

Frederic Raymond

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,133
citations

361045

20
h-index

500791

28
g-index

32
all docs

32
docs citations

32
times ranked

4107
citing authors

#	ARTICLE	IF	CITATIONS
1	Germ-free C57BL/6J mice are resistant to high-fat-diet-induced insulin resistance and have altered cholesterol metabolism. <i>FASEB Journal</i> , 2010, 24, 4948-4959.	0.2	425
2	OMICS-driven biomarker discovery in nutrition and health. <i>Journal of Biotechnology</i> , 2006, 124, 758-787.	1.9	268
3	Loss of fibronectin from the aged stem cell niche affects the regenerative capacity of skeletal muscle in mice. <i>Nature Medicine</i> , 2016, 22, 897-905.	15.2	226
4	Aging Disrupts Muscle Stem Cell Function by Impairing Matricellular WISP1 Secretion from Fibro-Adipogenic Progenitors. <i>Cell Stem Cell</i> , 2019, 24, 433-446.e7.	5.2	191
5	Mitochondrial oxidative capacity and NAD ⁺ biosynthesis are reduced in human sarcopenia across ethnicities. <i>Nature Communications</i> , 2019, 10, 5808.	5.8	159
6	Pregabalin (CI-1008) Inhibits the Trinitrobenzene Sulfonic Acid-Induced Chronic Colonic Allodynia in the Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 1013-1022.	1.3	90
7	Role of nerve growth factor in the trinitrobenzene sulfonic acid-induced colonic hypersensitivity. <i>Pain</i> , 2003, 105, 489-497.	2.0	82
8	A robust neuromuscular system protects rat and human skeletal muscle from sarcopenia. <i>Aging</i> , 2016, 8, 712-728.	1.4	75
9	Mfn1 Deficiency in the Liver Protects Against Diet-Induced Insulin Resistance and Enhances the Hypoglycemic Effect of Metformin. <i>Diabetes</i> , 2016, 65, 3552-3560.	0.3	66
10	AMPK promotes induction of the tumor suppressor FLCN through activation of TFEB independently of mTOR. <i>FASEB Journal</i> , 2019, 33, 12374-12391.	0.2	57
11	Transcriptome and translational signaling following endurance exercise in trained skeletal muscle: impact of dietary protein. <i>Physiological Genomics</i> , 2011, 43, 1004-1020.	1.0	50
12	Biomarkers of browning of white adipose tissue and their regulation during exercise- and diet-induced weight loss,. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 557-565.	2.2	50
13	Influence of gut microbiota on mouse B2 B cell ontogeny and function. <i>Molecular Immunology</i> , 2011, 48, 1091-1101.	1.0	39
14	Protein-leucine ingestion activates a regenerative inflammo-myogenic transcriptome in skeletal muscle following intense endurance exercise. <i>Physiological Genomics</i> , 2016, 48, 21-32.	1.0	37
15	Whole-genome sequencing analysis of semi-supercentenarians. <i>ELife</i> , 2021, 10, .	2.8	37
16	Sialic Acid Utilisation and Synthesis in the Neonatal Rat Revisited. <i>PLoS ONE</i> , 2009, 4, e8241.	1.1	36
17	Protective effects of maternal nutritional supplementation with lactoferrin on growth and brain metabolism. <i>Pediatric Research</i> , 2014, 75, 51-61.	1.1	33
18	SIRT1 Gain of Function Does Not Mimic or Enhance the Adaptations to Intermittent Fasting. <i>Cell Reports</i> , 2016, 14, 2068-2075.	2.9	31

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19	Comparative gene expression profiling between human cultured myotubes and skeletal muscle tissue. BMC Genomics, 2010, 11, 125.	1.2	26
20	Genomic history of the Italian population recapitulates key evolutionary dynamics of both Continental and Southern Europeans. BMC Biology, 2020, 18, 51.	1.7	26
21	Transcriptomic Analysis Links Eosinophilic Esophagitis and Atopic Dermatitis. Frontiers in Pediatrics, 2019, 7, 467.	0.9	22
22	Persistent low body weight in humans is associated with higher mitochondrial activity in white adipose tissue. American Journal of Clinical Nutrition, 2019, 110, 605-616.	2.2	21
23	Effects of increase in fish oil intake on intestinal eicosanoids and inflammation in a mouse model of colitis. Lipids in Health and Disease, 2013, 12, 81.	1.2	19
24	Automated Target Preparation for Microarray-Based Gene Expression Analysis. Analytical Chemistry, 2006, 78, 6299-6305.	3.2	16
25	Transcriptomics-driven lipidomics (TDL) identifies the microbiome-regulated targets of ileal lipid metabolism. Npj Systems Biology and Applications, 2017, 3, 33.	1.4	13
26	Consequences of Exchanging Carbohydrates for Proteins in the Cholesterol Metabolism of Mice Fed a High-fat Diet. PLoS ONE, 2012, 7, e49058.	1.1	9
27	Omics in Nutrition and Health Research. , 0, , 11-29.		4
28	Bisphenol A binding promiscuity: A virtual journey through the universe of proteins. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 85-94.	0.9	3
29	In vivo transcriptomic profiling using cell encapsulation identifies effector pathways of systemic aging. ELife, 2022, 11, .	2.8	3