

Il-Young Kim

List of Publications by Year in descending order

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38
papers

1,226
citations

430442

18
h-index

377514

34
g-index

39
all docs

39
docs citations

39
times ranked

1462
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential Amino Acid-Enriched Diet Alleviates Dexamethasone-Induced Loss of Muscle Mass and Function through Stimulation of Myofibrillar Protein Synthesis and Improves Glucose Metabolism in Mice. <i>Metabolites</i> , 2022, 12, 84.	1.3	8
2	Prevention of Loss of Muscle Mass and Function in Older Adults during COVID-19 Lockdown: Potential Role of Dietary Essential Amino Acids. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8090.	1.2	4
3	The impact of Hayward green kiwifruit on dietary protein digestion and protein metabolism. <i>European Journal of Nutrition</i> , 2021, 60, 1141-1148.	1.8	8
4	Metabolic Evaluation of the Dietary Guidelinesâ€™ Ounce Equivalents of Protein Food Sources in Young Adults: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2021, 151, 1190-1196.	1.3	14
5	Myostatin Inhibition-Induced Increase in Muscle Mass and Strength Was Amplified by Resistance Exercise Training, and Dietary Essential Amino Acids Improved Muscle Quality in Mice. <i>Nutrients</i> , 2021, 13, 1508.	1.7	12
6	Whole-body protein kinetic models to quantify the anabolic response to dietary protein consumption. <i>Clinical Nutrition Open Science</i> , 2021, 36, 78-90.	0.5	7
7	Comparison of basal whole-body protein kinetics and muscle protein synthesis between young and older adults. <i>Physiological Reports</i> , 2020, 8, e14633.	0.7	11
8	Essential Amino Acids and Protein Synthesis: Insights into Maximizing the Muscle and Whole-Body Response to Feeding. <i>Nutrients</i> , 2020, 12, 3717.	1.7	52
9	The Anabolic Response to Dietary Protein Is Not Limited by the Maximal Stimulation of Protein Synthesis in Healthy Older Adults: A Randomized Crossover Trial. <i>Nutrients</i> , 2020, 12, 3276.	1.7	12
10	Net protein balance correlates with expression of autophagy, mitochondrial biogenesis, and fat metabolism-related genes in skeletal muscle from older adults. <i>Physiological Reports</i> , 2020, 8, e14575.	0.7	6
11	Human skeletal muscle metabolic responses to 6 days of high-fat overfeeding are associated with dietary n-3 PUFA content and muscle oxidative capacity. <i>Physiological Reports</i> , 2020, 8, e14529.	0.7	4
12	Advances in Stable Isotope Tracer Methodology Part 2: New Thoughts about an "Old" Methodâ€”Measurement of Whole Body Protein Synthesis and Breakdown in the Fed State. <i>Journal of Investigative Medicine</i> , 2020, 68, 11-15.	0.7	13
13	Understanding Muscle Protein Dynamics: Technical Considerations for Advancing Sarcopenia Research. <i>Annals of Geriatric Medicine and Research</i> , 2020, 24, 157-165.	0.7	27
14	Expression of genes related to autophagy and protein breakdown are positively correlated with protein synthesis and protein breakdown in skeletal muscle of healthy adults after a bout of resistance exercise. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
15	In Vivo and In Vitro Quantification of Glucose Kinetics: From Bedside to Bench. <i>Endocrinology and Metabolism</i> , 2020, 35, 733-749.	1.3	3
16	Quantifications of Lipid Kinetics <i>In Vivo</i> Using Stable Isotope Tracer Methodology. <i>Journal of Lipid and Atherosclerosis</i> , 2020, 9, 110.	1.1	4
17	Consumption of a Specially-Formulated Mixture of Essential Amino Acids Promotes Gain in Whole-Body Protein to a Greater Extent than a Complete Meal Replacement in Older Women with Heart Failure. <i>Nutrients</i> , 2019, 11, 1360.	1.7	21
18	Essential amino acid-enriched meal replacement promotes superior net protein balance in older, overweight adults. <i>Clinical Nutrition</i> , 2019, 38, 2821-2826.	2.3	13

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19	Quantifying the contribution of dietary protein to whole body protein kinetics: examination of the intrinsically labeled proteins method. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E74-E84.	1.8	19
20	Protein intake distribution pattern does not affect anabolic response, lean body mass, muscle strength or function over 8 weeks in older adults: A randomized-controlled trial. <i>Clinical Nutrition</i> , 2018, 37, 488-493.	2.3	65
21	Update on maximal anabolic response to dietary protein. <i>Clinical Nutrition</i> , 2018, 37, 411-418.	2.3	67
22	Severe negative energy balance during 21 d at high altitude decreases fat-free mass regardless of dietary protein intake: a randomized controlled trial. <i>FASEB Journal</i> , 2018, 32, 894-905.	0.2	43
23	Quality of meal protein determines anabolic response in older adults. <i>Clinical Nutrition</i> , 2018, 37, 2076-2083.	2.3	33
24	Protein Intake Recommendation for Korean Older Adults to Prevent Sarcopenia: Expert Consensus by the Korean Geriatric Society and the Korean Nutrition Society. <i>Annals of Geriatric Medicine and Research</i> , 2018, 22, 167-175.	0.7	24
25	Body weight influences genes related to energy metabolism in human skeletal muscle. <i>FASEB Journal</i> , 2018, 32, 589.4.	0.2	1
26	Obstructive Sleep Apnea Dynamically Increases Nocturnal Plasma Free Fatty Acids, Glucose, and Cortisol During Sleep. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3172-3181.	1.8	99
27	Optimizing Protein Intake in Adults: Interpretation and Application of the Recommended Dietary Allowance Compared with the Acceptable Macronutrient Distribution Range. <i>Advances in Nutrition</i> , 2017, 8, 266-275.	2.9	104
28	Skeletal Muscle Acute and Chronic Metabolic Response to Essential Amino Acid Supplementation in Hypertriglyceridemic Older Adults. <i>Current Developments in Nutrition</i> , 2017, 1, e002071.	0.1	7
29	Short term elevation in dietary protein intake does not worsen insulin resistance or lipids in older adults with metabolic syndrome: a randomized-controlled trial. <i>BMC Nutrition</i> , 2017, 3, .	0.6	8
30	Prolonged sitting negatively affects the postprandial plasma triglyceride-lowering effect of acute exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E891-E898.	1.8	23
31	Protein quality as determined by the Digestible Indispensable Amino Acid Score: evaluation of factors underlying the calculation: Table 1. <i>Nutrition Reviews</i> , 2016, 74, 584-599.	2.6	87
32	The anabolic response to a meal containing different amounts of protein is not limited by the maximal stimulation of protein synthesis in healthy young adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E73-E80.	1.8	85
33	Applications of stable, nonradioactive isotope tracers in in vivo human metabolic research. <i>Experimental and Molecular Medicine</i> , 2016, 48, e203-e203.	3.2	95
34	Acute ingestion of citrulline stimulates nitric oxide synthesis but does not increase blood flow in healthy young and older adults with heart failure. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E915-E924.	1.8	54
35	Quantity of dietary protein intake, but not pattern of intake, affects net protein balance primarily through differences in protein synthesis in older adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E21-E28.	1.8	137
36	Acute lysine supplementation does not improve hepatic or peripheral insulin sensitivity in older, overweight individuals. <i>Nutrition and Metabolism</i> , 2014, 11, 49.	1.3	12

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37	Effects of Moderate- and Intermittent Low-Intensity Exercise on Postprandial Lipemia. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1882-1890.	0.2	44
38	The Role of Dietary Essential Amino Acids in Muscle and Health. <i>Food Supplements and Biomaterials for Health</i> , 0, 2, .	0.3	0