

Hitesh Deshmukh

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,092
citations

394421

19
h-index

377865

34
g-index

43
all docs

43
docs citations

43
times ranked

3704
citing authors

#	ARTICLE	IF	CITATIONS
1	The microbiota regulates neutrophil homeostasis and host resistance to Escherichia coli K1 sepsis in neonatal mice. <i>Nature Medicine</i> , 2014, 20, 524-530.	30.7	438
2	Intestinal commensal bacteria mediate lung mucosal immunity and promote resistance of newborn mice to infection. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	168
3	Single cell RNA analysis identifies cellular heterogeneity and adaptive responses of the lung at birth. <i>Nature Communications</i> , 2019, 10, 37.	12.8	165
4	Genotypic Characteristics of <i>Staphylococcus aureus</i> Isolates from a Multinational Trial of Complicated Skin and Skin Structure Infections. <i>Journal of Clinical Microbiology</i> , 2008, 46, 678-684.	3.9	134
5	Metalloproteinases Mediate Mucin 5AC Expression by Epidermal Growth Factor Receptor Activation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 305-314.	5.6	122
6	Critical Role of NOD2 in Regulating the Immune Response to <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2009, 77, 1376-1382.	2.2	119
7	Immunological Basis for Recurrent Fetal Loss and Pregnancy Complications. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2019, 14, 185-210.	22.4	112
8	Acrolein-Activated Matrix Metalloproteinase 9 Contributes to Persistent Mucin Production. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 446-454.	2.9	105
9	Novel <i>FOXF1</i> Mutations in Sporadic and Familial Cases of Alveolar Capillary Dysplasia with Misaligned Pulmonary Veins Imply a Role for its DNA Binding Domain. <i>Human Mutation</i> , 2013, 34, 801-811.	2.5	97
10	A census of the lung: CellCards from LungMAP. <i>Developmental Cell</i> , 2022, 57, 112-145.e2.	7.0	67
11	Two Genes on A/J Chromosome 18 Are Associated with Susceptibility to <i>Staphylococcus aureus</i> Infection by Combined Microarray and QTL Analyses. <i>PLoS Pathogens</i> , 2010, 6, e1001088.	4.7	61
12	Center Variation in Intestinal Microbiota Prior to Late-Onset Sepsis in Preterm Infants. <i>PLoS ONE</i> , 2015, 10, e0130604.	2.5	61
13	PKM2-dependent metabolic skewing of hepatic Th17 cells regulates pathogenesis of non-alcoholic fatty liver disease. <i>Cell Metabolism</i> , 2021, 33, 1187-1204.e9.	16.2	60
14	Insulin-like Growth Factor 1 Supports a Pulmonary Niche that Promotes Type 3 Innate Lymphoid Cell Development in Newborn Lungs. <i>Immunity</i> , 2020, 52, 275-294.e9.	14.3	50
15	Matrix Metalloproteinase-14 Mediates a Phenotypic Shift in the Airways to Increase Mucin Production. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 834-845.	5.6	48
16	The Role of Metallothionein in the Pathogenesis of Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 34, 73-82.	2.9	46
17	CD8+ T cells contribute to macrophage accumulation and airspace enlargement following repeated irritant exposure. <i>Experimental and Molecular Pathology</i> , 2007, 83, 301-310.	2.1	41
18	Dusp3 and Psme3 Are Associated with Murine Susceptibility to <i>Staphylococcus aureus</i> Infection and Human Sepsis. <i>PLoS Pathogens</i> , 2014, 10, e1004149.	4.7	28

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19	First reported case of infective endocarditis caused by community-acquired methicillin-resistant <i>Staphylococcus aureus</i> not associated with healthcare contact in Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2008, 12, 541-543.	0.6	20
20	Pulmonary Consequences of Prenatal Inflammatory Exposures: Clinical Perspective and Review of Basic Immunological Mechanisms. <i>Frontiers in Immunology</i> , 2020, 11, 1285.	4.8	20
21	The Impact of Maternal Antibiotics on Neonatal Disease. <i>Journal of Pediatrics</i> , 2018, 197, 97-103.e3.	1.8	19
22	The Promise and Peril of Natural Killer Cell Therapies in Pulmonary Infection. <i>Immunity</i> , 2020, 52, 887-889.	14.3	18
23	The balance between protective and pathogenic immune responses to pneumonia in the neonatal lung is enforced by gut microbiota. <i>Science Translational Medicine</i> , 2022, 14, .	12.4	17
24	Combined administration of anti-IL-13 and anti-IL-17A at individually sub-therapeutic doses limits asthma-like symptoms in a mouse model of Th2/Th17 high asthma. <i>Clinical and Experimental Allergy</i> , 2019, 49, 317-330.	2.9	16
25	Haplotype Association Mapping Identifies a Candidate Gene Region in Mice Infected With <i>Staphylococcus aureus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 693-700.	1.8	14
26	Surfactant protein C mutation links postnatal type 2 cell dysfunction to adult disease. <i>JCI Insight</i> , 2021, 6, .	5.0	11
27	Inflammatory blockade prevents injury to the developing pulmonary gas exchange surface in preterm primates. <i>Science Translational Medicine</i> , 2022, 14, eabl8574.	12.4	10
28	Candidate genes on murine chromosome 8 are associated with susceptibility to <i>Staphylococcus aureus</i> infection in mice and are involved with <i>Staphylococcus aureus</i> septicemia in humans. <i>PLoS ONE</i> , 2017, 12, e0179033.	2.5	5
29	The Use of Early Lung Biopsy in Detection of Fatal Pulmonary Disease in the Neonate. <i>Journal of Pediatrics</i> , 2014, 164, 934-936.	1.8	4
30	Early life antibiotic exposure and host health: Role of the microbiota-immune interaction. <i>Seminars in Perinatology</i> , 2020, 44, 151323.	2.5	4
31	Intermittent "bulge" in the umbilical cord. <i>Journal of Perinatology</i> , 2010, 30, 500-502.	2.0	3
32	In utero and post-natal development of the human lung and its defence mechanisms. , 2021, , 1-20.		2
33	A potent myeloid response is rapidly activated in the lungs of premature Rhesus macaques exposed to intra-uterine inflammation. <i>Mucosal Immunology</i> , 2022, 15, 730-744.	6.0	2
34	When Wheeze Leads to Squeeze. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 32, 366-366.	2.9	1
35	All on "CHIP" using microfluidics to study neutrophil ontogeny. <i>Translational Research</i> , 2017, 190, 1-3.	5.0	1
36	73The microbiota regulates neutrophil homeostasis and host resistance to <i>Escherichia coli</i> sepsis in neonates. <i>Open Forum Infectious Diseases</i> , 2014, 1, S1-S1.	0.9	0

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37	Maternal Exposure to Antibiotics Increases the Severity of Asthma in Offspring Mice. Journal of Allergy and Clinical Immunology, 2018, 141, AB226.	2.9	0
38	Airway emergency management in a pediatric hospital before and during the COVID-19 pandemic. International Journal of Pediatric Otorhinolaryngology, 2020, 139, 110458.	1.0	0
39	Educating the Innate Immune System. Blood, 2015, 126, SCI-28-SCI-28.	1.4	0
40	Editorial: Pulmonary Innate Lymphoid Cells - Gatekeepers of Respiratory Health. Frontiers in Immunology, 2022, 13, 871207.	4.8	0