

Vishwa Deep Dixit

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

4,705
citations

304743

22
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

7867
citing authors

#	ARTICLE	IF	CITATIONS
1	The ketone metabolite β -hydroxybutyrate blocks NLRP3 inflammasome-mediated inflammatory disease. <i>Nature Medicine</i> , 2015, 21, 263-269.	30.7	1,400
2	Canonical Nlrp3 Inflammasome Links Systemic Low-Grade Inflammation to Functional Decline in Aging. <i>Cell Metabolism</i> , 2013, 18, 519-532.	16.2	494
3	Adipose Tissue Macrophages Promote Myelopoiesis and Monocytosis in Obesity. <i>Cell Metabolism</i> , 2014, 19, 821-835.	16.2	395
4	Immunological complications of obesity. <i>Nature Immunology</i> , 2012, 13, 707-712.	14.5	382
5	Inflammasome-driven catecholamine catabolism in macrophages blunts lipolysis during ageing. <i>Nature</i> , 2017, 550, 119-123.	27.8	329
6	β -Hydroxybutyrate Deactivates Neutrophil NLRP3 Inflammasome to Relieve Gout Flares. <i>Cell Reports</i> , 2017, 18, 2077-2087.	6.4	271
7	Drivers of age-related inflammation and strategies for healthspan extension. <i>Immunological Reviews</i> , 2015, 265, 63-74.	6.0	217
8	IGF1 Shapes Macrophage Activation in Response to Immunometabolic Challenge. <i>Cell Reports</i> , 2017, 19, 225-234.	6.4	150
9	Aging Induces an Nlrp3 Inflammasome-Dependent Expansion of Adipose B Cells That Impairs Metabolic Homeostasis. <i>Cell Metabolism</i> , 2019, 30, 1024-1039.e6.	16.2	125
10	Caloric restriction in humans reveals immunometabolic regulators of health span. <i>Science</i> , 2022, 375, 671-677.	12.6	118
11	Ketogenesis activates metabolically protective β T cells in visceral adipose tissue. <i>Nature Metabolism</i> , 2020, 2, 50-61.	11.9	107
12	Ketogenic diet activates protective β T cell responses against influenza virus infection. <i>Science Immunology</i> , 2019, 4, .	11.9	98
13	Prolongevity hormone FGF21 protects against immune senescence by delaying age-related thymic involution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1026-1031.	7.1	91
14	Growth Hormone Receptor Deficiency Protects against Age-Related NLRP3 Inflammasome Activation and Immune Senescence. <i>Cell Reports</i> , 2016, 14, 1571-1580.	6.4	77
15	Dietary Regulation of Immunity. <i>Immunity</i> , 2020, 53, 510-523.	14.3	64
16	Pathogenesis of hypothyroidism-induced NAFLD is driven by intra- and extrahepatic mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9172-E9180.	7.1	52
17	Desmosterol suppresses macrophage inflammasome activation and protects against vascular inflammation and atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	50
18	Anti-inflammatory effects of oestrogen mediate the sexual dimorphic response to lipid-induced insulin resistance. <i>Journal of Physiology</i> , 2019, 597, 3885-3903.	2.9	48

#	ARTICLE	IF	CITATIONS
19	IL-33 causes thermogenic failure in aging by expanding dysfunctional adipose ILC2. <i>Cell Metabolism</i> , 2021, 33, 2277-2287.e5.	16.2	42
20	Adiponectin preserves metabolic fitness during aging. <i>ELife</i> , 2021, 10, .	6.0	37
21	Ketogenic diet restrains aging-induced exacerbation of coronavirus infection in mice. <i>ELife</i> , 2021, 10, .	6.0	37
22	Enhanced epigenetic profiling of classical human monocytes reveals a specific signature of healthy aging in the DNA methylome. <i>Nature Aging</i> , 2021, 1, 124-141.	11.6	30
23	Loss of Nucleobindin-2 Causes Insulin Resistance in Obesity without Impacting Satiety or Adiposity. <i>Cell Reports</i> , 2018, 24, 1085-1092.e6.	6.4	21
24	A review of the biomedical innovations for healthy longevity. <i>Aging</i> , 2017, 9, 7-25.	3.1	18
25	Inactivation of C/ebp Homologous Protein-driven Immune-Metabolic Interactions Exacerbate Obesity and Adipose Tissue Leukocytosis. <i>Journal of Biological Chemistry</i> , 2014, 289, 14045-14055.	3.4	14
26	Bone Marrow: An Immunometabolic Refuge during Energy Depletion. <i>Cell Metabolism</i> , 2019, 30, 621-623.	16.2	13
27	Carnitine acetyltransferase (CRAT) expression in macrophages is dispensable for nutrient stress sensing and inflammation. <i>Molecular Metabolism</i> , 2017, 6, 219-225.	6.5	7
28	Energy Sparing Orexigenic Inflammation of Obesity. <i>Cell Metabolism</i> , 2017, 26, 10-12.	16.2	5
29	Gaining Weight: Insulin-Eating Islet Macrophages. <i>Immunity</i> , 2019, 50, 13-15.	14.3	4
30	Editorial: "Crowning" eosinophils in adipose tissue: does location matter?. <i>Journal of Leukocyte Biology</i> , 2015, 98, 451-452.	3.3	3