

Iain J Gallagher

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,895
citations

304368

22
h-index

233125

45
g-index

45
all docs

45
docs citations

45
times ranked

4726
citing authors

#	ARTICLE	IF	CITATIONS
1	High responders to resistance exercise training demonstrate differential regulation of skeletal muscle microRNA expression. <i>Journal of Applied Physiology</i> , 2011, 110, 309-317.	1.2	292
2	Chitinase and Fizz Family Members Are a Generalized Feature of Nematode Infection with Selective Upregulation of Ym1 and Fizz1 by Antigen-Presenting Cells. <i>Infection and Immunity</i> , 2005, 73, 385-394.	1.0	233
3	Alternative Activation Is an Innate Response to Injury That Requires CD4+ T Cells to be Sustained during Chronic Infection. <i>Journal of Immunology</i> , 2007, 179, 3926-3936.	0.4	230
4	Integration of microRNA changes in vivo identifies novel molecular features of muscle insulin resistance in type 2 diabetes. <i>Genome Medicine</i> , 2010, 2, 9.	3.6	225
5	A transcriptional map of the impact of endurance exercise training on skeletal muscle phenotype. <i>Journal of Applied Physiology</i> , 2011, 110, 46-59.	1.2	209
6	A novel multi-tissue RNA diagnostic of healthy ageing relates to cognitive health status. <i>Genome Biology</i> , 2015, 16, 185.	3.8	189
7	Induction of IL-4R α -dependent microRNAs identifies PI3K/Akt signaling as essential for IL-4-driven murine macrophage proliferation in vivo. <i>Blood</i> , 2012, 120, 2307-2316.	0.6	162
8	Omega-3 Fatty Acids and Skeletal Muscle Health. <i>Marine Drugs</i> , 2015, 13, 6977-7004.	2.2	134
9	Multiple sources of bias confound functional enrichment analysis of global -omics data. <i>Genome Biology</i> , 2015, 16, 186.	3.8	131
10	Using transcriptomics to identify and validate novel biomarkers of human skeletal muscle cancer cachexia. <i>Genome Medicine</i> , 2010, 2, 1.	3.6	124
11	Simvastatin promotes Th2-type responses through the induction of the chitinase family member Ym1 in dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7777-7782.	3.3	109
12	Assessing the Role of Muscle Protein Breakdown in Response to Nutrition and Exercise in Humans. <i>Sports Medicine</i> , 2018, 48, 53-64.	3.1	100
13	Sexual dimorphism modulates the impact of cancer cachexia on lower limb muscle mass and function. <i>Clinical Nutrition</i> , 2012, 31, 499-505.	2.3	80
14	Suppression of Skeletal Muscle Turnover in Cancer Cachexia: Evidence from the Transcriptome in Sequential Human Muscle Biopsies. <i>Clinical Cancer Research</i> , 2012, 18, 2817-2827.	3.2	76
15	Resistance to Aerobic Exercise Training Causes Metabolic Dysfunction and Reveals Novel Exercise-Regulated Signaling Networks. <i>Diabetes</i> , 2013, 62, 2717-2727.	0.3	68
16	Evaluating potential biomarkers of cachexia and survival in skeletal muscle of upper gastrointestinal cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2015, 6, 53-61.	2.9	65
17	Overexpression of the vitamin D receptor (VDR) induces skeletal muscle hypertrophy. <i>Molecular Metabolism</i> , 2020, 42, 101059.	3.0	61
18	A coding and non-coding transcriptomic perspective on the genomics of human metabolic disease. <i>Nucleic Acids Research</i> , 2018, 46, 7772-7792.	6.5	41

#	ARTICLE	IF	CITATIONS
19	A systematic review examining the relationship between cytokines and cachexia in incurable cancer. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 824-838.	2.9	37
20	The mechanisms of skeletal muscle atrophy in response to transient knockdown of the vitamin D receptor <i>in vivo</i> . <i>Journal of Physiology</i> , 2021, 599, 963-979.	1.3	36
21	The Emerging Role of Interleukin 1 β (IL-1 β) in Cancer Cachexia. <i>Inflammation</i> , 2021, 44, 1223-1228.	1.7	27
22	Omics/systems biology and cancer cachexia. <i>Seminars in Cell and Developmental Biology</i> , 2016, 54, 92-103.	2.3	26
23	Proteomic analysis of urinary upper gastrointestinal cancer markers. <i>Proteomics - Clinical Applications</i> , 2011, 5, 289-299.	0.8	25
24	Increased Skeletal Muscle 11 β HSD1 mRNA Is Associated with Lower Muscle Strength in Ageing. <i>PLoS ONE</i> , 2013, 8, e84057.	1.1	24
25	Pleural cellular reaction to the filarial infection <i>Litomosoides sigmodontis</i> is determined by the moulting process, the worm alteration, and the host strain. <i>Parasitology International</i> , 2008, 57, 201-211.	0.6	22
26	Untargeted metabolomics for uncovering biological markers of human skeletal muscle ageing. <i>Aging</i> , 2020, 12, 12517-12533.	1.4	19
27	iGEMS: an integrated model for identification of alternative exon usage events. <i>Nucleic Acids Research</i> , 2016, 44, e109-e109.	6.5	18
28	Relationship Between Insulin Sensitivity and Menstrual Cycle Is Modified by BMI, Fitness, and Physical Activity in NHANES. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2979-2990.	1.8	18
29	Adipose depot gene expression and intelectin β in the metabolic response to cancer and cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1141-1153.	2.9	14
30	The acute transcriptional response to resistance exercise: impact of age and contraction mode. <i>Aging</i> , 2019, 11, 2111-2126.	1.4	14
31	Influence of resistance training load on measures of skeletal muscle hypertrophy and improvements in maximal strength and neuromuscular task performance: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2021, 39, 1723-1745.	1.0	12
32	Multiple AMPK activators inhibit carnitine uptake in C2C12 skeletal muscle myotubes. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 312, C689-C696.	2.1	10
33	Understanding factors associated with sarcopenic obesity in older African women from a low-income setting: a cross-sectional analysis. <i>BMC Geriatrics</i> , 2021, 21, 247.	1.1	10
34	Molecular studies of exercise, skeletal muscle, and ageing. <i>F1000Research</i> , 2016, 5, 1087.	0.8	10
35	Transcriptomic links to muscle mass loss and declines in cumulative muscle protein synthesis during short-term disuse in healthy younger humans. <i>FASEB Journal</i> , 2021, 35, e21830.	0.2	8
36	Relationship between cytokines and symptoms in people with incurable cancer: A systematic review. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 159, 103222.	2.0	6

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37	The Emerging Role of Intelectin-1 in Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 767859.	1.3	6
38	Device-Measured Desk-Based Occupational Sitting Patterns and Stress (Hair Cortisol and Perceived) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	5
39	Food Security, Dietary Intake, and Foodways of Urban Low-Income Older South African Women: An Exploratory Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3973.	1.2	5
40	Sarcopenic Obesity in Africa: A Call for Diagnostic Methods and Appropriate Interventions. <i>Frontiers in Nutrition</i> , 2021, 8, 661170.	1.6	4
41	Changes in adipose tissue microRNA expression across the menstrual cycle in regularly menstruating females: a pilot study. <i>Physiological Genomics</i> , 2022, 54, 1-10.	1.0	3
42	Longer Neurophysiological vs. Clinical Recovery Following Sport Concussion. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 737712.	0.9	3
43	Intensity Matters for Musculoskeletal Health: A Cross-Sectional Study on Movement Behaviors of Older Adults from High-Income Scottish and Low-Income South African Communities. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4310.	1.2	2
44	A statistical and biological response to an informatics appraisal of healthy aging gene signatures. <i>Genome Biology</i> , 2019, 20, 152.	3.8	1
45	Human Subcutaneous Adipose Tissue Sampling using a Mini-liposuction Technique. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1