

Helle Bruunsgaard

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

9,789
citations

53794

45
h-index

36028

97
g-index

114
all docs

114
docs citations

114
times ranked

11912
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammatory mediators in the elderly. <i>Experimental Gerontology</i> , 2004, 39, 687-699.	2.8	799
2	Aging and proinflammatory cytokines. <i>Current Opinion in Hematology</i> , 2001, 8, 131-136.	2.5	593
3	Brain-derived neurotrophic factor (BDNF) and type 2 diabetes. <i>Diabetologia</i> , 2007, 50, 431-438.	6.3	571
4	Brain-derived neurotrophic factor is produced by skeletal muscle cells in response to contraction and enhances fat oxidation via activation of AMP-activated protein kinase. <i>Diabetologia</i> , 2009, 52, 1409-1418.	6.3	535
5	Age-related inflammatory cytokines and disease. <i>Immunology and Allergy Clinics of North America</i> , 2003, 23, 15-39.	1.9	504
6	A High Plasma Concentration of TNF- α Is Associated With Dementia in Centenarians. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 1999, 54, M357-M364.	3.6	410
7	Exercise-induced increase in serum interleukin-6 in humans is related to muscle damage.. <i>Journal of Physiology</i> , 1997, 499, 833-841.	2.9	333
8	Ageing, tumour necrosis factor-alpha (TNF- α) and atherosclerosis. <i>Clinical and Experimental Immunology</i> , 2008, 121, 255-260.	2.6	328
9	Physical activity and modulation of systemic low-level inflammation. <i>Journal of Leukocyte Biology</i> , 2005, 78, 819-835.	3.3	325
10	Circulating levels of TNF-alpha and IL-6-relation to truncal fat mass and muscle mass in healthy elderly individuals and in patients with type-2 diabetes. <i>Mechanisms of Ageing and Development</i> , 2003, 124, 495-502.	4.6	288
11	BDNF is a novel marker of cognitive function in ageing women: The DR TM s EXTRA Study. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 596-603.	1.9	282
12	Elevated levels of tumor necrosis factor alpha and mortality in centenarians. <i>American Journal of Medicine</i> , 2003, 115, 278-283.	1.5	270
13	Predicting death from tumour necrosis factor-alpha and interleukin-6 in 80-year-old people. <i>Clinical and Experimental Immunology</i> , 2003, 132, 24-31.	2.6	238
14	Role of exercise-induced brain-derived neurotrophic factor production in the regulation of energy homeostasis in mammals. <i>Experimental Physiology</i> , 2009, 94, 1153-1160.	2.0	217
15	The cytokine response to strenuous exercise. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998, 76, 505-511.	1.4	191
16	Cytokine response to eccentric exercise in young and elderly humans. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C289-C295.	4.6	171
17	Low-dose endotoxemia and human neuropsychological functions. <i>Brain, Behavior, and Immunity</i> , 2005, 19, 453-460.	4.1	159
18	Strenuous exercise decreases the percentage of type 1 T cells in the circulation. <i>Journal of Applied Physiology</i> , 2001, 91, 1708-1712.	2.5	148

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19	Elderly Humans Show Prolonged In Vivo Inflammatory Activity during Pneumococcal Infections. <i>Journal of Infectious Diseases</i> , 1999, 180, 551-554.	4.0	147
20	Impaired production of proinflammatory cytokines in response to lipopolysaccharide (LPS) stimulation in elderly humans. <i>Clinical and Experimental Immunology</i> , 1999, 118, 235-241.	2.6	137
21	Is ageing associated with a shift in the balance between Type 1 and Type 2 cytokines in humans?. <i>Clinical and Experimental Immunology</i> , 2002, 127, 107-114.	2.6	131
22	Exercise-Induced Immunomodulation - Possible Roles of Neuroendocrine and Metabolic Factors. <i>International Journal of Sports Medicine</i> , 1997, 18, S2-S7.	1.7	125
23	Ageing Is Associated with a Prolonged Fever Response in Human Endotoxemia. <i>Vaccine Journal</i> , 2001, 8, 333-338.	2.6	124
24	The cytokine response to strenuous exercise. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998, 76, 505-511.	1.4	124
25	How Physical Exercise Influences the Establishment of Infections. <i>Sports Medicine</i> , 1995, 19, 393-400.	6.5	113
26	In vivo cell-mediated immunity and vaccination response following prolonged, intense exercise. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 1176-1181.	0.4	102
27	Possible beneficial role of exercise in modulating low-grade inflammation in the elderly. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2003, 13, 56-62.	2.9	99
28	Decreased natural killer cell activity is associated with atherosclerosis in elderly humans. <i>Experimental Gerontology</i> , 2001, 37, 127-136.	2.8	90
29	Prolonged exercise, lymphocyte apoptosis and F2-isoprostanes. <i>European Journal of Applied Physiology</i> , 2002, 87, 38-42.	2.5	89
30	Muscle Strength After Resistance Training Is Inversely Correlated with Baseline Levels of Soluble Tumor Necrosis Factor Receptors in the Oldest Old. <i>Journal of the American Geriatrics Society</i> , 2004, 52, 237-241.	2.6	89
31	Copenhagen Aging and Midlife Biobank (CAMB). <i>Journal of Aging and Health</i> , 2014, 26, 5-20.	1.7	84
32	Cryopreserved Off-the-Shelf Allogeneic Adipose-Derived Stromal Cells for Therapy in Patients with Ischemic Heart Disease and Heart Failure—A Safety Study. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1963-1971.	3.3	80
33	Effects of tumor necrosis factor-alpha and interleukin-6 in elderly populations. <i>European Cytokine Network</i> , 2002, 13, 389-91.	2.0	79
34	Cytokines in Aging and Exercise. <i>International Journal of Sports Medicine</i> , 2000, 21, 4-9.	1.7	77
35	Cardiorespiratory fitness and the metabolic syndrome: Roles of inflammation and abdominal obesity. <i>PLoS ONE</i> , 2018, 13, e0194991.	2.5	77
36	Effects of exercise on the immune system in the elderly population. <i>Immunology and Cell Biology</i> , 2000, 78, 523-531.	2.3	70

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37	Pneumococcal Infections in Humans Are Associated with Increased Apoptosis and Trafficking of Type 1 Cytokine-Producing T Cells. <i>Infection and Immunity</i> , 2002, 70, 5019-5025.	2.2	66
38	Clinical Progression of HIV Infection: Role of NK Cells. <i>Scandinavian Journal of Immunology</i> , 1997, 46, 91-95.	2.7	64
39	Long-Term Combined Supplementations with α -Tocopherol and Vitamin C Have No Detectable Anti-Inflammatory Effects in Healthy Men. <i>Journal of Nutrition</i> , 2003, 133, 1170-1173.	2.9	63
40	Brain-Derived Neurotrophic Factor Predicts Mortality Risk in Older Women. <i>Journal of the American Geriatrics Society</i> , 2009, 57, 1447-1452.	2.6	62
41	Prognostic impact of hs-CRP and IL-6 in patients with persistent atrial fibrillation treated with electrical cardioversion. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009, 69, 425-432.	1.2	58
42	Exercise induces recruitment of lymphocytes with an activated phenotype and short telomeres in young and elderly humans. <i>Life Sciences</i> , 1999, 65, 2623-2633.	4.3	54
43	High serum YKL-40 level in a cohort of octogenarians is associated with increased risk of all-cause mortality. <i>Clinical and Experimental Immunology</i> , 2008, 151, 260-266.	2.6	54
44	The IL-6 $\text{rs}174\text{G} > \text{C}$ polymorphism is associated with cardiovascular diseases and mortality in 80-year-old humans. <i>Experimental Gerontology</i> , 2004, 39, 255-261.	2.8	48
45	Early life adversity potentiates the effects of later life stress on cumulative physiological dysregulation. <i>Anxiety, Stress and Coping</i> , 2015, 28, 372-390.	2.9	48
46	Self-rated health in individuals with and without disease is associated with multiple biomarkers representing multiple biological domains. <i>Scientific Reports</i> , 2021, 11, 6139.	3.3	48
47	Low plasma level of adiponectin is associated with stavudine treatment and lipodystrophy in HIV-infected patients. <i>Clinical and Experimental Immunology</i> , 2004, 135, 273-279.	2.6	44
48	Cohort Profile: The Copenhagen Aging and Midlife Biobank (CAMB). <i>International Journal of Epidemiology</i> , 2016, 45, dyv149.	1.9	44
49	TNF- α , leptin, and lymphocyte function in human aging. <i>Life Sciences</i> , 2000, 67, 2721-2731.	4.3	43
50	Plasma YKL-40, a new biomarker for atrial fibrillation?. <i>Europace</i> , 2009, 11, 1032-1036.	1.7	42
51	Prognostic impact of hs-CRP and IL-6 in patients undergoing radiofrequency catheter ablation for atrial fibrillation. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 285-291.	1.2	42
52	Factors associated with anti-human leukocyte antigen antibodies in patients supported with continuous-flow devices and effect on probability of transplant and post-transplant outcomes. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 685-692.	0.6	42
53	The Tumor Necrosis Factor Alpha $\text{rs}308\text{G} > \text{A}$ Polymorphism Is Associated with Dementia in the Oldest Old. <i>Journal of the American Geriatrics Society</i> , 2004, 52, 1361-1366.	2.6	40
54	Exercise and the immune system - influence of nutrition and ageing. <i>Journal of Science and Medicine in Sport</i> , 1999, 2, 234-252.	1.3	39

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55	Persisting Inflammation and Chronic Immune Activation but Intact Cognitive Function in HIV-Infected Patients After Long-Term Treatment With Combination Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2013, 63, 272-279.	2.1	39
56	Safety and feasibility of mesenchymal stem cell therapy in patients with aqueous deficient dry eye disease. <i>Ocular Surface</i> , 2021, 19, 43-52.	4.4	39
57	Exercise-induced change in type 1 cytokine-producing CD8+ T cells is related to a decrease in memory T cells. <i>Journal of Applied Physiology</i> , 2002, 93, 645-648.	2.5	37
58	Cognitive Functions in Middle Aged Individuals Are Related to Metabolic Disturbances and Aerobic Capacity: A Cross-Sectional Study. <i>PLoS ONE</i> , 2012, 7, e51132.	2.5	37
59	Proliferative responses of blood mononuclear cells (BMNC) in a cohort of elderly humans: role of lymphocyte phenotype and cytokine production. <i>Clinical and Experimental Immunology</i> , 2000, 119, 433-440.	2.6	35
60	High Circulating Levels of Tumor Necrosis Factor- α in Centenarians Are Not Associated with Increased Production in T Lymphocytes. <i>Gerontology</i> , 2003, 49, 155-160.	2.8	34
61	Genetic priming of a proinflammatory profile predicts low IQ in octogenarians. <i>Neurobiology of Aging</i> , 2009, 30, 769-781.	3.1	32
62	Cerebral FDG-PET scanning abnormalities in optimally treated HIV patients. <i>Journal of Neuroinflammation</i> , 2010, 7, 13.	7.2	32
63	Common studied polymorphisms do not affect plasma cytokine levels upon endotoxin exposure in humans. <i>Clinical and Experimental Immunology</i> , 2008, 152, 147-152.	2.6	30
64	Asymptomatic bacteriuria in elderly humans is associated with increased levels of circulating TNF receptors and elevated numbers of neutrophils. <i>Experimental Gerontology</i> , 2002, 37, 693-699.	2.8	29
65	Identification of IFN- γ -Producing CD4+ T Cells Following PMA Stimulation. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 503-506.	1.2	28
66	The influence of vitamin D analogs on calcification modulators, N-terminal pro-B-type natriuretic peptide and inflammatory markers in hemodialysis patients: a randomized crossover study. <i>BMC Nephrology</i> , 2014, 15, 130.	1.8	23
67	Proinflammatory Cytokines, Antibodies to Chlamydia pneumoniae and Age-associated Diseases in Danish Centenarians: Is There a Link?. <i>Scandinavian Journal of Infectious Diseases</i> , 2002, 34, 493-499.	1.5	19
68	Exercise and immune function: effect of ageing and nutrition. <i>Proceedings of the Nutrition Society</i> , 1999, 58, 733-742.	1.0	18
69	Social Gradient in Allostatic Load Among Danish Men and Women in Late Midlife. <i>Journal of Aging and Health</i> , 2014, 26, 72-87.	1.7	18
70	Commonly Studied Polymorphisms in Inflammatory Cytokine Genes Show Only Minor Effects on Mortality and Related Risk Factors in Nonagenarians. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 225-235.	3.6	17
71	Nutrition, exercise and the immune system. <i>Proceedings of the Nutrition Society</i> , 1998, 57, 43-47.	1.0	16
72	Hypotension during endotoxemia in aged humans. <i>European Journal of Anaesthesiology</i> , 2001, 18, 572-575.	1.7	16

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73	Leukocytes in peripheral blood in patients with bipolar disorder – Trait and state alterations and association with levels of cytokines and C-reactive protein. <i>Psychiatry Research</i> , 2018, 261, 383-390.	3.3	12
74	Economic hardship over twenty-two consecutive years of adult life and markers of early ageing: physical capability, cognitive function and inflammation. <i>European Journal of Ageing</i> , 2020, 17, 55-67.	2.8	12
75	Increase in Percentage of CD45RO+/CD8+ Cells Is Associated with Previous Severe Primary HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1995, 10, 107-114.	0.3	10
76	Activated T Lymphocytes Disappear from Circulation during Endotoxemia in Humans. <i>Vaccine Journal</i> , 2002, 9, 731-735.	3.1	10
77	Single nucleotide polymorphisms in inflammatory genes and the risk of early onset of lone atrial fibrillation. <i>Inflammation Research</i> , 2010, 59, 965-969.	4.0	10
78	Is male factor infertility associated with midlife low-grade inflammation? A population based study. <i>Human Fertility</i> , 2018, 21, 146-154.	1.7	10
79	Pentoxifylline therapy in HIV seropositive subjects with elevated TNF. <i>Immunopharmacology</i> , 1995, 31, 85-91.	2.0	9
80	Implications of hormesis for biomedical aging research. <i>Human and Experimental Toxicology</i> , 1998, 17, 263-265.	2.2	9
81	Positive and negative aspects of social relations and low-grade inflammation in Copenhagen Aging and Midlife Biobank. <i>European Journal of Ageing</i> , 2020, 17, 531-546.	2.8	8
82	Brain-derived neurotrophic factor (BDNF) and type 2 diabetes. Reply to Lambert GW et al (letter). <i>Diabetologia</i> , 2007, 50, 2029-2030.	6.3	7
83	Influence of early life characteristics on psychiatric admissions and impact of psychiatric disease on inflammatory biomarkers and survival: a Danish cohort study. <i>World Psychiatry</i> , 2015, 14, 364-365.	10.4	7
84	Late midlife C-reactive protein and interleukin-6 in middle aged danish men in relation to body size history within and across generations. <i>Obesity</i> , 2016, 24, 461-468.	3.0	7
85	IL-10 specific autoantibodies predict major adverse cardiovascular events in kidney transplanted patients – a retrospective cohort study. <i>Transplant International</i> , 2019, 32, 933-948.	1.6	7
86	Inflammatory single nucleotide polymorphisms and the risk of atrial fibrillation: a case control study. <i>Inflammation Research</i> , 2011, 60, 209-211.	4.0	6
87	Haemophilus influenzae type f meningitis in a previously healthy boy. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013008854-bcr2013008854.	0.5	6
88	Lifetime socio-economic position and depression: an analysis of the influence of cognitive function, behaviour and inflammatory markers. <i>European Journal of Public Health</i> , 2015, 25, 1065-1069.	0.3	6
89	School education, physical performance in late midlife and allostatic load: a retrospective cohort study. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 748-754.	3.7	6
90	Effects of exercise on the immune system in the elderly population. <i>Immunology and Cell Biology</i> , 2000, 78, 523-531.	2.3	6

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91	Inflammatory markers and lung function in relation to indoor and ambient air pollution. International Journal of Hygiene and Environmental Health, 2022, 241, 113944.	4.3	6
92	Do partnership dissolutions and living alone affect systemic chronic inflammation? A cohort study of Danish adults. Journal of Epidemiology and Community Health, 2022, 76, 490-496.	3.7	4
93	Case Report: Renal Transplantation in Patients with Pre-existing Hypogammaglobulinemia. Scandinavian Journal of Immunology, 2017, 86, 113-117.	2.7	3
94	Identification of the novel HLA allele, HLA-DPA1*01:46, identified in a man of Serbian origin. Hla, 2021, 98, 79-81.	0.6	3
95	Detection of the novel HLA allele, HLA-DQA1*01:65, identified in a Danish donor. Hla, 2022, 99, 66-67.	0.6	3
96	Inflammatory Cytokine Profiles Do Not Differ Between Patients With Idiopathic Cytopenias of Undetermined Significance and Myelodysplastic Syndromes. HemaSphere, 2022, 6, e0713.	2.7	3
97	The Clinical Importance of Proinflammatory Cytokines in Elderly Populations. NeuroImmune Biology, 2004, 4, 383-395.	0.2	2
98	Identification of the novel HLA allele, HLA-C*07:780, identified in a Danish woman. Hla, 2020, 95, 69-71.	0.6	2
99	Healthy Danes from Eastern Denmark. Hla, 2021, 97, 95-97.	0.6	2
100	Educational attainment in young adulthood and self-rated health in midlife – Does allostatic load mediate the association?. Psychoneuroendocrinology, 2022, 139, 105708.	2.7	2
101	Vieillissement, exercice et immunit�. Science and Sports, 2006, 21, 214-215.	0.5	1
102	Influence of endotoxin challenge on protein S and C4b-binding protein in healthy subjects. Journal of Thrombosis and Haemostasis, 2006, 4, 692-694.	3.8	1
103	Economic hardship over twenty-two consecutive years of adult life and markers of early ageing. European Journal of Public Health, 2019, 29, .	0.3	1
104	The HLA-DR4-DQ8 phenotype of the recipient is associated with increased mortality after kidney transplantation. Clinical Immunology, 2021, 226, 108711.	3.2	1
105	288 CO-INFECTION WITH HUMAN IMMUNODEFICIENCY VIRUS (HIV) RESULTS IN HIGHER LEVEL OF REGULATORY T CELLS (TREG) IN PATIENTS WITH CHRONIC HEPATITIS C VIRUS (HCV) INFECTION. Journal of Hepatology, 2011, 54, S117-S118.	3.7	0
106	121 Factors Associated with Anti-HLA Antibodies in Patients Supported with Continuous Flow Devices and Impact on Probability of Transplant. Journal of Heart and Lung Transplantation, 2012, 31, S49.	0.6	0
107	128 Factors Associated With Anti-HLA Antibodies in Patients Supported With Continuous Flow Devices and Impact on Probability of Transplant. Canadian Journal of Cardiology, 2012, 28, S137-S138.	1.7	0
108	Lung Transplant Recipients Suspected of Antibody Mediated Rejection Treated with Plasmapheresis Have a Poor Prognosis. Journal of Heart and Lung Transplantation, 2013, 32, S264.	0.6	0

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109	MATERNAL BODY WEIGHT AND INFLAMMATION AMONG OFFSPRING IN LATE MIDDLE AGE. <i>Gerontologist, The</i> , 2015, 55, 167-167.	3.9	0
110	Authors' Reply: CD29: True Marker of "Memory". <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996, 11, 411.	0.3	0