

Anshu Agrawal

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,416
citations

236833

25
h-index

118793

62
g-index

73
all docs

73
docs citations

73
times ranked

5766
citing authors

#	ARTICLE	IF	CITATIONS
1	iPSC-Derived Human Microglia-like Cells to Study Neurological Diseases. <i>Neuron</i> , 2017, 94, 278-293.e9.	3.8	730
2	Cutting Edge: Different Toll-Like Receptor Agonists Instruct Dendritic Cells to Induce Distinct Th Responses via Differential Modulation of Extracellular Signal-Regulated Kinase-Mitogen-Activated Protein Kinase and c-Fos. <i>Journal of Immunology</i> , 2003, 171, 4984-4989.	0.4	704
3	A Toll-Like Receptor 2 Ligand Stimulates Th2 Responses In Vivo, via Induction of Extracellular Signal-Regulated Kinase Mitogen-Activated Protein Kinase and c-Fos in Dendritic Cells. <i>Journal of Immunology</i> , 2004, 172, 4733-4743.	0.4	415
4	Altered Innate Immune Functioning of Dendritic Cells in Elderly Humans: A Role of Phosphoinositide 3-Kinase-Signaling Pathway. <i>Journal of Immunology</i> , 2007, 178, 6912-6922.	0.4	358
5	Impairment of dendritic cells and adaptive immunity by anthrax lethal toxin. <i>Nature</i> , 2003, 424, 329-334.	13.7	282
6	Impact of aging on dendritic cell functions in humans. <i>Ageing Research Reviews</i> , 2011, 10, 336-345.	5.0	167
7	Increased Reactivity of Dendritic Cells from Aged Subjects to Self-Antigen, the Human DNA. <i>Journal of Immunology</i> , 2009, 182, 1138-1145.	0.4	141
8	Age-associated impaired plasmacytoid dendritic cell functions lead to decreased CD4 and CD8 T cell immunity. <i>Age</i> , 2011, 33, 363-376.	3.0	129
9	Role of Dendritic Cells in Inflammation and Loss of Tolerance in the Elderly. <i>Frontiers in Immunology</i> , 2017, 8, 896.	2.2	107
10	Biology of Dendritic Cells in Aging. <i>Journal of Clinical Immunology</i> , 2008, 28, 14-20.	2.0	103
11	Dendritic cells in human aging. <i>Experimental Gerontology</i> , 2007, 42, 421-426.	1.2	100
12	Biotin deficiency enhances the inflammatory response of human dendritic cells. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C386-C391.	2.1	86
13	Human Dendritic Cells Activated via Dectin-1 Are Efficient at Priming Th17, Cytotoxic CD8 T and B Cell Responses. <i>PLoS ONE</i> , 2010, 5, e13418.	1.1	74
14	Age-associated epigenetic modifications in human DNA increase its immunogenicity. <i>Ageing</i> , 2010, 2, 93-100.	1.4	74
15	Dendritic cells and aging: consequences for autoimmunity. <i>Expert Review of Clinical Immunology</i> , 2012, 8, 73-80.	1.3	70
16	Impaired secretion of interferons by dendritic cells from aged subjects to influenza. <i>Age</i> , 2013, 35, 1785-1797.	3.0	68
17	Mechanisms and Implications of Age-Associated Impaired Innate Interferon Secretion by Dendritic Cells: A Mini-Review. <i>Gerontology</i> , 2013, 59, 421-426.	1.4	51
18	Thimerosal induces TH2 responses via influencing cytokine secretion by human dendritic cells. <i>Journal of Leukocyte Biology</i> , 2007, 81, 474-482.	1.5	44

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19	Biotin Deficiency Induces Th1- and Th17-Mediated Proinflammatory Responses in Human CD4+ T Lymphocytes via Activation of the mTOR Signaling Pathway. <i>Journal of Immunology</i> , 2018, 200, 2563-2570.	0.4	42
20	Human neural stem cell-derived extracellular vesicles mitigate hallmarks of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 57.	3.0	39
21	PDGF upregulates CLEC-2 to induce T regulatory cells. <i>Oncotarget</i> , 2015, 6, 28621-28632.	0.8	36
22	Dendritic cells from aged subjects contribute to chronic airway inflammation by activating bronchial epithelial cells under steady state. <i>Mucosal Immunology</i> , 2014, 7, 1386-1394.	2.7	34
23	Dendritic cells from the elderly display an intrinsic defect in the production of IL-10 in response to Lithium Chloride. <i>Experimental Gerontology</i> , 2013, 48, 1285-1292.	1.2	32
24	High fructose-induced metabolic changes enhance inflammation in human dendritic cells. <i>Clinical and Experimental Immunology</i> , 2019, 197, 237-249.	1.1	31
25	Immune and Inflammatory Determinants Underlying Alzheimer's Disease Pathology. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 852-862.	2.1	31
26	Transcriptional Profiling of Age-Associated Gene Expression Changes in Human Circulatory CD1c+ Myeloid Dendritic Cell Subset. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 9-15.	1.7	29
27	Glia-Selective Deletion of Complement <i>C1q</i> Prevents Radiation-Induced Cognitive Deficits and Neuroinflammation. <i>Cancer Research</i> , 2021, 81, 1732-1744.	0.4	28
28	Retinoic acid treated human dendritic cells induce T regulatory cells via the expression of CD141 and GARP which is impaired with age. <i>Aging</i> , 2016, 8, 1223-1235.	1.4	27
29	Increased IL-21 secretion by aged CD4+T cells is associated with prolonged STAT-4 activation and CMV seropositivity. <i>Aging</i> , 2012, 4, 648-659.	1.4	25
30	Rapid isolation of circulating cancer associated fibroblasts by acoustic microstreaming for assessing metastatic propensity of breast cancer patients. <i>Lab on A Chip</i> , 2021, 21, 875-887.	3.1	22
31	Airway epithelial cells prime plasmacytoid dendritic cells to respond to pathogens via secretion of growth factors. <i>Mucosal Immunology</i> , 2019, 12, 77-84.	2.7	20
32	Dendritic Cell-Airway Epithelial Cell Cross-Talk Changes with Age and Contributes to Chronic Lung Inflammatory Diseases in the Elderly. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1206.	1.8	19
33	IgM response against amyloid-beta in aging: a potential peripheral protective mechanism. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 81.	3.0	18
34	Tamoxifen-induced, intestinal-specific deletion of <i>Slc5a6</i> in adult mice leads to spontaneous inflammation: involvement of NF- κ B, NLRP3, and gut microbiota. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G518-G530.	1.6	18
35	A novel kefir product (PFT) activates dendritic cells to induce CD4+T and CD8+T cell responses <i>in vitro</i> . <i>International Journal of Immunopathology and Pharmacology</i> , 2015, 28, 488-496.	1.0	17
36	Unique Type I Interferon, Expansion/Survival Cytokines, and JAK/STAT Gene Signatures of Multifunctional Herpes Simplex Virus-Specific Effector Memory CD8 + T EM Cells Are Associated with Asymptomatic Herpes in Humans. <i>Journal of Virology</i> , 2019, 93, .	1.5	17

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37	Vaccinia virus proteins activate human dendritic cells to induce T cell responses in vitro. <i>Vaccine</i> , 2009, 27, 88-92.	1.7	14
38	Alterations in Gene Array Patterns in Dendritic Cells from Aged Humans. <i>PLoS ONE</i> , 2014, 9, e106471.	1.1	14
39	Differential responses of human dendritic cells to metabolites from the oral/airway microbiome. <i>Clinical and Experimental Immunology</i> , 2017, 188, 371-379.	1.1	14
40	Vitamin C Enhances Antiviral Functions of Lung Epithelial Cells. <i>Biomolecules</i> , 2021, 11, 1148.	1.8	14
41	Human pregnancy levels of estrogen and progesterone contribute to humoral immunity by activating T _H 1/B cell axis. <i>European Journal of Immunology</i> , 2021, 51, 167-179.	1.6	13
42	Dendritic Cells from Aged Subjects Display Enhanced Inflammatory Responses to <i>Chlamydia pneumoniae</i> . <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	1.4	12
43	Transcriptome Analysis of Ovarian and Uterine Clear Cell Malignancies. <i>Frontiers in Oncology</i> , 2020, 10, 598579.	1.3	12
44	Patho-Physiology of Aging and Immune-Senescence: Possible Correlates With Comorbidity and Mortality in Middle-Aged and Old COVID-19 Patients. <i>Frontiers in Aging</i> , 2021, 2, .	1.2	12
45	Impact of IL-21-associated peripheral and brain crosstalk on the Alzheimer's disease neuropathology. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	11
46	Sex-Related Differences in Innate and Adaptive Immune Responses to SARS-CoV-2. <i>Frontiers in Immunology</i> , 2021, 12, 739757.	2.2	10
47	HCA519/TPX2: a potential T-cell tumor-associated antigen for human hepatocellular carcinoma. <i>OncoTargets and Therapy</i> , 2014, 7, 1061.	1.0	9
48	Airway epithelial cells enhance the immunogenicity of human myeloid dendritic cells under steady state. <i>Clinical and Experimental Immunology</i> , 2017, 189, 279-289.	1.1	9
49	Inhibition of TRPV1 Channel Activity in Human CD4+ T Cells by Nanodiamond and Nanoplatinum Liquid, DPV576. <i>Nanomaterials</i> , 2018, 8, 770.	1.9	9
50	Serum leptin levels correlate negatively with the capacity of vitamin D to modulate the in vitro cytokines production by CD4+ T cells in asthmatic patients. <i>Clinical Immunology</i> , 2019, 205, 93-105.	1.4	9
51	Nicotine Impairs the Response of Lung Epithelial Cells to IL-22. <i>Mediators of Inflammation</i> , 2020, 2020, 1-9.	1.4	9
52	Dietary Supplementation with Biobran/MGN-3 Increases Innate Resistance and Reduces the Incidence of Influenza-like Illnesses in Elderly Subjects: A Randomized, Double-Blind, Placebo-Controlled Pilot Clinical Trial. <i>Nutrients</i> , 2021, 13, 4133.	1.7	9
53	L-methionine enhances neuroinflammation and impairs neurogenesis: Implication for Alzheimer's disease. <i>Journal of Neuroimmunology</i> , 2022, 366, 577843.	1.1	9
54	Effect of Lipopolysaccharide and TNF α on Neuronal Ascorbic Acid Uptake. <i>Mediators of Inflammation</i> , 2021, 2021, 1-11.	1.4	7

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55	Age-related Defects in Ocular and Nasal Mucosal Immune System and the Immunopathology of Dry Eye Disease. <i>Ocular Immunology and Inflammation</i> , 2014, 24, 1-21.	1.0	6
56	Novel Vaccine Adjuvants. <i>BioMed Research International</i> , 2013, 2013, 1-2.	0.9	4
57	Effect of Nanodiamond and Nanoplatinum Liquid, DPV576, on Human Primary Keratinocytes. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 110-116.	0.5	4
58	Upregulation of Vitamin C Transporter Functional Expression in 5xFAD Mouse Intestine. <i>Nutrients</i> , 2021, 13, 617.	1.7	3
59	Inflammation & autoimmunity in human ageing: dendritic cells take a center stage. <i>Indian Journal of Medical Research</i> , 2013, 138, 711-6.	0.4	3
60	Altered Expression of NFκB in Ex Vivo Differentiated Dendritic Cells from the Aged Subjects: Implications in Immunotherapy. <i>Methods in Molecular Biology</i> , 2010, 621, 175-183.	0.4	2
61	Cancer Immunology and Immunotherapy. <i>BioMed Research International</i> , 2015, 2015, 1-2.	0.9	1
62	Role of Dendritic Cells in Aging. , 2018, , 1-15.		1
63	Role of Dendritic Cells in Aging. , 2009, , 499-509.		1
64	Vision for <i>Mediators of Inflammation</i>. <i>Mediators of Inflammation</i> , 2020, 2020, 1-1.	1.4	0
65	Differential activation of dendritic cells from aged and young subjects by human DNA. <i>FASEB Journal</i> , 2008, 22, 669.5.	0.2	0
66	Dendritic Cells and Dysregulated Immunity in the Elderly. , 2014, , 65-73.		0
67	Biotin deficiency induces Th1 and Th17 mediated inflammatory response in CD4+T lymphocytes via activation of mTOR signaling pathway. <i>FASEB Journal</i> , 2018, 32, 280.6.	0.2	0
68	The aggressive nature of prostate cancer of African Americans is correlated with massive downâ€regulation of many immunoregulatory genes of microenvironment. <i>FASEB Journal</i> , 2018, 32, 804.60.	0.2	0
69	Role of Dendritic Cells in Aging. , 2019, , 607-621.		0
70	Metabolites and growth factors produced by airway epithelial cells induce tolerance in macrophages. <i>Life Sciences</i> , 2022, 302, 120659.	2.0	0