# 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 | Quantity of dietary protein intake, but not pattern of intake, affects net protein balance primarily through differences in protein synthesis in older adults. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E21-E28. | 1.8 | 137 |
| 2 | Optimizing Protein Intake in Adults: Interpretation and Application of the Recommended Dietary Allowance Compared with the Acceptable Macronutrient Distribution Range. Advances in Nutrition, 2017, 8, 266-275. | 2.9 | 104 |
| 3 | Obstructive Sleep Apnea Dynamically Increases Nocturnal Plasma Free Fatty Acids, Glucose, and Cortisol During Sleep. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3172-3181. | 1.8 | 99 |
| 4 | Applications of stable, nonradioactive isotope tracers in in vivo human metabolic research. Experimental and Molecular Medicine, 2016, 48, e203-e203. | 3.2 | 95 |
| 5 | Protein quality as determined by the Digestible Indispensable Amino Acid Score: evaluation of factors underlying the calculation: Table 1. Nutrition Reviews, 2016, 74, 584-599. | 2.6 | 87 |
| 6 | 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. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E73-E80. | 1.8 | 85 |
| 7 | Update on maximal anabolic response to dietary protein. Clinical Nutrition, 2018, 37, 411-418. | 2.3 | 67 |
| 8 | 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. Clinical Nutrition, 2018, 37, 488-493. | 2.3 | 65 |
| 9 | Acute ingestion of citrulline stimulates nitric oxide synthesis but does not increase blood flow in healthy young and older adults with heart failure. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E915-E924. | 1.8 | 54 |
| 10 | Essential Amino Acids and Protein Synthesis: Insights into Maximizing the Muscle and Whole-Body Response to Feeding. Nutrients, 2020, 12, 3717. | 1.7 | 52 |
| 11 | Effects of Moderate- and Intermittent Low-Intensity Exercise on Postprandial Lipemia. Medicine and Science in Sports and Exercise, 2014, 46, 1882-1890. | 0.2 | 44 |
| 12 | Severe negative energy balance during 21 d at high altitude decreases fatâ€free mass regardless of dietary protein intake: a randomized controlled trial. FASEB Journal, 2018, 32, 894-905. | 0.2 | 43 |
| 13 | Quality of meal protein determines anabolic response in older adults. Clinical Nutrition, 2018, 37, 2076-2083. | 2.3 | 33 |
| 14 | Understanding Muscle Protein Dynamics: Technical Considerations for Advancing Sarcopenia Research. Annals of Geriatric Medicine and Research, 2020, 24, 157-165. | 0.7 | 27 |
| 15 | Protein Intake Recommendation for Korean Older Adults to Prevent Sarcopenia: Expert Consensus by the Korean Geriatric Society and the Korean Nutrition Society. Annals of Geriatric Medicine and Research, 2018, 22, 167-175. | 0.7 | 24 |
| 16 | Prolonged sitting negatively affects the postprandial plasma triglyceride-lowering effect of acute exercise. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E891-E898. | 1.8 | 23 |
| 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. Nutrients, 2019, 11, 1360. | 1.7 | 21 |
| 18 | Quantifying the contribution of dietary protein to whole body protein kinetics: examination of the intrinsically labeled proteins method. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E74-E84. | 1.8 | 19 |

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|---|---|---|---|
| 19 | Metabolic Evaluation of the Dietary Guidelinesâ€™ Ounce Equivalents of Protein Food Sources in Young Adults: A Randomized Controlled Trial. Journal of Nutrition, 2021, 151, 1190-1196. | 1.3 | 14 |
| 20 | Essential amino acid-enriched meal replacement promotes superior net protein balance in older, overweight adults. Clinical Nutrition, 2019, 38, 2821-2826. | 2.3 | 13 |
| 21 | Advances in Stable Isotope Tracer Methodology Part 2: New Thoughts about an â€œOldâ€• Methodâ€”Measurement of Whole Body Protein Synthesis and Breakdown in the Fed State. Journal of Investigative Medicine, 2020, 68, 11-15. | 0.7 | 13 |
| 22 | Acute lysine supplementation does not improve hepatic or peripheral insulin sensitivity in older, overweight individuals. Nutrition and Metabolism, 2014, 11, 49. | 1.3 | 12 |
| 23 | The Anabolic Response to Dietary Protein Is Not Limited by the Maximal Stimulation of Protein Synthesis in Healthy Older Adults: A Randomized Crossover Trial. Nutrients, 2020, 12, 3276. | 1.7 | 12 |
| 24 | 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. Nutrients, 2021, 13, 1508. | 1.7 | 12 |
| 25 | Comparison of basal wholeâ€body protein kinetics and muscle protein synthesis between young and older adults. Physiological Reports, 2020, 8, e14633. | 0.7 | 11 |
| 26 | Short term elevation in dietary protein intake does not worsen insulin resistance or lipids in older adults with metabolic syndrome: a randomized-controlled trial. BMC Nutrition, 2017, 3, . | 0.6 | 8 |
| 27 | The impact of Hayward green kiwifruit on dietary protein digestion and protein metabolism. European Journal of Nutrition, 2021, 60, 1141-1148. | 1.8 | 8 |
| 28 | 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. Metabolites, 2022, 12, 84. | 1.3 | 8 |
| 29 | Skeletal Muscle Acute and Chronic Metabolic Response to Essential Amino Acid Supplementation in Hypertriglyceridemic Older Adults. Current Developments in Nutrition, 2017, 1, e002071. | 0.1 | 7 |
| 30 | Whole-body protein kinetic models to quantify the anabolic response to dietary protein consumption. Clinical Nutrition Open Science, 2021, 36, 78-90. | 0.5 | 7 |
| 31 | Net protein balance correlates with expression of autophagy, mitochondrial biogenesis, and fat metabolismâ€related genes in skeletal muscle from older adults. Physiological Reports, 2020, 8, e14575. | 0.7 | 6 |
| 32 | Human skeletal muscle metabolic responses to 6 days of highâ€fat overfeeding are associated with dietary nâ€3PUFA content and muscle oxidative capacity. Physiological Reports, 2020, 8, e14529. | 0.7 | 4 |
| 33 | Quantifications of Lipid KineticsIn VivoUsing Stable Isotope Tracer Methodology. Journal of Lipid and Atherosclerosis, 2020, 9, 110. | 1.1 | 4 |
| 34 | Prevention of Loss of Muscle Mass and Function in Older Adults during COVID-19 Lockdown: Potential Role of Dietary Essential Amino Acids. International Journal of Environmental Research and Public Health, 2022, 19, 8090. | 1.2 | 4 |
| 35 | In Vivo and In Vitro Quantification of Glucose Kinetics: From Bedside to Bench. Endocrinology and Metabolism, 2020, 35, 733-749. | 1.3 | 3 |
| 36 | Body weight influences genes related to energy metabolism in human skeletal muscle. FASEB Journal, 2018, 32, 589.4. | 0.2 | 1 |

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| 37 | 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. FASEB Journal, 2020, 34, 1-1. | 0.2 | 0 |
| 38 | The Role of Dietary Essential Amino Acids in Muscle and Health. Food Supplements and Biomaterials for Health, 0, 2, . | 0.3 | 0 |