

# Michela Zanetti

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

3,322  
citations

147566

31  
h-index

182168

51  
g-index

103  
all docs

103  
docs citations

103  
times ranked

4595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ghrelin regulates mitochondrial-lipid metabolism gene expression and tissue fat distribution in liver and skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E228-E235.	1.8	215
2	Relationships between Desacylated and Acylated Ghrelin and Insulin Sensitivity in the Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3935-3940.	1.8	205
3	Nutrition support in the time of SARS-CoV-2 (COVID-19). <i>Nutrition</i> , 2020, 74, 110834.	1.1	143
4	The Spectrum of Malnutrition/Cachexia/Sarcopenia in Oncology According to Different Cancer Types and Settings: A Narrative Review. <i>Nutrients</i> , 2021, 13, 1980.	1.7	135
5	Short-term bed rest impairs amino acid-induced protein anabolism in humans. <i>Journal of Physiology</i> , 2004, 558, 381-388.	1.3	119
6	Calorie restriction accelerates the catabolism of lean body mass during 2 wk of bed rest. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 366-372.	2.2	111
7	Hyperleptinemia prevents increased plasma ghrelin concentration during short-term moderate caloric restriction in rats. <i>Gastroenterology</i> , 2003, 124, 1188-1192.	0.6	110
8	Caloric restriction improves endothelial dysfunction during vascular aging: Effects on nitric oxide synthase isoforms and oxidative stress in rat aorta. <i>Experimental Gerontology</i> , 2010, 45, 848-855.	1.2	80
9	Calorie Restriction Modulates Inactivity-Induced Changes in the Inflammatory Markers C-Reactive Protein and Pentraxin-3. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3226-3229.	1.8	76
10	Metabolic consequences of physical inactivity. , 2005, 15, 49-53.		66
11	Ghrelin Enhances in Vivo Skeletal Muscle But Not Liver AKT Signaling in Rats. <i>Obesity</i> , 2007, 15, 2614-2623.	1.5	65
12	Circulating pentraxin 3 levels are higher in metabolic syndrome with subclinical atherosclerosis: evidence for association with atherogenic lipid profile. <i>Clinical and Experimental Medicine</i> , 2009, 9, 243-248.	1.9	64
13	Unacylated Ghrelin Reduces Skeletal Muscle Reactive Oxygen Species Generation and Inflammation and Prevents High-Fat Diet-Induced Hyperglycemia and Whole-Body Insulin Resistance in Rodents. <i>Diabetes</i> , 2016, 65, 874-886.	0.3	64
14	Update on the Impact of Omega 3 Fatty Acids on Inflammation, Insulin Resistance and Sarcopenia: A Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 218.	1.8	58
15	Combined effects of ghrelin and higher food intake enhance skeletal muscle mitochondrial oxidative capacity and AKT phosphorylation in rats with chronic kidney disease. <i>Kidney International</i> , 2010, 77, 23-28.	2.6	57
16	Insulin Acutely Increases Fibrinogen Production in Individuals With Type 2 Diabetes but Not in Individuals Without Diabetes. <i>Diabetes</i> , 2003, 52, 1851-1856.	0.3	56
17	Treating hyperglycemia improves skeletal muscle protein metabolism in cancer patients after major surgery. <i>Critical Care Medicine</i> , 2008, 36, 1768-1775.	0.4	53
18	Treatment with n-3 polyunsaturated fatty acids reverses endothelial dysfunction and oxidative stress in experimental menopause. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 371-379.	1.9	52

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19	Superoxide Anions and Endothelial Cell Proliferation in Normoglycemia and Hyperglycemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 195-200.	1.1	46
20	Omega-3 Polyunsaturated Fatty Acids: Structural and Functional Effects on the Vascular Wall. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	46
21	Acylated ghrelin treatment normalizes skeletal muscle mitochondrial oxidative capacity and AKT phosphorylation in rat chronic heart failure. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 991-998.	2.9	43
22	Relation between the plasma levels of LDL-cholesterol and the expression of the early marker of inflammation long pentraxin PTX3 and the stress response gene p66(ShcA) in pacemaker-implanted patients. <i>Clinical and Experimental Medicine</i> , 2007, 7, 16-23.	1.9	42
23	Insulin Resistance in Chronic Uremia. , 2009, 19, 20-24.		41
24	Inhibitory effects of fenofibrate on apoptosis and cell proliferation in human endothelial cells in high glucose. <i>Journal of Molecular Medicine</i> , 2008, 86, 185-195.	1.7	38
25	Gastric bypass does not normalize obesity-related changes in ghrelin profile and leads to higher acylated ghrelin fraction. <i>Obesity</i> , 2013, 21, 718-722.	1.5	37
26	Gene Transfer of Manganese Superoxide Dismutase Reverses Vascular Dysfunction in the Absence But Not in the Presence of Atherosclerotic Plaque. <i>Human Gene Therapy</i> , 2001, 12, 1407-1416.	1.4	36
27	Moderate Caloric Restriction, But Not Physiological Hyperleptinemia Per Se, Enhances Mitochondrial Oxidative Capacity in Rat Liver and Skeletal Muscle—Tissue-Specific Impact on Tissue Triglyceride Content and AKT Activation. <i>Endocrinology</i> , 2005, 146, 2098-2106.	1.4	36
28	Unacylated ghrelin normalizes skeletal muscle oxidative stress and prevents muscle catabolism by enhancing tissue mitophagy in experimental chronic kidney disease. <i>FASEB Journal</i> , 2017, 31, 5159-5171.	0.2	36
29	Prediction of early- and long-term mortality in adult patients acutely admitted to internal medicine: NRS-2002 and beyond. <i>Clinical Nutrition</i> , 2020, 39, 1092-1100.	2.3	36
30	Adenoviral-mediated overexpression of catalase inhibits endothelial cell proliferation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H2620-H2626.	1.5	35
31	Higher total ghrelin levels are associated with higher insulin-mediated glucose disposal in non-diabetic maintenance hemodialysis patients. <i>Clinical Nutrition</i> , 2008, 27, 142-149.	2.3	33
32	Acylated ghrelin limits fat accumulation and improves redox state and inflammation markers in the liver of high-fat-fed rats. <i>Obesity</i> , 2014, 22, 170-177.	1.5	33
33	Inflammation and Insulin Resistance in Uremia. , 2008, 18, 70-75.		32
34	The Quantity of Meal Fat Influences the Profile of Postprandial Hormones as Well as Hunger Sensation in Healthy Elderly People. <i>Journal of the American Medical Directors Association</i> , 2010, 11, 188-193.	1.2	32
35	Metabolic Syndrome and Chronic Kidney Disease. , 2010, 20, S19-S23.		32
36	Omega 3 Polyunsaturated Fatty Acids Improve Endothelial Dysfunction in Chronic Renal Failure: Role of eNOS Activation and of Oxidative Stress. <i>Nutrients</i> , 2017, 9, 895.	1.7	32

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37	Albumin and Fibrinogen Synthesis and Insulin Effect in Type 2 Diabetic Patients With Normoalbuminuria. <i>Diabetes Care</i> , 2006, 29, 323-328.	4.3	30
38	Appropriateness of oral anticoagulant therapy prescription and its associated factors in hospitalized older people with atrial fibrillation. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 2010-2019.	1.1	30
39	Low fat adiponectin expression is associated with oxidative stress in nondiabetic humans with chronic kidney diseaseâ€”impact on plasma adiponectin concentration. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R47-R54.	0.9	29
40	High-Fat Diet with Acyl-Ghrelin Treatment Leads to Weight Gain with Low Inflammation, High Oxidative Capacity and Normal Triglycerides in Rat Muscle. <i>PLoS ONE</i> , 2011, 6, e26224.	1.1	29
41	Poor nutritional status but not cognitive or functional impairment perÂ¿se independently predict 1 year mortality in elderly patients with hip-fracture. <i>Clinical Nutrition</i> , 2019, 38, 1607-1612.	2.3	29
42	The role of substrates in the regulation of protein metabolism. <i>Bailliere's Clinical Endocrinology and Metabolism</i> , 1996, 10, 511-532.	1.0	28
43	Association of interferon-Î³ +874A polymorphism with reduced long-term inflammatory response in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 1317-1322.	0.4	27
44	Mechanisms of altered protein turnover in chronic diseases: a review of human kinetic studies. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2003, 6, 55-63.	1.3	26
45	Postprandial body protein synthesis and amino acid catabolism measured with leucine and phenylalanine-tyrosine tracers. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E1037-E1042.	1.8	26
46	Dysregulation of the endothelial nitric oxide synthaseâ€”soluble guanylate cyclase pathway is normalized by insulin in the aorta of diabetic rat. <i>Atherosclerosis</i> , 2005, 181, 69-73.	0.4	26
47	Response of muscle protein and glutamine kinetics to branched-chainâ€”enriched amino acids in intensive care patients after radical cancer surgery. <i>Nutrition</i> , 2006, 22, 475-482.	1.1	26
48	The Association between Hematological Parameters and Insulin Resistance Is Modified by Body Mass Index â€” Results from the North-East Italy MoMa Population Study. <i>PLoS ONE</i> , 2014, 9, e101590.	1.1	25
49	Central adiposity markers, plasma lipid profile and cardiometabolic risk prediction in overweight-obese individuals. <i>Clinical Nutrition</i> , 2019, 38, 1171-1179.	2.3	25
50	Lack of direct effect of moderate hyperleptinemia to improve endothelial function in lean rat aorta: role of calorie restriction. <i>Atherosclerosis</i> , 2004, 175, 253-259.	0.4	24
51	Phenylalanine and tyrosine kinetics in compensated liver cirrhosis: effects of meal ingestion. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G598-G604.	1.6	24
52	Identifying reliable predictors of protein-energy malnutrition in hospitalized frail older adults: A prospective longitudinal study. <i>International Journal of Nursing Studies</i> , 2018, 82, 40-48.	2.5	24
53	Obesity and high waist circumference are associated with low circulating pentraxin-3 in acute coronary syndrome. <i>Cardiovascular Diabetology</i> , 2013, 12, 167.	2.7	23
54	Analysis of Superoxide Anion Production in Tissue. , 2005, 108, 065-072.		21

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55	In Vivo Gene Transfer of Inducible Nitric Oxide Synthase to Carotid Arteries From Hypercholesterolemic Rabbits. <i>Stroke</i> , 2003, 34, 1293-1298.	1.0	20
56	Plasma protein synthesis in patients with low-grade nephrotic proteinuria. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 280, E591-E597.	1.8	19
57	Sepsis outside intensive care unit: the other side of the coin. <i>Infection</i> , 2015, 43, 1-11.	2.3	19
58	Unacylated Ghrelin Improves Vascular Dysfunction and Attenuates Atherosclerosis during High-Fat Diet Consumption in Rodents. <i>International Journal of Molecular Sciences</i> , 2019, 20, 499.	1.8	18
59	Pattern of comorbidities and 1-year mortality in elderly patients with COPD hospitalized in internal medicine wards: data from the RePoSI Registry. <i>Internal and Emergency Medicine</i> , 2021, 16, 389-400.	1.0	18
60	HELP LDL Apheresis Reduces Plasma Pentraxin 3 in Familial Hypercholesterolemia. <i>PLoS ONE</i> , 2014, 9, e101290.	1.1	18
61	Lack of Fibronectin Extra Domain A Alternative Splicing Exacerbates Endothelial Dysfunction in Diabetes. <i>Scientific Reports</i> , 2016, 6, 37965.	1.6	17
62	Gastric bypass-induced weight loss alters obesity-associated patterns of plasma pentraxin-3 and systemic inflammatory markers. <i>Surgery for Obesity and Related Diseases</i> , 2016, 12, 23-32.	1.0	17
63	Expression and Function of Recombinant Endothelial Nitric Oxide Synthase in Human Endothelial Cells. <i>Journal of Vascular Research</i> , 2000, 37, 449-456.	0.6	16
64	Supplementation of Omega-3 Polyunsaturated Fatty Acids Prevents Increase in Arterial Stiffness After Experimental Menopause. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2014, 19, 114-120.	1.0	16
65	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. <i>Clinical Endocrinology</i> , 2011, 75, 56-63.	1.2	15
66	Myostatin expression is not altered by insulin deficiency and replacement in streptozotocin-diabetic rat skeletal muscles. <i>Clinical Nutrition</i> , 2004, 23, 1413-1417.	2.3	14
67	Chronic systemic inflammation in uremia: Potential therapeutic approaches. <i>Seminars in Nephrology</i> , 2004, 24, 441-445.	0.6	14
68	Adipokines, Ghrelin and Obesity-Associated Insulin Resistance in Nondiabetic Patients with Acute Coronary Syndrome. <i>Obesity</i> , 2012, 20, 2348-2353.	1.5	14
69	Ghrelin and Muscle Metabolism in Chronic Uremia. , 2012, 22, 171-175.		13
70	Impact of a natural versus commercial enteral-feeding on the occurrence of diarrhea in critically ill cardiac surgery patients. A retrospective cohort study. <i>International Journal of Nursing Studies</i> , 2020, 108, 103605.	2.5	13
71	Inflammation and Adipose Tissue in Uremia. , 2006, 16, 204-207.		12
72	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. <i>Metabolism: Clinical and Experimental</i> , 2022, 133, 155242.	1.5	11

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73	The impact of inflammation on metabolic regulation in chronic kidney disease: A review. , 2005, 15, 121-124.		10
74	Heterogeneous models for an early discrimination between sepsis and non-infective SIRS in medical ward patients: a pilot study. Internal and Emergency Medicine, 2014, 9, 749-757.	1.0	10
75	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
76	Higher unacylated ghrelin and insulin sensitivity following dietary restriction and weight loss in obese humans. Clinical Nutrition, 2021, 40, 638-644.	2.3	10
77	Effects of branched-chain-enriched amino acids and insulin on forearm leucine kinetics. Clinical Science, 1999, 97, 437.	1.8	9
78	Metabolic effects of ghrelin and its potential implications in uremia. , 2005, 15, 111-115.		8
79	Disseminated tuberculosis in an immunocompetent patient. International Journal of Infectious Diseases, 2013, 17, e784-e786.	1.5	8
80	Baroreflex sensitivity and central hemodynamics after omega-3 polyunsaturated fatty acids supplementation in an animal model of menopause. Vascular Pharmacology, 2015, 71, 65-69.	1.0	8
81	Use of oral anticoagulant drugs in older patients with atrial fibrillation in internal medicine wards. European Journal of Internal Medicine, 2018, 52, e12-e14.	1.0	8
82	Unacylated Ghrelin: A Novel Regulator of Muscle Intermediate Metabolism With Potential Beneficial Effects in Chronic Kidney Disease. , 2017, 27, 474-477.		7
83	Impaired hydration status in acutely admitted older patients: prevalence and impact on mortality. Age and Ageing, 2021, 50, 1151-1158.	0.7	7
84	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
85	Hemodialysis Induces p66shc Gene Expression in Nondiabetic Humans: Correlations with Oxidative Stress and Systemic Inflammation. , 2011, 21, 401-409.		6
86	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
87	Gender-Specific Association of Desacylated Ghrelin with Subclinical Atherosclerosis in the Metabolic Syndrome. Archives of Medical Research, 2017, 48, 441-448.	1.5	6
88	Preserved Skeletal Muscle Mitochondrial Function, Redox State, Inflammation and Mass in Obese Mice with Chronic Heart Failure. Nutrients, 2020, 12, 3393.	1.7	6
89	Effect of Whey Proteins on Malnutrition and Extubating Time of Critically Ill COVID-19 Patients. Nutrients, 2022, 14, 437.	1.7	6
90	Hospital Care of Older Patients With COPD: Adherence to International Guidelines for Use of Inhaled Bronchodilators and Corticosteroids. Journal of the American Medical Directors Association, 2019, 20, 1313-1317.e9.	1.2	5

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91	Accelerated whole-body protein catabolism in subjects with type 2 Diabetes Mellitus and albuminuria. PLoS ONE, 2020, 15, e0243638.	1.1	5
92	Vascular Sources of Oxidative Stress: Implications for Uremia-Related Cardiovascular Disease. , 2007, 17, 53-56.		4
93	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
94	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
95	Stageâ€related implications of communityâ€acquired pressure injuries for the acute medical inpatients. Journal of Clinical Nursing, 2021, 30, 712-724.	1.4	3
96	CLINICAL NUTRITION IN INTERNAL MEDICINE: AN ITALIAN SURVEY BY THE SCIENTIFIC SOCIETIES FADOI AND SINPE. Nutrition, 2022, 98, 111623.	1.1	3
97	SINPE Position Paper on the use of home parenteral nutrition in cancer patients. Nutrition, 2022, 95, 111578.	1.1	3
98	Postoperative Dehydration Is Associated with Frailty and Decreased Survival in Older Patients with Hip Fracture. Nutrients, 2022, 14, 820.	1.7	3
99	Prevalence of use and appropriateness of antidepressants prescription in acutely hospitalized elderly patients. European Journal of Internal Medicine, 2019, 68, e7-e11.	1.0	2
100	Gastric Bypass Does Not Normalize Obesity-Related Changes in Ghrelin Profile and Leads to Higher Acylated Ghrelin Fraction. Obesity, 0, , .	1.5	2
101	SINPE Position Paper on the use of home parenteral nutrition in cancer patients. Supportive Care in Cancer, 2022, 30, 2909-2914.	1.0	2
102	Black esophagus. Journal of Acute Medicine, 2015, 5, 107-108.	0.2	0
103	Reply-Letter to the Editor â€“ Methodological issues on prediction of early- and long-term mortality in adult patients acutely admitted to internal medicine. Clinical Nutrition, 2019, 38, 2455-2456.	2.3	0