Anshu Agrawal

List of Publications by Year
in descending order

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70	4,416	236833	118793
papers	citations	25 h-index	62 g-index

73	73	73	5766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	L-methionine enhances neuroinflammation and impairs neurogenesis: Implication for Alzheimer's disease. Journal of Neuroimmunology, 2022, 366, 577843.	1.1	9
2	Impact of IL-21-associated peripheral and brain crosstalk on the Alzheimerâ€™s disease neuropathology. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	11
3	Metabolites and growth factors produced by airway epithelial cells induce tolerance in macrophages. Life Sciences, 2022, 302, 120659.	2.0	0
4	Human pregnancy levels of estrogen and progesterone contribute to humoral immunity by activating T_{FH}/B cell axis. European Journal of Immunology, 2021, 51, 167-179.	1.6	13
5	Glia-Selective Deletion of Complement C1q Prevents Radiation-Induced Cognitive Deficits and Neuroinflammation. Cancer Research, 2021, 81, 1732-1744.	0.4	28
6	Rapid isolation of circulating cancer associated fibroblasts by acoustic microstreaming for assessing metastatic propensity of breast cancer patients. Lab on A Chip, 2021, 21, 875-887.	3.1	22
7	Upregulation of Vitamin C Transporter Functional Expression in 5xFAD Mouse Intestine. Nutrients, 2021, 13, 617.	1.7	3
8	Human neural stem cell-derived extracellular vesicles mitigate hallmarks of Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2021, 13, 57.	3.0	39
9	Effect of Lipopolysaccharide and TNFÎ± on Neuronal Ascorbic Acid Uptake. Mediators of Inflammation, 2021, 2021, 1-11.	1.4	7
10	Vitamin C Enhances Antiviral Functions of Lung Epithelial Cells. Biomolecules, 2021, 11, 1148.	1.8	14
11	Sex-Related Differences in Innate and Adaptive Immune Responses to SARS-CoV-2. Frontiers in Immunology, 2021, 12, 739757.	2.2	10
12	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. Nutrients, 2021, 13, 4133.	1.7	9
13	Patho-Physiology of Aging and Immune-Senescence: Possible Correlates With Comorbidity and Mortality in Middle-Aged and Old COVID-19 Patients. Frontiers in Aging, 2021, 2, .	1.2	12
14	Transcriptome Analysis of Ovarian and Uterine Clear Cell Malignancies. Frontiers in Oncology, 2020, 10, 598579.	1.3	12
15	Vision for Mediators of Inflammation. Mediators of Inflammation, 2020, 2020, 1-1.	1.4	0
16	Nicotine Impairs the Response of Lung Epithelial Cells to IL-22. Mediators of Inflammation, 2020, 2020, 1-9.	1.4	9
17	Immune and Inflammatory Determinants Underlying Alzheimerâ€™s Disease Pathology. Journal of NeuroImmune Pharmacology, 2020, 15, 852-862.	2.1	31
18	Transcriptional Profiling of Age-Associated Gene Expression Changes in Human Circulatory CD1c+ Myeloid Dendritic Cell Subset. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 9-15.	1.7	29

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19	Tamoxifen-induced, intestinal-specific deletion of Slc5a6 in adult mice leads to spontaneous inflammation: involvement of NF-Î°B, NLRP3, and gut microbiota. American Journal of Physiology - Renal Physiology, 2019, 317, G518-G530.	1.6	18
20	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. Clinical Immunology, 2019, 205, 93-105.	1.4	9
21	High fructose-induced metabolic changes enhance inflammation in human dendritic cells. Clinical and Experimental Immunology, 2019, 197, 237-249.	1.1	31
22	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. Journal of Virology, 2019, 93, .	1.5	17
23	Airway epithelial cells prime plasmacytoid dendritic cells to respond to pathogens via secretion of growth factors. Mucosal Immunology, 2019, 12, 77-84.	2.7	20
24	Role of Dendritic Cells in Aging. , 2019, , 607-621.		0
25	Biotin Deficiency Induces Th1- and Th17-Mediated Proinflammatory Responses in Human CD4+ T Lymphocytes via Activation of the mTOR Signaling Pathway. Journal of Immunology, 2018, 200, 2563-2570.	0.4	42
26	Inhibition of TRPV1 Channel Activity in Human CD4+ T Cells by Nanodiamond and Nanoplatinum Liquid, DPV576. Nanomaterials, 2018, 8, 770.	1.9	9
27	IgM response against amyloid-beta in aging: a potential peripheral protective mechanism. Alzheimer's Research and Therapy, 2018, 10, 81.	3.0	18
28	Role of Dendritic Cells in Aging. , 2018, , 1-15.		1
29	Biotin deficiency induces Th1 and Th17 mediated inflammatory response in CD4+T lymphocytes via activation of mTOR signaling pathway. FASEB Journal, 2018, 32, 280.6.	0.2	0
30	The aggressive nature of prostate cancer of African Americans is correlated with massive downâ€regulation of many immunoregulatory genes of microenvironment. FASEB Journal, 2018, 32, 804.60.	0.2	0
31	Differential responses of human dendritic cells to metabolites from the oral/airway microbiome. Clinical and Experimental Immunology, 2017, 188, 371-379.	1.1	14
32	iPSC-Derived Human Microglia-like Cells to Study Neurological Diseases. Neuron, 2017, 94, 278-293.e9.	3.8	730
33	Airway epithelial cells enhance the immunogenicity of human myeloid dendritic cells under steady state. Clinical and Experimental Immunology, 2017, 189, 279-289.	1.1	9
34	Role of Dendritic Cells in Inflammation and Loss of Tolerance in the Elderly. Frontiers in Immunology, 2017, 8, 896.	2.2	107
35	Dendritic Cell-Airway Epithelial Cell Cross-Talk Changes with Age and Contributes to Chronic Lung Inflammatory Diseases in the Elderly. International Journal of Molecular Sciences, 2017, 18, 1206.	1.8	19
36	Effect of Nanodiamond and Nanoplatinum Liquid, DPV576, on Human Primary Keratinocytes. Journal of Biomedical Nanotechnology, 2017, 13, 110-116.	0.5	4

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37	Biotin deficiency enhances the inflammatory response of human dendritic cells. American Journal of Physiology - Cell Physiology, 2016, 311, C386-C391.	2.1	86
38	Retinoic acid treated human dendritic cells induce T regulatory cells via the expression of CD141 and GARP which is impaired with age. Aging, 2016, 8, 1223-1235.	1.4	27
39	Cancer Immunology and Immunotherapy. BioMed Research International, 2015, 2015, 1-2.	0.9	1
40	A novel kefir product (PFT) activates dendritic cells to induce CD4+T and CD8+T cell responses in vitro. International Journal of Immunopathology and Pharmacology, 2015, 28, 488-496.	1.0	17
41	PDGF upregulates CLEC-2 to induce T regulatory cells. Oncotarget, 2015, 6, 28621-28632.	0.8	36
42	Alterations in Gene Array Patterns in Dendritic Cells from Aged Humans. PLoS ONE, 2014, 9, e106471.	1.1	14
43	HCA519/TPX2: a potential T-cell tumor-associated antigen for human hepatocellular carcinoma. OncoTargets and Therapy, 2014, 7, 1061.	1.0	9
44	Dendritic cells from aged subjects contribute to chronic airway inflammation by activating bronchial epithelial cells under steady state. Mucosal Immunology, 2014, 7, 1386-1394.	2.7	34
45	Dendritic Cells from Aged Subjects Display Enhanced Inflammatory Responses toChlamydophila pneumoniae. Mediators of Inflammation, 2014, 2014, 1-11.	1.4	12
46	Age-related Defects in Ocular and Nasal Mucosal Immune System and the Immunopathology of Dry Eye Disease. Ocular Immunology and Inflammation, 2014, 24, 1-21.	1.0	6
47	Dendritic Cells and Dysregulated Immunity in the Elderly. , 2014, , 65-73.		0
48	Impaired secretion of interferons by dendritic cells from aged subjects to influenza. Age, 2013, 35, 1785-1797.	3.0	68
49	Dendritic cells from the elderly display an intrinsic defect in the production of IL-10 in response to Lithium Chloride. Experimental Gerontology, 2013, 48, 1285-1292.	1.2	32
50	Mechanisms and Implications of Age-Associated Impaired Innate Interferon Secretion by Dendritic Cells: A Mini-Review. Gerontology, 2013, 59, 421-426.	1.4	51
51	Novel Vaccine Adjuvants. BioMed Research International, 2013, 2013, 1-2.	0.9	4
52	Inflammation & autoimmunity in human ageing: dendritic cells take a center stage. Indian Journal of Medical Research, 2013, 138, 711-6.	0.4	3
53	Dendritic cells and aging: consequences for autoimmunity. Expert Review of Clinical Immunology, 2012, 8, 73-80.	1.3	70
54	Increased IL-21 secretion by aged CD4+T cells is associated with prolonged STAT-4 activation and CMV seropositivity. Aging, 2012, 4, 648-659.	1.4	25

#	Article	IF	Citations
55	Impact of aging on dendritic cell functions in humans. Ageing Research Reviews, 2011, 10, 336-345.	5.0	167
56	Age-associated impaired plasmacytoid dendritic cell functions lead to decreased CD4 and CD8 T cell immunity. Age, 2011, 33, 363-376.	3.0	129
57	Human Dendritic Cells Activated via Dectin-1 Are Efficient at Priming Th17, Cytotoxic CD8 T and B Cell Responses. PLoS ONE, 2010, 5, e13418.	1.1	74
58	Altered Expression of NFkB in Ex Vivo Differentiated Dendritic Cells from the Aged Subjects: Implications in Immunotherapy. Methods in Molecular Biology, 2010, 621, 175-183.	0.4	2
59	Age-associated epigenetic modifications in human DNA increase its immunogenicity. Aging, 2010, 2, 93-100.	1.4	74
60	Increased Reactivity of Dendritic Cells from Aged Subjects to Self-Antigen, the Human DNA. Journal of Immunology, 2009, 182, 1138-1145.	0.4	141
61	Vaccinia virus proteins activate human dendritic cells to induce T cell responses in vitro. Vaccine, 2009, 27, 88-92.	1.7	14
62	Role of Dendritic Cells in Aging. , 2009, , 499-509.		1
63	Biology of Dendritic Cells in Aging. Journal of Clinical Immunology, 2008, 28, 14-20.	2.0	103
64	Differential activation of dendritic cells from aged and young subjects by human DNA. FASEB Journal, 2008, 22, 669.5.	0.2	0
65	Altered Innate Immune Functioning of Dendritic Cells in Elderly Humans: A Role of Phosphoinositide 3-Kinase-Signaling Pathway. Journal of Immunology, 2007, 178, 6912-6922.	0.4	358
66	Thimerosal induces TH2 responses via influencing cytokine secretion by human dendritic cells. Journal of Leukocyte Biology, 2007, 81, 474-482.	1.5	44
67	Dendritic cells in human aging. Experimental Gerontology, 2007, 42, 421-426.	1.2	100
68	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. Journal of Immunology, 2004, 172, 4733-4743.	0.4	415
69	Impairment of dendritic cells and adaptive immunity by anthrax lethal toxin. Nature, 2003, 424, 329-334.	13.7	282
70	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. Journal of Immunology, 2003, 171, 4984-4989.	0.4	704