

Sarah Aldred

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,356
citations

331538

21
h-index

360920

35
g-index

46
all docs

46
docs citations

46
times ranked

2325
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma Antioxidant Status, Immunoglobulin G Oxidation and Lipid Peroxidation in Demented Patients: Relevance to Alzheimer Disease and Vascular Dementia. <i>Dementia and Geriatric Cognitive Disorders</i> , 2004, 18, 265-270.	0.7	110
2	Low volumeâ€“high intensity interval exercise elicits antioxidant and anti-inflammatory effects in humans. <i>Journal of Sports Sciences</i> , 2016, 34, 1-9.	1.0	91
3	The use of proteomics for the assessment of clinical samples in research. <i>Clinical Biochemistry</i> , 2004, 37, 943-952.	0.8	85
4	The interactions of oxidative stress and inflammation with vascular dysfunction in ageing: the vascular health triad. <i>Age</i> , 2013, 35, 705-718.	3.0	78
5	Latent Cytomegalovirus infection amplifies CD8 T-lymphocyte mobilisation and egress in response to exercise. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 1362-1370.	2.0	74
6	Mediterranean diet adherence and cognitive function in older UK adults: the European Prospective Investigation into Cancer and Nutritionâ€“Norfolk (EPIC-Norfolk) Study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 938-948.	2.2	74
7	Inflammation in firstâ€“episode psychosis: The contribution of inflammatory biomarkers to the emergence of negative symptoms, a systematic review and metaâ€“analysis. <i>Acta Psychiatrica Scandinavica</i> , 2022, 146, 6-20.	2.2	61
8	Decreased dehydroepiandrosterone (DHEA) and dehydroepiandrosterone sulfate (DHEAS) concentrations in plasma of Alzheimer's disease (AD) patients. <i>Archives of Gerontology and Geriatrics</i> , 2010, 51, e16-e18.	1.4	55
9	An unexplored role for Peroxiredoxin in exercise-induced redox signalling?. <i>Redox Biology</i> , 2016, 8, 51-58.	3.9	46
10	Oxidative and nitrative changes seen in lipoproteins following exercise. <i>Atherosclerosis</i> , 2007, 192, 1-8.	0.4	38
11	Depression in Alzheimer's Disease: An Alternative Role for Selective Serotonin Reuptake Inhibitors?. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 651-661.	1.2	37
12	Localisation of dehydroepiandrosterone sulphotransferase in adult rat brain. <i>Brain Research Bulletin</i> , 1999, 48, 291-296.	1.4	36
13	Increased low-density lipoprotein oxidation, but not total plasma protein oxidation, in Alzheimer's disease. <i>Clinical Biochemistry</i> , 2010, 43, 267-271.	0.8	35
14	Prolonged Depletion of Antioxidant Capacity after Ultraendurance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1770-1776.	0.2	35
15	Alpha tocopherol supplementation elevates plasma apolipoprotein A1 isoforms in normal healthy subjects. <i>Proteomics</i> , 2006, 6, 1695-1703.	1.3	34
16	Three months of moderate-intensity exercise reduced plasma 3-nitrotyrosine in rheumatoid arthritis patients. <i>European Journal of Applied Physiology</i> , 2014, 114, 1483-1492.	1.2	34
17	Homocysteine from endothelial cells promotes LDL nitration and scavenger receptor uptake. <i>Free Radical Biology and Medicine</i> , 2006, 40, 488-500.	1.3	33
18	Plasma Levels of Complement 4a Protein are Increased in Alzheimer's Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 329-334.	0.6	33

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19	Monitoring changes in thioredoxin and over-oxidised peroxiredoxin in response to exercise in humans. <i>Free Radical Research</i> , 2015, 49, 290-298.	1.5	28
20	Acute aerobic exercise induces a preferential mobilisation of plasmacytoid dendritic cells into the peripheral blood in man. <i>Physiology and Behavior</i> , 2018, 194, 191-198.	1.0	25
21	Tai Chi is an effective form of exercise to reduce markers of frailty in older age. <i>Experimental Gerontology</i> , 2020, 135, 110925.	1.2	23
22	Factors influencing post-exercise plasma protein carbonyl concentration. <i>Free Radical Research</i> , 2016, 50, 375-384.	1.5	22
23	Loneliness in healthy young adults predicts inflammatory responsiveness to a mild immune challenge in vivo. <i>Brain, Behavior, and Immunity</i> , 2019, 82, 298-301.	2.0	22
24	Assessment of oxidative stress in lymphocytes with exercise. <i>Journal of Applied Physiology</i> , 2011, 111, 206-211.	1.2	21
25	Low-grade inflammation decreases emotion recognition – Evidence from the vaccination model of inflammation. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 216-221.	2.0	20
26	Intensive Exercise Does Not Preferentially Mobilize Skin-Homing T Cells and NK Cells. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1285-1293.	0.2	19
27	Ultra-endurance exercise: unanswered questions in redox biology and immunology. <i>Biochemical Society Transactions</i> , 2014, 42, 989-995.	1.6	18
28	A moderate intensity exercise program did not increase the oxidative stress in older adults. <i>Archives of Gerontology and Geriatrics</i> , 2011, 53, 350-353.	1.4	17
29	Eccentric-exercise induced inflammation attenuates the vascular responses to mental stress. <i>Brain, Behavior, and Immunity</i> , 2013, 30, 133-142.	2.0	16
30	Designing a feasible exercise intervention in first-episode psychosis: Exercise quality, engagement and effect. <i>Psychiatry Research</i> , 2020, 286, 112840.	1.7	13
31	Oxidation of protein in human low-density lipoprotein exposed to peroxy radicals facilitates uptake by monocytes; protection by antioxidants in vitro. <i>Environmental Toxicology and Pharmacology</i> , 2004, 15, 111-117.	2.0	11
32	Selective effects of acute low-grade inflammation on human visual attention. <i>NeuroImage</i> , 2019, 202, 116098.	2.1	11
33	Exercise as a protective mechanism against the negative effects of oxidative stress in first-episode psychosis: a biomarker-led study. <i>Translational Psychiatry</i> , 2020, 10, 254.	2.4	11
34	Vaccine-induced inflammation attenuates the vascular responses to mental stress. <i>International Journal of Psychophysiology</i> , 2014, 93, 340-348.	0.5	10
35	Preliminary evidence of reductive stress in human cytotoxic T cells following exercise. <i>Journal of Applied Physiology</i> , 2018, 125, 586-595.	1.2	10
36	Underlying inflammation has no impact on the oxidative stress response to acute mental stress. <i>Brain, Behavior, and Immunity</i> , 2014, 40, 182-190.	2.0	9

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37	Inflammation Mediates Body Weight and Ageing Effects on Psychomotor Slowing. <i>Scientific Reports</i> , 2019, 9, 15727.	1.6	9
38	Feasibility and acceptability of a multi-domain intervention to increase Mediterranean diet adherence and physical activity in older UK adults at risk of dementia: protocol for the MedEx-UK randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e042823.	0.8	9
39	Amyloid- β precursor protein processing and oxidative stress are altered in human iPSC-derived neuron and astrocyte co-cultures carrying presenilin-1 gene mutations following spontaneous differentiation. <i>Molecular and Cellular Neurosciences</i> , 2021, 114, 103631.	1.0	9
40	The effect of age and obesity on platelet amyloid precursor protein processing and plasma markers of oxidative stress and inflammation. <i>Experimental Gerontology</i> , 2020, 132, 110838.	1.2	8
41	Role of magnetic resonance spectroscopy in cerebral glutathione quantification for youth mental health: A systematic review. <i>Microbial Biotechnology</i> , 2020, 14, 147-162.	0.9	7
42	Age, BMI, and inflammation: Associations with emotion recognition. <i>Physiology and Behavior</i> , 2021, 232, 113324.	1.0	7
43	The effect of steady state exercise on circulating human IgE and IgG in young healthy volunteers with known allergy. <i>Journal of Science and Medicine in Sport</i> , 2010, 13, 16-19.	0.6	6
44	A pilot study to assess the effect of acute exercise on brain glutathione. <i>Free Radical Research</i> , 2018, 52, 57-69.	1.5	6