

Anshu Agrawal

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,416
citations

236925

25
h-index

118850

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. | 8.1 | 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. | 0.8 | 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. | 0.8 | 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. | 0.8 | 358 |
| 5 | Impairment of dendritic cells and adaptive immunity by anthrax lethal toxin. <i>Nature</i> , 2003, 424, 329-334. | 27.8 | 282 |
| 6 | Impact of aging on dendritic cell functions in humans. <i>Ageing Research Reviews</i> , 2011, 10, 336-345. | 10.9 | 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. | 0.8 | 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. | 4.8 | 107 |
| 10 | Biology of Dendritic Cells in Aging. <i>Journal of Clinical Immunology</i> , 2008, 28, 14-20. | 3.8 | 103 |
| 11 | Dendritic cells in human aging. <i>Experimental Gerontology</i> , 2007, 42, 421-426. | 2.8 | 100 |
| 12 | Biotin deficiency enhances the inflammatory response of human dendritic cells. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C386-C391. | 4.6 | 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. | 2.5 | 74 |
| 14 | Age-associated epigenetic modifications in human DNA increase its immunogenicity. <i>Ageing</i> , 2010, 2, 93-100. | 3.1 | 74 |
| 15 | Dendritic cells and aging: consequences for autoimmunity. <i>Expert Review of Clinical Immunology</i> , 2012, 8, 73-80. | 3.0 | 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. | 2.8 | 51 |
| 18 | Thimerosal induces TH2 responses via influencing cytokine secretion by human dendritic cells. <i>Journal of Leukocyte Biology</i> , 2007, 81, 474-482. | 3.3 | 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. | 0.8 | 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. | 6.2 | 39 |
| 21 | PDGF upregulates CLEC-2 to induce T regulatory cells. <i>Oncotarget</i> , 2015, 6, 28621-28632. | 1.8 | 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. | 6.0 | 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. | 2.8 | 32 |
| 24 | High fructose-induced metabolic changes enhance inflammation in human dendritic cells. <i>Clinical and Experimental Immunology</i> , 2019, 197, 237-249. | 2.6 | 31 |
| 25 | Immune and Inflammatory Determinants Underlying Alzheimer's Disease Pathology. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 852-862. | 4.1 | 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. | 3.6 | 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. | 0.9 | 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. | 3.1 | 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. | 3.1 | 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. | 6.0 | 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. | 6.0 | 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. | 4.1 | 19 |
| 33 | IgM response against amyloid-beta in aging: a potential peripheral protective mechanism. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 81. | 6.2 | 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. | 3.4 | 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. | 2.1 | 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, . | 3.4 | 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. | 3.8 | 14 |
| 38 | Alterations in Gene Array Patterns in Dendritic Cells from Aged Humans. <i>PLoS ONE</i> , 2014, 9, e106471. | 2.5 | 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. | 2.6 | 14 |
| 40 | Vitamin C Enhances Antiviral Functions of Lung Epithelial Cells. <i>Biomolecules</i> , 2021, 11, 1148. | 4.0 | 14 |
| 41 | Human pregnancy levels of estrogen and progesterone contribute to humoral immunity by activating T _H cell axis. <i>European Journal of Immunology</i> , 2021, 51, 167-179. | 2.9 | 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. | 3.0 | 12 |
| 43 | Transcriptome Analysis of Ovarian and Uterine Clear Cell Malignancies. <i>Frontiers in Oncology</i> , 2020, 10, 598579. | 2.8 | 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, . | 2.6 | 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, . | 5.4 | 11 |
| 46 | Sex-Related Differences in Innate and Adaptive Immune Responses to SARS-CoV-2. <i>Frontiers in Immunology</i> , 2021, 12, 739757. | 4.8 | 10 |
| 47 | HCA519/TPX2: a potential T-cell tumor-associated antigen for human hepatocellular carcinoma. <i>OncoTargets and Therapy</i> , 2014, 7, 1061. | 2.0 | 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. | 2.6 | 9 |
| 49 | Inhibition of TRPV1 Channel Activity in Human CD4+ T Cells by Nanodiamond and Nanoplatinum Liquid, DPV576. <i>Nanomaterials</i> , 2018, 8, 770. | 4.1 | 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. | 3.2 | 9 |
| 51 | Nicotine Impairs the Response of Lung Epithelial Cells to IL-22. <i>Mediators of Inflammation</i> , 2020, 2020, 1-9. | 3.0 | 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. | 4.1 | 9 |
| 53 | L-methionine enhances neuroinflammation and impairs neurogenesis: Implication for Alzheimer's disease. <i>Journal of Neuroimmunology</i> , 2022, 366, 577843. | 2.3 | 9 |
| 54 | Effect of Lipopolysaccharide and TNF α on Neuronal Ascorbic Acid Uptake. <i>Mediators of Inflammation</i> , 2021, 2021, 1-11. | 3.0 | 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. | 1.8 | 6 |
| 56 | Novel Vaccine Adjuvants. <i>BioMed Research International</i> , 2013, 2013, 1-2. | 1.9 | 4 |
| 57 | Effect of Nanodiamond and Nanoplatinum Liquid, DPV576, on Human Primary Keratinocytes. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 110-116. | 1.1 | 4 |
| 58 | Upregulation of Vitamin C Transporter Functional Expression in 5xFAD Mouse Intestine. <i>Nutrients</i> , 2021, 13, 617. | 4.1 | 3 |
| 59 | Inflammation & autoimmunity in human ageing: dendritic cells take a center stage. <i>Indian Journal of Medical Research</i> , 2013, 138, 711-6. | 1.0 | 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. | 0.9 | 2 |
| 61 | Cancer Immunology and Immunotherapy. <i>BioMed Research International</i> , 2015, 2015, 1-2. | 1.9 | 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. | 3.0 | 0 |
| 65 | Differential activation of dendritic cells from aged and young subjects by human DNA. <i>FASEB Journal</i> , 2008, 22, 669.5. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 4.3 | 0 |