 32, 244-251.	0.6	71
29	Platelet activating factor receptor regulates colitis-induced pulmonary inflammation through the NLRP3 inflammasome. <i>Mucosal Immunology</i> , 2019, 12, 862-873.	2.7	43
30	Columbianadin Suppresses Lipopolysaccharide (LPS)-Induced Inflammation and Apoptosis through the NOD1 Pathway. <i>Molecules</i> , 2019, 24, 549.	1.7	20
31	Nasal epithelial cells to assess in vitro immune responses to respiratory virus infection in pregnant women with asthma. <i>Respiratory Research</i> , 2019, 20, 259.	1.4	12
32	UPLC-QTOF-MS-guided isolation of anti-COPD ginsenosides from wild ginseng. <i>RSC Advances</i> , 2019, 9, 38658-38668.	1.7	3
33	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1785-1792.	2.5	79
34	Increasing complexity and interactions of oxidative stress in chronic respiratory diseases: An emerging need for novel drug delivery systems. <i>Chemico-Biological Interactions</i> , 2019, 299, 168-178.	1.7	96
35	Fibulin-1c regulates transforming growth factor β 2 activation in pulmonary tissue fibrosis. <i>JCI Insight</i> , 2019, 4, .	2.3	42
36	Therapeutic potential of <i>Artemisia vulgaris</i> : An insight into underlying immunological mechanisms. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2019, 38, 205-216.	0.6	14

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37	Respiratory syncytial virus co-opts host mitochondrial function to favour infectious virus production. <i>ELife</i> , 2019, 8, .	2.8	47
38	Inhibition of ER stress suppresses IL-13 induced airway epithelial remodeling. , 2019, , .		0
39	Immunological axis of curcumin-loaded vesicular drug delivery systems. <i>Future Medicinal Chemistry</i> , 2018, 10, 839-844.	1.1	19
40	Impaired Th1 responses in patients with acute exacerbations of COPD are improved with PD-1 blockade. <i>Clinical Immunology</i> , 2018, 188, 64-66.	1.4	2
41	Editorial: Emerging Viruses: Host Immunity and Novel Therapeutic Interventions. <i>Frontiers in Immunology</i> , 2018, 9, 2828.	2.2	3
42	Chinese herbal medicine formula for acute asthma: A multi-center, randomized, double-blind, proof-of-concept trial. <i>Respiratory Medicine</i> , 2018, 140, 42-49.	1.3	23
43	Potential Role of MicroRNAs in the Regulation of Antiviral Responses to Influenza Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1541.	2.2	34
44	Understanding the Unfolded Protein Response in the Pathogenesis of Asthma. <i>Frontiers in Immunology</i> , 2018, 9, 175.	2.2	39
45	Influenza Virus: A Master Tactician in Innate Immune Evasion and Novel Therapeutic Interventions. <i>Frontiers in Immunology</i> , 2018, 9, 743.	2.2	35
46	Assessing the potential of liposomes loaded with curcumin as a therapeutic intervention in asthma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 51-59.	2.5	79
47	Vesicular Systems Containing Curcumin and Their Applications in Respiratory Disorders – A Mini Review. <i>Pharmaceutical Nanotechnology</i> , 2018, 5, 250-254.	0.6	10
48	Platelet Activating Factor Receptor (PAFR) Regulates Colitis-induced Pulmonary Inflammation. <i>FASEB Journal</i> , 2018, 32, 406.1.	0.2	0
49	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. <i>Journal of Pathology</i> , 2017, 243, 510-523.	2.1	81
50	MicroRNA Profiling Reveals a Role for MicroRNA-218-5p in the Pathogenesis of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 43-56.	2.5	108
51	Regulation of xanthine dehydrogenase gene expression and uric acid production in human airway epithelial cells. <i>PLoS ONE</i> , 2017, 12, e0184260.	1.1	25
52	MicroRNA-125a and -b inhibit A20 and MAVS to promote inflammation and impair antiviral response in COPD. <i>JCI Insight</i> , 2017, 2, e90443.	2.3	95
53	Suppressor of cytokine signaling (SOCS)5 ameliorates influenza infection via inhibition of EGFR signaling. <i>ELife</i> , 2017, 6, .	2.8	61
54	The genetic and epigenetic landscapes of the epithelium in asthma. <i>Respiratory Research</i> , 2016, 17, 119.	1.4	72

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55	Impaired Antiviral Stress Granule and IFN- β Enhanceosome Formation Enhances Susceptibility to Influenza Infection in Chronic Obstructive Pulmonary Disease Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 117-127.	1.4	44
56	A pathogenic role for tumor necrosis factor-related apoptosis-inducing ligand in chronic obstructive pulmonary disease. Mucosal Immunology, 2016, 9, 859-872.	2.7	63
57	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. JCI Insight, 2016, 1, .	2.3	100
58	Effect of oxidative stress and rhinovirus infection on mitochondrial/endoplasmic reticular function in human primary bronchial epithelial cells. , 2016, , .		2
59	Micro-RNA-125a/b target A20 and MAVS to promote inflammatory and impair antiviral responses in chronic obstructive pulmonary disease. , 2016, , .		0
60	Innate Immunity and Immune Evasion by Enterovirus 71. Viruses, 2015, 7, 6613-6630.	1.5	66
61	Targeting PI3K-p110 α Suppresses Influenza Virus Infection in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1012-1023.	2.5	126
62	<scp>TLR</scp>3 and <scp>MDA</scp>5 signalling, although not expression, is impaired in asthmatic epithelial cells in response to rhinovirus infection.. Clinical and Experimental Allergy, 2014, 44, 91-101.	1.4	68
63	Novel immune genes associated with excessive inflammatory and antiviral responses to rhinovirus in COPD. Respiratory Research, 2013, 14, 15.	1.4	54
64	Innate immunity to influenza in chronic airways diseases. Respiriology, 2012, 17, 1166-1175.	1.3	32
65	Critical Role of Constitutive Type I Interferon Response in Bronchial Epithelial Cell to Influenza Infection. PLoS ONE, 2012, 7, e32947.	1.1	72
66	Human Influenza Is More Effective than Avian Influenza at Antiviral Suppression in Airway Cells. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 906-913.	1.4	37
67	A Game of Infection â€“ Song of Respiratory Viruses and Interferons. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	0