

Dietmar Herndler-Brandstetter

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,553
citations

218592

26
h-index

289141

40
g-index

42
all docs

42
docs citations

42
times ranked

6463
citing authors

#	ARTICLE	IF	CITATIONS
1	Biology of Immune Responses to Vaccines in Elderly Persons. <i>Clinical Infectious Diseases</i> , 2008, 46, 1078-1084.	2.9	354
2	miRâ€17, miRâ€19b, miRâ€20a, and miRâ€106a are downâ€regulated in human aging. <i>Aging Cell</i> , 2010, 9, 291-296.	6.0	338
3	Long-Term Cytomegalovirus Infection Leads to Significant Changes in the Composition of the CD8+ T-Cell Repertoire, Which May Be the Basis for an Imbalance in the Cytokine Production Profile in Elderly Persons. <i>Journal of Virology</i> , 2005, 79, 3675-3683.	1.5	325
4	KLRG1+ Effector CD8+ T Cells Lose KLRG1, Differentiate into All Memory T Cell Lineages, and Convey Enhanced Protective Immunity. <i>Immunity</i> , 2018, 48, 716-729.e8.	6.6	300
5	Anti-SIRPÎ± antibody immunotherapy enhances neutrophil and macrophage antitumor activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10578-E10585.	3.3	223
6	Hematopoietic Stem Cell Niches Produce Lineage-Instructive Signals to Control Multipotent Progenitor Differentiation. <i>Immunity</i> , 2016, 45, 1219-1231.	6.6	199
7	Gain and Loss of T Cell Subsets in Old Ageâ€”Age-Related Reshaping of the T Cell Repertoire. <i>Journal of Clinical Immunology</i> , 2011, 31, 137-146.	2.0	163
8	Humanized mouse model supports development, function, and tissue residency of human natural killer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9626-E9634.	3.3	138
9	Age-related changes in immunity: implications for vaccination in the elderly. <i>Expert Reviews in Molecular Medicine</i> , 2007, 9, 1-17.	1.6	131
10	Persistent viral infections and immune aging. <i>Ageing Research Reviews</i> , 2011, 10, 362-369.	5.0	129
11	IL-6 secretion in osteoarthritis patients is mediated by chondrocyte-synovial fibroblast cross-talk and is enhanced by obesity. <i>Scientific Reports</i> , 2017, 7, 3451.	1.6	107
12	Human Bone Marrow Hosts Polyfunctional Memory CD4+ and CD8+ T Cells with Close Contact to IL-15â€Producing Cells. <i>Journal of Immunology</i> , 2011, 186, 6965-6971.	0.4	95
13	The NADPH oxidase Nox4 restricts the replicative lifespan of human endothelial cells. <i>Biochemical Journal</i> , 2009, 423, 363-374.	1.7	87
14	The capacity of the TNF family members 4â€BBL, OX40L, CD70, GITRL, CD30L and LIGHT to costimulate human T cells. <i>European Journal of Immunology</i> , 2008, 38, 2678-2688.	1.6	86
15	Partial uncoupling of oxidative phosphorylation induces premature senescence in human fibroblasts and yeast mother cells. <i>Free Radical Biology and Medicine</i> , 2007, 43, 947-958.	1.3	82
16	CD58/CD2 Is the Primary Costimulatory Pathway in Human CD28â€CD8+ T Cells. <i>Journal of Immunology</i> , 2015, 195, 477-487.	0.4	79
17	Upregulation of miRâ€24 is associated with a decreased DNA damage response upon etoposide treatment in highly differentiated CD8⁺ T cells sensitizing them to apoptotic cell death. <i>Aging Cell</i> , 2012, 11, 579-587.	3.0	78
18	The impact of aging on memory T cell phenotype and function in the human bone marrow. <i>Journal of Leukocyte Biology</i> , 2011, 91, 197-205.	1.5	77

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19	CD25-Expressing CD8+ T Cells Are Potent Memory Cells in Old Age. <i>Journal of Immunology</i> , 2005, 175, 1566-1574.	0.4	74
20	Identification of evolutionarily conserved genetic regulators of cellular aging. <i>Aging Cell</i> , 2010, 9, 1084-1097.	3.0	57
21	Microarray analysis reveals similarity between CD8+CD28 ^{hi} T cells from young and elderly persons, but not of CD8+CD28 ^{lo} T cells. <i>Biogerontology</i> , 2009, 10, 191-202.	2.0	40
22	Age-related appearance of a CMV-specific high-avidity CD8+ T cell clonotype which does not occur in young adults. <i>Immunity and Ageing</i> , 2008, 5, 14.	1.8	39
23	A GATA6-centred gene regulatory network involving HNFs and β 63 controls plasticity and immune escape in pancreatic cancer. <i>Gut</i> , 2022, 71, 766-777.	6.1	38
24	Report from the second cytomegalovirus and immunosenescence workshop. <i>Immunity and Ageing</i> , 2011, 8, 10.	1.8	35
25	Structure-Activity Relationships of Triple-Action Platinum(IV) Prodrugs with Albumin-Binding Properties and Immunomodulating Ligands. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12132-12151.	2.9	34
26	How to Define Biomarkers of Human T Cell Aging and Immunocompetence?. <i>Frontiers in Immunology</i> , 2013, 4, 136.	2.2	32
27	Modulating HIV-1 envelope glycoprotein conformation to decrease the HIV-1 reservoir. <i>Cell Host and Microbe</i> , 2021, 29, 904-916.e6.	5.1	29
28	Producing GM-CSF: a unique T helper subset?. <i>Cell Research</i> , 2014, 24, 1379-1380.	5.7	26
29	IDO1+ Paneth cells promote immune escape of colorectal cancer. <i>Communications Biology</i> , 2020, 3, 252.	2.0	26
30	Immunizations in the elderly: do they live up to their promise?. <i>Wiener Medizinische Wochenschrift</i> , 2006, 156, 130-141.	0.5	22
31	Post-thymic regulation of CD5 levels in human memory T cells is inversely associated with the strength of responsiveness to interleukin-15. <i>Human Immunology</i> , 2011, 72, 627-631.	1.2	22
32	CD28 ^{hi} CD8+ T cells do not contain unique clonotypes and are therefore dispensable. <i>Immunology Letters</i> , 2009, 127, 27-32.	1.1	20
33	Non-regulatory CD8 ⁺ CD45RO ⁺ CD25 ⁺ T-lymphocytes may compensate for the loss of antigen-inexperienced CD8 ⁺ CD45RA ⁺ T-cells in old age. <i>Biological Chemistry</i> , 2008, 389, 561-568.	1.2	17
34	Immunodominant peptides from conserved influenza proteins – A tool for more efficient vaccination in the elderly?. <i>Wiener Medizinische Wochenschrift</i> , 2007, 157, 116-121.	0.5	10
35	How Aging Affects T Lymphocyte-Mediated Immunity. <i>Frontiers in Immunology</i> , 2013, 4, 296.	2.2	10
36	Bone marrow T cells from the femur are similar to iliac crest derived cells in old age and represent a useful tool for studying the aged immune system. <i>Immunity and Ageing</i> , 2013, 10, 17.	1.8	9

#	ARTICLE	IF	CITATIONS
37	Development of Humanized Mouse Models for Studying Human NK Cells in Health and Disease. <i>Methods in Molecular Biology</i> , 2022, 2463, 53-66.	0.4	8
38	The Aging of the Adaptive Immune System. <i>Current Immunology Reviews</i> , 2011, 7, 94-103.	1.2	6
39	Cytomegalovirus and the immune system in old age. <i>Clinical and Applied Immunology Reviews</i> , 2006, 6, 131-147.	0.4	5
40	CD4 ⁺ CD8 ⁺ cells in young and elderly humans. Comment on Macchia I, Gauduin MC, Kaur A, Johnson RP. Expression of CD8 ⁺ identifies a distinct subset of effector memory CD4 ⁺ T lymphocytes. <i>Immunology</i> 2006; 119:232-42. <i>Immunology</i> , 2007, 120, 292-294.	2.0	3
41	The Efficacy of Vaccines to Prevent Infectious Diseases in the Elderly. , 2007, , 106-120.		0
42	How the Aging Process Affects Our Immune System: Mechanisms, Consequences, and Perspectives for Intervention. <i>International Perspectives on Aging</i> , 2014, , 55-69.	0.2	0