John A Rathmacher

List of Publications by Year
in descending order

18 papers	892 citations	758635 12 h-index	940134 16 g-index
19 all docs	19 docs citations	19 times ranked	783 citing authors

#	Article	IF	Citations
1	Nutritional Treatment for Acquired Immunodeficiency Virusâ€Associated Wasting Using Î²â€Hydroxy Î²â€Methylbutyrate, Glutamine, and Arginine: A Randomized, Doubleâ€Blind, Placeboâ€Controlled Study. Journal of Parenteral and Enteral Nutrition, 2000, 24, 133-139.	1.3	204
2	Nutritional supplementation of the leucine metabolite Î²-hydroxy-Î²-methylbutyrate (hmb) during resistance training. Nutrition, 2000, 16, 734-739.	1.1	179
3	Yearâ€long Changes in Protein Metabolism in Elderly Men and Women Supplemented With a Nutrition Cocktail of Î²â€Hydroxyâ€Î²â€methylbutyrate (HMB), Lâ€Arginine, and Lâ€Lysine. Journal of Parenteral and Enteral Nutrition, 2009, 33, 71-82.	1.3	105
4	??-Hydroxy-??-Methylbutyrate Supplementation in Critically Ill Trauma Patients. Journal of Trauma, 2007, 62, 125-132.	2.3	80
5	Free acid gel form of Î²-hydroxy-Î²-methylbutyrate (HMB) improves HMB clearance from plasma in human subjects compared with the calcium HMB salt. British Journal of Nutrition, 2011, 105, 367-372.	1.2	60
6	Acute and timing effects of beta-hydroxy-beta-methylbutyrate (HMB) on indirect markers of skeletal muscle damage. Nutrition and Metabolism, 2009, 6, 6.	1.3	48
7	Vitamin D Status Affects Strength Gains in Older Adults Supplemented With a Combination of Î²â€Hydroxyâ€Î²â€Methylbutyrate, Arginine, and Lysine. Journal of Parenteral and Enteral Nutrition, 2011, 35, 757-762.	1.3	48
8	Interaction of Beta-Hydroxy-Beta-Methylbutyrate Free Acid and Adenosine Triphosphate on Muscle Mass, Strength, and Power in Resistance Trained Individuals. Journal of Strength and Conditioning Research, 2016, 30, 1843-1854.	1.0	46
9	Effects of oral adenosine-5â€²-triphosphate supplementation on athletic performance, skeletal muscle hypertrophy and recovery in resistance-trained men. Nutrition and Metabolism, 2013, 10, 57.	1.3	39
10	Adenosine-5'-triphosphate (ATP) supplementation improves low peak muscle torque and torque fatigue during repeated high intensity exercise sets. Journal of the International Society of Sports Nutrition, 2012, 9, 48.	1.7	22
11	Comparison of availability and plasma clearance rates of Î²-hydroxy-Î²-methylbutyrate delivery in the free acid and calcium salt forms. British Journal of Nutrition, 2015, 114, 1403-1409.	1.2	21
12	Long-term Effects of Calcium Î²-Hydroxy-Î²-Methylbutyrate and Vitamin D3 Supplementation on Muscular Function in Older Adults With and Without Resistance Training: A Randomized, Double-blind, Controlled Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 2089-2097.	1.7	17
13	Subchronic toxicity study of Î²-hydroxy-Î²-methylbutyric free acid in Sprague–Dawley rats. Food and Chemical Toxicology, 2014, 67, 145-153.	1.8	9
14	Health and ergogenic potential of oral adenosine-5â€²-triphosphate (ATP) supplementation. Journal of Functional Foods, 2021, 78, 104357.	1.6	6
15	Genotoxicity assessment of calcium Î²-hydroxy-Î²-methylbutyrate. Regulatory Toxicology and Pharmacology, 2018, 100, 68-71.	1.3	4
16	The impact of acute beta-hydroxy-beta-methylbutyrate (HMB) ingestion on glucose and insulin kinetics in young and older men. Journal of Functional Foods, 2020, 73, 104163.	1.6	3
17	Authorsâ€™ Response. Journal of Strength and Conditioning Research, 2018, 32, e4-e6.	1.0	0
18	Acute dose toxicity evaluation of the food supplement calcium 3-hydroxy-3-methylbutyrate (HMB) in female Sprague Dawley rats. Regulatory Toxicology and Pharmacology, 2022, 130, 105133.	1.3	0