

Michela Zanetti

List of Publications by Citations

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97
papers

2,564
citations

29
h-index

46
g-index

103
ext. papers

2,896
ext. citations

4.6
avg, IF

4.89
L-index

#	Paper	IF	Citations
97	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, E228-35	6.6	182
96	Relationships between desacylated and acylated ghrelin and insulin sensitivity in the metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 3935-40	5.6	171
95	Short-term bed rest impairs amino acid-induced protein anabolism in humans. <i>Journal of Physiology</i> , 2004 , 558, 381-8	3.9	101
94	Calorie restriction accelerates the catabolism of lean body mass during 2 wk of bed rest. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 366-72	7	97
93	Hyperleptinemia prevents increased plasma ghrelin concentration during short-term moderate caloric restriction in rats. <i>Gastroenterology</i> , 2003 , 124, 1188-92	13.3	97
92	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, 848-55	4.5	74
91	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, 3226-9	5.6	67
90	Ghrelin enhances in vivo skeletal muscle but not liver AKT signaling in rats. <i>Obesity</i> , 2007 , 15, 2614-23	8	58
89	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, 243-8 ^{4.9}	4.9	57
88	Metabolic consequences of physical inactivity. <i>Journal of Renal Nutrition</i> , 2005 , 15, 49-53	3	51
87	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, 874-86	0.9	47
86	Treatment with n-3 polyunsaturated fatty acids reverses endothelial dysfunction and oxidative stress in experimental menopause. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 371-9	6.3	46
85	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, 23-8	9.9	46
84	Treating hyperglycemia improves skeletal muscle protein metabolism in cancer patients after major surgery. <i>Critical Care Medicine</i> , 2008 , 36, 1768-75	1.4	46
83	Insulin acutely increases fibrinogen production in individuals with type 2 diabetes but not in individuals without diabetes. <i>Diabetes</i> , 2003 , 52, 1851-6	0.9	43
82	Superoxide anions and endothelial cell proliferation in normoglycemia and hyperglycemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 195-200	9.4	41
81	Inhibitory effects of fenofibrate on apoptosis and cell proliferation in human endothelial cells in high glucose. <i>Journal of Molecular Medicine</i> , 2008 , 86, 185-95	5.5	38

80	Omega-3 Polyunsaturated Fatty Acids: Structural and Functional Effects on the Vascular Wall. <i>BioMed Research International</i> , 2015 , 2015, 791978	3	37
79	Insulin resistance in chronic uremia. <i>Journal of Renal Nutrition</i> , 2009 , 19, 20-4	3	34
78	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 p66ShcA in pacemaker-implanted patients. <i>Clinical and Experimental Medicine</i> , 2007 , 7, 16-23	4.9	34
77	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, 2098-106	4.8	34
76	Adenoviral-mediated overexpression of catalase inhibits endothelial cell proliferation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H2620-6	5.2	32
75	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,	6.3	31
74	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 ^{10.3}	10.3	31
73	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, 1407-16	4.8	31
72	Gastric bypass does not normalize obesity-related changes in ghrelin profile and leads to higher acylated ghrelin fraction. <i>Obesity</i> , 2013 , 21, 718-22	8	30
71	Higher total ghrelin levels are associated with higher insulin-mediated glucose disposal in non-diabetic maintenance hemodialysis patients. <i>Clinical Nutrition</i> , 2008 , 27, 142-9	5.9	30
70	Metabolic syndrome and chronic kidney disease. <i>Journal of Renal Nutrition</i> , 2010 , 20, S19-23	3	29
69	Albumin and fibrinogen synthesis and insulin effect in type 2 diabetic patients with normoalbuminuria. <i>Diabetes Care</i> , 2006 , 29, 323-8	14.6	29
68	Inflammation and insulin resistance in uremia. <i>Journal of Renal Nutrition</i> , 2008 , 18, 70-5	3	28
67	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, 188-93	5.9	27
66	Low fat adiponectin expression is associated with oxidative stress in nondiabetic humans with chronic kidney disease—impact on plasma adiponectin concentration. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 293, R47-54	3.2	26
65	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	3.7	25
64	Association of interferon-gamma +874A polymorphism with reduced long-term inflammatory response in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2006 , 21, 1317-22	4.3	25
63	Dysregulation of the endothelial nitric oxide synthase-soluble guanylate cyclase pathway is normalized by insulin in the aorta of diabetic rat. <i>Atherosclerosis</i> , 2005 , 181, 69-73	3.1	25

62	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, 170-7	8	24
61	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 ^{0.9}		23
60	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,	6.7	23
59	Lack of direct effect of moderate hyperleptinemia to improve endothelial function in lean rat aorta: role of calorie restriction. <i>Atherosclerosis</i> , 2004 , 175, 253-9	3.1	23
58	Response of muscle protein and glutamine kinetics to branched-chain-enriched amino acids in intensive care patients after radical cancer surgery. <i>Nutrition</i> , 2006 , 22, 475-82	4.8	22
57	Obesity and high waist circumference are associated with low circulating pentraxin-3 in acute coronary syndrome. <i>Cardiovascular Diabetology</i> , 2013 , 12, 167	8.7	21
56	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, E1037-42	6	21
55	The role of substrates in the regulation of protein metabolism. <i>Bailliere's Clinical Endocrinology and Metabolism</i> , 1996 , 10, 511-32		21
54	The Spectrum of Malnutrition/Cachexia/Sarcopenia in Oncology According to Different Cancer Types and Settings: A Narrative Review. <i>Nutrients</i> , 2021 , 13,	6.7	21
53	The association between hematological parameters and insulin resistance is modified by body mass index - results from the North-East Italy MoMa population study. <i>PLoS ONE</i> , 2014 , 9, e101590	3.7	20
52	Phenylalanine and tyrosine kinetics in compensated liver cirrhosis: effects of meal ingestion. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 295, G598-604	5.1	20
51	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	3.8	19
50	Central adiposity markers, plasma lipid profile and cardiometabolic risk prediction in overweight-obese individuals. <i>Clinical Nutrition</i> , 2019 , 38, 1171-1179	5.9	19
49	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	5.9	19
48	Analysis of superoxide anion production in tissue. <i>Methods in Molecular Medicine</i> , 2005 , 108, 65-72		18
47	In vivo gene transfer of inducible nitric oxide synthase to carotid arteries from hypercholesterolemic rabbits. <i>Stroke</i> , 2003 , 34, 1293-8	6.7	17
46	Sepsis outside intensive care unit: the other side of the coin. <i>Infection</i> , 2015 , 43, 1-11	5.8	16
45	HELP LDL apheresis reduces plasma pentraxin 3 in familial hypercholesterolemia. <i>PLoS ONE</i> , 2014 , 9, e101290	3.7	16

44	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	3	14
43	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	5.8	14
42	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	3.4	14
41	Expression and function of recombinant endothelial nitric oxide synthase in human endothelial cells. <i>Journal of Vascular Research</i> , 2000 , 37, 449-56	1.9	14
40	Plasma protein synthesis in patients with low-grade nephrotic proteinuria. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 280, E591-7	6	14
39	Poor nutritional status but not cognitive or functional impairment per se independently predict 1 year mortality in elderly patients with hip-fracture. <i>Clinical Nutrition</i> , 2019 , 38, 1607-1612	5.9	14
38	Unacylated Ghrelin Improves Vascular Dysfunction and Attenuates Atherosclerosis during High-Fat Diet Consumption in Rodents. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	13
37	Myostatin expression is not altered by insulin deficiency and replacement in streptozotocin-diabetic rat skeletal muscles. <i>Clinical Nutrition</i> , 2004 , 23, 1413-7	5.9	13
36	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, 114-20	3.6	11
35	Ghrelin and muscle metabolism in chronic uremia. <i>Journal of Renal Nutrition</i> , 2012 , 22, 171-5	3	11
34	Lack of Fibronectin Extra Domain A Alternative Splicing Exacerbates Endothelial Dysfunction in Diabetes. <i>Scientific Reports</i> , 2016 , 6, 37965	4.9	11
33	Chronic systemic inflammation in uremia: potential therapeutic approaches. <i>Seminars in Nephrology</i> , 2004 , 24, 441-5	4.8	10
32	Adipokines, ghrelin and obesity-associated insulin resistance in nondiabetic patients with acute coronary syndrome. <i>Obesity</i> , 2012 , 20, 2348-53	8	9
31	The impact of inflammation on metabolic regulation in chronic kidney disease: a review. <i>Journal of Renal Nutrition</i> , 2005 , 15, 121-4	3	9
30	Baroreflex sensitivity and central hemodynamics after omega-3 polyunsaturated fatty acids supplementation in an animal model of menopause. <i>Vascular Pharmacology</i> , 2015 , 71, 65-9	5.9	8
29	Heterogeneous models for an early discrimination between sepsis and non-infective SIRS in medical ward patients: a pilot study. <i>Internal and Emergency Medicine</i> , 2014 , 9, 749-57	3.7	8
28	Metabolic effects of ghrelin and its potential implications in uremia. <i>Journal of Renal Nutrition</i> , 2005 , 15, 111-5	3	8
27	Inflammation and adipose tissue in uremia. <i>Journal of Renal Nutrition</i> , 2006 , 16, 204-7	3	8

26	Effects of branched-chain-enriched amino acids and insulin on forearm leucine kinetics. <i>Clinical Science</i> , 1999 , 97, 437	6.5	7
25	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	3.7	7
24	Use of oral anticoagulant drugs in older patients with atrial fibrillation in internal medicine wards. <i>European Journal of Internal Medicine</i> , 2018 , 52, e12-e14	3.9	6
23	Disseminated tuberculosis in an immunocompetent patient. <i>International Journal of Infectious Diseases</i> , 2013 , 17, e784-6	10.5	6
22	Hemodialysis induces p66(shc) gene expression in nondiabetic humans: correlations with oxidative stress and systemic inflammation. <i>Journal of Renal Nutrition</i> , 2011 , 21, 401-9	3	6
21	Gender-Specific Association of Desacylated Ghrelin with Subclinical Atherosclerosis in the Metabolic Syndrome. <i>Archives of Medical Research</i> , 2017 , 48, 441-448	6.6	5
20	Unacylated Ghrelin: A Novel Regulator of Muscle Intermediate Metabolism With Potential Beneficial Effects in Chronic Kidney Disease. <i>Journal of Renal Nutrition</i> , 2017 , 27, 474-477	3	5
19	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. <i>Clinical Nutrition</i> , 2011 , 30, 384-90	5.9	5
18	The Impact of Protein Supplementation Targeted at Improving Muscle Mass on Strength in Cancer Patients: A Scoping Review. <i>Nutrients</i> , 2020 , 12,	6.7	5
17	Hospital Care of Older Patients With COPD: Adherence to International Guidelines for Use of Inhaled Bronchodilators and Corticosteroids. <i>Journal of the American Medical Directors Association</i> , 2019 , 20, 1313-1317.e9	5.9	4
16	Unacylated ghrelin does not alter mitochondrial function, redox state and triglyceride content in rat liver in vivo. <i>Clinical Nutrition Experimental</i> , 2015 , 4, 1-7	2	4
15	Vascular sources of oxidative stress: implications for uremia-related cardiovascular disease. <i>Journal of Renal Nutrition</i> , 2007 , 17, 53-6	3	4
14	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	5.8	4
13	Preserved Skeletal Muscle Mitochondrial Function, Redox State, Inflammation and Mass in Obese Mice with Chronic Heart Failure. <i>Nutrients</i> , 2020 , 12,	6.7	3
12	Decreased VLDL-Apo B 100 Fractional Synthesis Rate Despite Hypertriglyceridemia in Subjects With Type 2 Diabetes and Nephropathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 4098-105	5.6	3
11	Impaired hydration status in acutely admitted older patients: prevalence and impact on mortality. <i>Age and Ageing</i> , 2021 , 50, 1151-1158	3	2
10	Clinical nutrition in internal medicine: An Italian survey by the scientific societies FADOI and SINPE.. <i>Nutrition</i> , 2022 , 98, 111623	4.8	2
9	Gastric Bypass Does Not Normalize Obesity-Related Changes in Ghrelin Profile and Leads to Higher Acylated Ghrelin Fraction. <i>Obesity</i> ,	8	2

8	Prevalence of use and appropriateness of antidepressants prescription in acutely hospitalized elderly patients. <i>European Journal of Internal Medicine</i> , 2019 , 68, e7-e11	3.9	1
7	Accelerated whole-body protein catabolism in subjects with type 2 Diabetes Mellitus and albuminuria. <i>PLoS ONE</i> , 2020 , 15, e0243638	3.7	1
6	Predictors of short- and long-term mortality among acutely admitted older patients: role of inflammation and frailty. <i>Aging Clinical and Experimental Research</i> , 2021 , 1	4.8	1
5	Higher unacylated ghrelin and insulin sensitivity following dietary restriction and weight loss in obese humans. <i>Clinical Nutrition</i> , 2021 , 40, 638-644	5.9	1
4	SINPE Position Paper on the use of home parenteral nutrition in cancer patients.. <i>Supportive Care in Cancer</i> , 2022 , 30, 2909	3.9	0
3	Reply-Letter to the Editor - Methodological issues on prediction of early- and long-term mortality in adult patients acutely admitted to internal medicine. <i>Clinical Nutrition</i> , 2019 , 38, 2455-2456	5.9	
2	Black esophagus. <i>Journal of Acute Medicine</i> , 2015 , 5, 107-108	0.4	
1	Stage-related implications of community-acquired pressure injuries for the acute medical inpatients. <i>Journal of Clinical Nursing</i> , 2021 , 30, 712-724	3.2	