Rocco Barazzoni

List of Publications by Year
in descending order

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		81743	58464
112	7,640	39	82
papers	citations	h-index	g-index

112	112	112	9541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein intake and exercise for optimal muscle function with aging: Recommendations from the ESPEN Expert Group. Clinical Nutrition, 2014, 33, 929-936.	2.3	1,108
2	GLIM Criteria for the Diagnosis of Malnutrition: A Consensus Report From the Global Clinical Nutrition Community. Journal of Parenteral and Enteral Nutrition, 2019, 43, 32-40.	1.3	644
3	ESPEN expert statements and practical guidance for nutritional management of individuals with SARS-CoV-2 infection. Clinical Nutrition, 2020, 39, 1631-1638.	2.3	591
4	Effects of Aging on Mitochondrial DNA Copy Number and Cytochromec Oxidase Gene Expression in Rat Skeletal Muscle, Liver, and Heart. Journal of Biological Chemistry, 2000, 275, 3343-3347.	1.6	328
5	Insulin resistance in obesity: an overview of fundamental alterations. Eating and Weight Disorders, 2018, 23, 149-157.	1.2	218
6	Ghrelin regulates mitochondrial-lipid metabolism gene expression and tissue fat distribution in liver and skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E228-E235.	1.8	215
7	Obese adipocytes show ultrastructural features of stressed cells and die of pyroptosis. Journal of Lipid Research, 2013, 54, 2423-2436.	2.0	211
8	Definition and Diagnostic Criteria for Sarcopenic Obesity: ESPEN and EASO Consensus Statement. Obesity Facts, 2022, 15, 321-335.	1.6	209
9	Relationships between Desacylated and Acylated Ghrelin and Insulin Sensitivity in the Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3935-3940.	1.8	205
10	Critical appraisal of definitions and diagnostic criteria for sarcopenic obesity based on a systematic review. Clinical Nutrition, 2020, 39, 2368-2388.	2.3	193
11	Impact of the first COVID-19 lockdown on body weight: A combined systematic review and a meta-analysis. Clinical Nutrition, 2022, 41, 3046-3054.	2.3	151
12	Towards a multidisciplinary approach to understand and manage obesity and related diseases. Clinical Nutrition, 2017, 36, 917-938.	2.3	141
13	Sarcopenic Obesity: Time to Meet the Challenge. Obesity Facts, 2018, 11, 294-305.	1.6	140
14	Sarcopenic obesity: Time to meet the challenge. Clinical Nutrition, 2018, 37, 1787-1793.	2.3	133
15	Perioperative nutrition: Recommendations from the ESPEN expert group. Clinical Nutrition, 2020, 39, 3211-3227.	2.3	132
16	Definition and diagnostic criteria for sarcopenic obesity: ESPEN and EASO consensus statement. Clinical Nutrition, 2022, 41, 990-1000.	2.3	117
17	The GLIM criteria as an effective tool for nutrition assessment and survival prediction in older adult cancer patients. Clinical Nutrition, 2021, 40, 1224-1232.	2.3	112
18	Hyperleptinemia prevents increased plasma ghrelin concentration during short-term moderate caloric restriction in rats. Gastroenterology, 2003, 124, 1188-1192.	0.6	110

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19	ESPEN guideline on clinical nutrition in hospitalized patients with acute or chronic kidney disease. Clinical Nutrition, 2021, 40, 1644-1668.	2.3	103
20	Guidance for assessment of the muscle mass phenotypic criterion for the Global Leadership Initiative on Malnutrition (GLIM) diagnosis of malnutrition. Clinical Nutrition, 2022, 41, 1425-1433.	2.3	101
21	T3 increases mitochondrial ATP production in oxidative muscle despite increased expression of UCP2 and -3. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E761-E769.	1.8	80
22	Caloric restriction improves endothelial dysfunction during vascular aging: Effects on nitric oxide synthase isoforms and oxidative stress in rat aorta. Experimental Gerontology, 2010, 45, 848-855.	1.2	80
23	Standard operating procedures for ESPEN guidelines and consensus papers. Clinical Nutrition, 2015, 34, 1043-1051.	2.3	71
24	Global Leadership Initiative on Malnutrition (GLIM): Guidance on Validation of the Operational Criteria for the Diagnosis of Proteinâ€Energy Malnutrition in Adults. Journal of Parenteral and Enteral Nutrition, 2020, 44, 992-1003.	1.3	71
25	Metabolic consequences of physical inactivity. , 2005, 15, 49-53.		66
26	Ghrelin Enhances in Vivo Skeletal Muscle But Not Liver AKT Signaling in Rats. Obesity, 2007, 15, 2614-2623.	1.5	65
27	AAV-mediated in vivo functional selection of tissue-protective factors against ischaemia. Nature Communications, 2015, 6, 7388.	5.8	65
28	Effectiveness and efficacy of nutritional therapy: A systematic review following Cochrane methodology. Clinical Nutrition, 2017, 36, 939-957.	2.3	65
29	Circulating pentraxin 3 levels are higher in metabolic syndrome with subclinical atherosclerosis: evidence for association with atherogenic lipid profile. Clinical and Experimental Medicine, 2009, 9, 243-248.	1.9	64
30	Unacylated Ghrelin Reduces Skeletal Muscle Reactive Oxygen Species Generation and Inflammation and Prevents High-Fat Dietâ€"Induced Hyperglycemia and Whole-Body Insulin Resistance in Rodents. Diabetes, 2016, 65, 874-886.	0.3	64
31	Update on the Impact of Omega 3 Fatty Acids on Inflammation, Insulin Resistance and Sarcopenia: A Review. International Journal of Molecular Sciences, 2018, 19, 218.	1.8	58
32	A simple remote nutritional screening tool and practical guidance for nutritional care in primary practice during the COVID-19 pandemic. Clinical Nutrition, 2020, 39, 1983-1987.	2.3	58
33	Combined effects of ghrelin and higher food intake enhance skeletal muscle mitochondrial oxidative capacity and AKT phosphorylation in rats with chronic kidney disease. Kidney International, 2010, 77, 23-28.	2.6	57
34	Insulin Acutely Increases Fibrinogen Production in Individuals With Type 2 Diabetes but Not in Individuals Without Diabetes. Diabetes, 2003, 52, 1851-1856.	0.3	56
35	Changes in uncoupling protein-2 and -3 expression in aging rat skeletal muscle, liver, and heart. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E413-E419.	1.8	52
36	Treatment with n-3 polyunsaturated fatty acids reverses endothelial dysfunction and oxidative stress in experimental menopause. Journal of Nutritional Biochemistry, 2013, 24, 371-379.	1.9	52

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37	The centenary of the Harrisâ€“Benedict equations: How to assess energy requirements best? Recommendations from the ESPEN expert group. Clinical Nutrition, 2021, 40, 690-701.	2.3	48
38	Omega-3 Polyunsaturated Fatty Acids: Structural and Functional Effects on the Vascular Wall. BioMed Research International, 2015, 2015, 1-14.	0.9	46
39	Acylated ghrelin treatment normalizes skeletal muscle mitochondrial oxidative capacity and AKT phosphorylation in rat chronic heart failure. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 991-998.	2.9	43
40	Insulin Resistance in Chronic Uremia. , 2009, 19, 20-24.		41
41	Insulin fails to enhance mTOR phosphorylation, mitochondrial protein synthesis, and ATP production in human skeletal muscle without amino acid replacement. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1117-E1125.	1.8	41
42	Nutrition education in medical schools (NEMS). An ESPEN position paper. Clinical Nutrition, 2019, 38, 969-974.	2.3	41
43	Double burden of malnutrition in persons with obesity. Reviews in Endocrine and Metabolic Disorders, 2020, 21, 307-313.	2.6	39
44	Gastric bypass does not normalize obesityâ€related changes in ghrelin profile and leads to higher acylated ghrelin fraction. Obesity, 2013, 21, 718-722.	1.5	37
45	Scored-GLIM as an effective tool to assess nutrition status and predict survival in patients with cancer. Clinical Nutrition, 2021, 40, 4225-4233.	2.3	37
46	Moderate Caloric Restriction, But Not Physiological Hyperleptinemia Per Se, Enhances Mitochondrial Oxidative Capacity in Rat Liver and Skeletal Muscleâ€"Tissue-Specific Impact on Tissue Triglyceride Content and AKT Activation. Endocrinology, 2005, 146, 2098-2106.	1.4	36
47	Unacylated ghrelin normalizes skeletal muscle oxidative stress and prevents muscle catabolism by enhancing tissue mitophagy in experimental chronic kidney disease. FASEB Journal, 2017, 31, 5159-5171.	0.2	36
48	Guidance for assessment of the muscle mass phenotypic criterion for the Global Leadership Initiative on Malnutrition diagnosis of malnutrition. Journal of Parenteral and Enteral Nutrition, 2022, 46, 1232-1242.	1.3	36
49	Skeletal muscle mitochondrial protein metabolism and function in ageing and type 2 diabetes. Current Opinion in Clinical Nutrition and Metabolic Care, 2004, 7, 97-102.	1.3	34
50	Higher total ghrelin levels are associated with higher insulin-mediated glucose disposal in non-diabetic maintenance hemodialysis patients. Clinical Nutrition, 2008, 27, 142-149.	2.3	33
51	Acylated ghrelin limits fat accumulation and improves redox state and inflammation markers in the liver of highâ€fatâ€fed rats. Obesity, 2014, 22, 170-177.	1.5	33
52	Inflammation and Insulin Resistance in Uremia. , 2008, 18, 70-75.		32
53	The Quantity of Meal Fat Influences the Profile of Postprandial Hormones as Well as Hunger Sensation in Healthy Elderly People. Journal of the American Medical Directors Association, 2010, 11, 188-193.	1.2	32
54	Metabolic Syndrome and Chronic Kidney Disease. , 2010, 20, S19-S23.		32

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55	Omega 3 Polyunsaturated Fatty Acids Improve Endothelial Dysfunction in Chronic Renal Failure: Role of eNOS Activation and of Oxidative Stress. Nutrients, 2017, 9, 895.	1.7	32
56	Nutritional management of individuals with obesity and COVID-19: ESPEN expert statements and practical guidance. Clinical Nutrition, 2022, 41, 2869-2886.	2.3	30
57	Low fat adiponectin expression is associated with oxidative stress in nondiabetic humans with chronic kidney diseaseâ€"impact on plasma adiponectin concentration. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R47-R54.	0.9	29
58	High-Fat Diet with Acyl-Ghrelin Treatment Leads to Weight Gain with Low Inflammation, High Oxidative Capacity and Normal Triglycerides in Rat Muscle. PLoS ONE, 2011, 6, e26224.	1.1	29
59	Poor nutritional status but not cognitive or functional impairment perÂse independently predict 1 year mortality in elderly patients with hip-fracture. Clinical Nutrition, 2019, 38, 1607-1612.	2.3	29
60	The Relevance of Diet, Physical Activity, Exercise, and Persuasive Technology in the Prevention and Treatment of Sarcopenic Obesity in Older Adults. Frontiers in Nutrition, 2021, 8, 661449.	1.6	28
61	Mechanisms of altered protein turnover in chronic diseases: a review of human kinetic studies. Current Opinion in Clinical Nutrition and Metabolic Care, 2003, 6, 55-63.	1.3	26
62	The Association between Hematological Parameters and Insulin Resistance Is Modified by Body Mass Index â€“ Results from the North-East Italy MoMa Population Study. PLoS ONE, 2014, 9, e101590.	1.1	25
63	Central adiposity markers, plasma lipid profile and cardiometabolic risk prediction in overweight-obese individuals. Clinical Nutrition, 2019, 38, 1171-1179.	2.3	25
64	A year with the GLIM diagnosis of malnutrition â€“ does it work for older persons?. Current Opinion in Clinical Nutrition and Metabolic Care, 2021, 24, 4-9.	1.3	25
65	Lack of direct effect of moderate hyperleptinemia to improve endothelial function in lean rat aorta: role of calorie restriction. Atherosclerosis, 2004, 175, 253-259.	0.4	24
66	Ghrelin forms in the modulation of energy balance and metabolism. Eating and Weight Disorders, 2019, 24, 997-1013.	1.2	24
67	Obesity and high waist circumference are associated with low circulating pentraxin-3 in acute coronary syndrome. Cardiovascular Diabetology, 2013, 12, 167.	2.7	23
68	Clinical nutrition and human rights. An international position paper. Clinical Nutrition, 2021, 40, 4029-4036.	2.3	23
69	Therapeutic strategies for sarcopenic obesity: a systematic review. Current Opinion in Clinical Nutrition and Metabolic Care, 2021, 24, 33-41.	1.3	19
70	Unacylated Ghrelin Improves Vascular Dysfunction and Attenuates Atherosclerosis during High-Fat Diet Consumption in Rodents. International Journal of Molecular Sciences, 2019, 20, 499.	1.8	18
71	HELP LDL Apheresis Reduces Plasma Pentraxin 3 in Familial Hypercholesterolemia. PLoS ONE, 2014, 9, e101290.	1.1	18
72	Lack of Fibronectin Extra Domain A Alternative Splicing Exacerbates Endothelial Dysfunction in Diabetes. Scientific Reports, 2016, 6, 37965.	1.6	17

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73	Gastric bypassâ€“induced weight loss alters obesity-associated patterns of plasma pentraxin-3 and systemic inflammatory markers. Surgery for Obesity and Related Diseases, 2016, 12, 23-32.	1.0	17
74	Clinical Biomarkers in Metabolic Syndrome. Nutrition in Clinical Practice, 2014, 29, 215-221.	1.1	16
75	Association Between Systemic Inflammation and Malnutrition With Survival in Patients With Cancer Sarcopeniaâ€”A Prospective Multicenter Study. Frontiers in Nutrition, 2021, 8, 811288.	1.6	16
76	High plasma retinol binding protein 4 (RBP4) is associated with systemic inflammation independently of low RBP4 adipose expression and is normalized by transplantation in nonobese, nondiabetic patients with chronic kidney disease. Clinical Endocrinology, 2011, 75, 56-63.	1.2	15
77	Myostatin expression is not altered by insulin deficiency and replacement in streptozotocin-diabetic rat skeletal muscles. Clinical Nutrition, 2004, 23, 1413-1417.	2.3	14
78	Adipokines, Ghrelin and Obesityâ€Associated Insulin Resistance in Nondiabetic Patients with Acute Coronary Syndrome. Obesity, 2012, 20, 2348-2353.	1.5	14
79	PG-SGA SF in nutrition assessment and survival prediction for elderly patients with cancer. BMC Geriatrics, 2021, 21, 687.	1.1	14
80	Ghrelin and Muscle Metabolism in Chronic Uremia. , 2012, 22, 171-175.		13
81	Global Leadership Initiative on Malnutrition criteria as a nutrition assessment tool for patients with cancer. Nutrition, 2021, 91-92, 111379.	1.1	13
82	Prevalence and Prognostic Value of Malnutrition Among Elderly Cancer Patients Using Three Scoring Systems. Frontiers in Nutrition, 2021, 8, 738550.	1.6	13
83	Inflammation and Adipose Tissue in Uremia. , 2006, 16, 204-207.		12
84	A negative impact of recent weight loss on in-hospital mortality is not modified by overweight and obesity. Clinical Nutrition, 2020, 39, 2510-2516.	2.3	12
85	Fighting Protein-Energy Wasting in Chronic Kidney Disease: A Challenge of Complexity. , 2011, 21, 2-6.		11
86	n-3 PUFA dietary lipid replacement normalizes muscle mitochondrial function and oxidative stress through enhanced tissue mitophagy and protects from muscle wasting in experimental kidney disease. Metabolism: Clinical and Experimental, 2022, 133, 155242.	1.5	11
87	The Impact of Protein Supplementation Targeted at Improving Muscle Mass on Strength in Cancer Patients: A Scoping Review. Nutrients, 2020, 12, 2099.	1.7	10
88	Higher unacylated ghrelin and insulin sensitivity following dietary restriction and weight loss in obese humans. Clinical Nutrition, 2021, 40, 638-644.	2.3	10
89	Nutritional care is a human right: Translating principles to clinical practice. Nutrition in Clinical Practice, 2022, 37, 743-751.	1.1	10
90	The Cartagena Declaration: A call for global commitment to fight for the right to nutritional care. Clinical Nutrition, 2019, 38, 2458-2459.	2.3	9

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91	Metabolic effects of ghrelin and its potential implications in uremia. , 2005, 15, 111-115.		8
92	Ghrelin Derangements in Idiopathic Dilated Cardiomyopathy: Impact of Myocardial Disease Duration and Left Ventricular Ejection Fraction. Journal of Clinical Medicine, 2019, 8, 1152.	1.0	8
93	Unacylated Ghrelin: A Novel Regulator of Muscle Intermediate Metabolism With Potential Beneficial Effects in Chronic Kidney Disease. , 2017, 27, 474-477.		7
94	Impaired hydration status in acutely admitted older patients: prevalence and impact on mortality. Age and Ageing, 2021, 50, 1151-1158.	0.7	7
95	Predictors of short- and long-term mortality among acutely admitted older patients: role of inflammation and frailty. Aging Clinical and Experimental Research, 2022, 34, 409-418.	1.4	7
96	Nutritional care is a human right: Translating principles to clinical practice. Clinical Nutrition, 2022, 41, 1613-1618.	2.3	7
97	Insulin downregulates SIRT1 and AMPK activation and is associated with changes in liver fat, but not in inflammation and mitochondrial oxidative capacity, in streptozotocin-diabetic rat. Clinical Nutrition, 2011, 30, 384-390.	2.3	6
98	Ghrelin and Insulin Secretion in Humans: Not a Tale of Two Hormones?. Diabetes, 2014, 63, 2213-2215.	0.3	6
99	Gender-Specific Association of Desacylated Ghrelin with Subclinical Atherosclerosis in the Metabolic Syndrome. Archives of Medical Research, 2017, 48, 441-448.	1.5	6
100	Preserved Skeletal Muscle Mitochondrial Function, Redox State, Inflammation and Mass in Obese Mice with Chronic Heart Failure. Nutrients, 2020, 12, 3393.	1.7	6
101	Accelerated whole-body protein catabolism in subjects with type 2 Diabetes Mellitus and albuminuria. PLoS ONE, 2020, 15, e0243638.	1.1	5
102	Modulating Mitochondrial Fission to Lower Diabetic Oxidative Stress: FIG. 1.. Diabetes, 2012, 61, 1915-1917.	0.3	4
103	Unacylated ghrelin does not alter mitochondrial function, redox state and triglyceride content in rat liver inÂvivo. Clinical Nutrition Experimental, 2015, 4, 1-7.	2.0	4
104	Obesity: focus on ongoing multidisciplinary and comprehensive research. Eating and Weight Disorders, 2018, 23, 1-1.	1.2	4
105	Clinical Nutrition and Human Rights. An International Position Paper. Nutrition in Clinical Practice, 2021, 36, 534-544.	1.1	4
106	Decreased VLDL-Apo B 100 Fractional Synthesis Rate Despite Hypertriglyceridemia in Subjects With Type 2 Diabetes and Nephropathy. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4098-4105.	1.8	3
107	Health insurance or subsidy has universal advantage for management of hospital malnutrition unrelated to GDP. Asia Pacific Journal of Clinical Nutrition, 2017, 26, 247-254.	0.3	3
108	Clinical Nutrition University: Muscle physiology and bioenergetics. European E-journal of Clinical Nutrition and Metabolism, 2011, 6, e158-e164.	0.4	2

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109	Practical guidelines and apps for improvement of guideline implementation. Clinical Nutrition, 2020, 39, 2943-2944.	2.3	2
110	Gastric Bypass Does Not Normalize Obesity-Related Changes in Ghrelin Profile and Leads to Higher Acylated Ghrelin Fraction. Obesity, 0, , .	1.5	2
111	Response to â€œLean body mass should not be used as a surrogate measurement of muscle mass in malnourished men and women: Comment on Compher et alâ€• Journal of Parenteral and Enteral Nutrition, 2022, 46, 1500-1501.	1.3	2
112	Muscle Biopsy To Investigate Mitochondrial Turnover. , 2012, , 67-84.		0