

# Hawley E Kunz

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

896  
citations

687363

13  
h-index

752698

20  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise and the Regulation of Immune Functions. Progress in Molecular Biology and Translational Science, 2015, 135, 355-380.	1.7	361
2	$\beta$ 2-Adrenergic receptor signaling mediates the preferential mobilization of differentiated subsets of CD8+ T-cells, NK-cells and non-classical monocytes in response to acute exercise in humans. Brain, Behavior, and Immunity, 2018, 74, 143-153.	4.1	80
3	Adipose tissue macrophage populations and inflammation are associated with systemic inflammation and insulin resistance in obesity. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E105-E121.	3.5	55
4	Alterations in hematologic indices during long-duration spaceflight. BMC Hematology, 2017, 17, 12.	2.6	54
5	NK cell function is impaired during long-duration spaceflight. Journal of Applied Physiology, 2019, 126, 842-853.	2.5	53
6	Fitness level impacts salivary antimicrobial protein responses to a single bout of cycling exercise. European Journal of Applied Physiology, 2015, 115, 1015-1027.	2.5	44
7	Acute exercise preferentially redeploys NK-cells with a highly-differentiated phenotype and augments cytotoxicity against lymphoma and multiple myeloma target cells. Part II: Impact of latent cytomegalovirus infection and catecholamine sensitivity. Brain, Behavior, and Immunity, 2015, 49, 59-65.	4.1	38
8	Vigorous exercise mobilizes CD34+ hematopoietic stem cells to peripheral blood via the $\beta$ 2-adrenergic receptor. Brain, Behavior, and Immunity, 2018, 68, 66-75.	4.1	36
9	Human cytomegalovirus infection and the immune response to exercise. Exercise Immunology Review, 2016, 22, 8-27.	0.4	36
10	B cell homeostasis is maintained during long-duration spaceflight. Journal of Applied Physiology, 2019, 126, 469-476.	2.5	28
11	A single exercise bout enhances the manufacture of viral-specific T-cells from healthy donors: implications for allogeneic adoptive transfer immunotherapy. Scientific Reports, 2016, 6, 25852.	3.3	22
12	EPA and DHA elicit distinct transcriptional responses to high-fat feeding in skeletal muscle and liver. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E460-E472.	3.5	16
13	Methylarginine metabolites are associated with attenuated muscle protein synthesis in cancer-associated muscle wasting. Journal of Biological Chemistry, 2020, 295, 17441-17459.	3.4	14
14	Skeletal muscle mitochondrial dysfunction and muscle and whole body functional deficits in cancer patients with weight loss. Journal of Applied Physiology, 2022, 132, 388-401.	2.5	13
15	Preserved skeletal muscle oxidative capacity in older adults despite decreased cardiorespiratory fitness with ageing. Journal of Physiology, 2021, 599, 3581-3592.	2.9	12
16	Salivary antimicrobial proteins and stress biomarkers are elevated during a 6-month mission to the International Space Station. Journal of Applied Physiology, 2020, 128, 264-275.	2.5	11
17	Impaired cardiac performance, protein synthesis, and mitochondrial function in tumor-bearing mice. PLoS ONE, 2019, 14, e0226440.	2.5	7
18	The effects of $\beta$ 1 and $\beta$ 1+2 adrenergic receptor blockade on the exercise-induced mobilization and ex vivo expansion of virus-specific T cells: implications for cellular therapy and the anti-viral immune effects of exercise. Cell Stress and Chaperones, 2020, 25, 993-1012.	2.9	5

#	ARTICLE	IF	CITATIONS
19	A Randomized Trial of n-3 Fatty Acid Supplementation and Circulating Lipoprotein Subclasses in Healthy Older Adults. Journal of Nutrition, 2022, 152, 1675-1689.	2.9	5
20	Impact of obesity on the molecular response to a single bout of exercise in a preliminary human cohort. Obesity, 2022, 30, 1091-1104.	3.0	5
21	The effects of normoxic endurance exercise on erythropoietin (EPO) production and the impact of selective $\beta_1$ and non-selective $\beta_1 + \beta_2$ adrenergic receptor blockade. European Journal of Applied Physiology, 2021, 121, 1499-1511.	2.5	1
22	Impaired cardiac performance, protein synthesis, and mitochondrial function in tumor-bearing mice. , 2019, 14, e0226440.		0
23	Impaired cardiac performance, protein synthesis, and mitochondrial function in tumor-bearing mice. , 2019, 14, e0226440.		0
24	Impaired cardiac performance, protein synthesis, and mitochondrial function in tumor-bearing mice. , 2019, 14, e0226440.		0
25	Impaired cardiac performance, protein synthesis, and mitochondrial function in tumor-bearing mice. , 2019, 14, e0226440.		0
26	Impaired cardiac performance, protein synthesis, and mitochondrial function in tumor-bearing mice. , 2019, 14, e0226440.		0
27	Impaired cardiac performance, protein synthesis, and mitochondrial function in tumor-bearing mice. , 2019, 14, e0226440.		0
28	Exercise Responsiveness in Obese Adults. FASEB Journal, 2022, 36, .	0.5	0