Paolo Tessari

List of Publications by Year
in descending order

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85	2,325	218662	233409
papers	citations	26 h-index	45 g-index

87	87	87	3514
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hepatic lipid metabolism and non-alcoholic fatty liver disease. Nutrition, Metabolism and Cardiovascular Diseases, 2009, 19, 291-302.	2.6	266
2	Nitric Oxide Synthesis Is Reduced in Subjects With Type 2 Diabetes and Nephropathy. Diabetes, 2010, 59, 2152-2159.	0.6	139
3	High Abundance Proteins Depletion vs Low Abundance Proteins Enrichment: Comparison of Methods to Reduce the Plasma Proteome Complexity. PLoS ONE, 2011, 6, e19603.	2.5	137
4	Essential amino acids: master regulators of nutrition and environmental footprint?. Scientific Reports, 2016, 6, 26074.	3.3	106
5	Molecular targets of antimicrobial photodynamic therapy identified by a proteomic approach. Journal of Proteomics, 2012, 77, 329-343.	2.4	88
6	Protein metabolism in liver cirrhosis: from albumin to muscle myofibrils. Current Opinion in Clinical Nutrition and Metabolic Care, 2003, 6, 79-85.	2.5	75
7	Effects of Insulin on Methionine and Homocysteine Kinetics in Type 2 Diabetes With Nephropathy. Diabetes, 2005, 54, 2968-2976.	0.6	73
8	L-Arginine-Nitric Oxide Kinetics in Normal and Type 2 Diabetic Subjects: A Stable-Labelled 15N Arginine Approach. Diabetes, 2003, 52, 795-802.	0.6	60
9	Insulin Acutely Increases Fibrinogen Production in Individuals With Type 2 Diabetes but Not in Individuals Without Diabetes. Diabetes, 2003, 52, 1851-1856.	0.6	56
10	Nitric oxide in the normal kidney and in patients with diabetic nephropathy. Journal of Nephrology, 2015, 28, 257-268.	2.0	53
11	Insulin resistance of amino acid and protein metabolism in type 2 diabetes. Clinical Nutrition, 2011, 30, 267-272.	5.0	52
12	A Multifunctional Bread Rich in Beta Glucans and Low in Starch Improves Metabolic Control in Type 2 Diabetes: A Controlled Trial. Nutrients, 2017, 9, 297.	4.1	50
13	Slowversus fast proteins in the stimulation of beta-cell response and the activation of the entero-insular axis in type 2 diabetes. Diabetes/Metabolism Research and Reviews, 2007, 23, 378-385.	4.0	47
14	Î±-Glucosidase inhibition improves postprandial hyperglycemia and decreases insulin requirements in insulin-dependent diabetes mellitus. Metabolism: Clinical and Experimental, 1985, 34, 261-265.	3.4	46
15	Effects of insulin on wholeâ€body and regional amino acid metabolism. Diabetes/metabolism Reviews, 1994, 10, 253-285.	0.3	39
16	Kidney Protein Dynamics and Ammoniagenesis in Humans with Chronic Metabolic Acidosis. Journal of the American Society of Nephrology: JASN, 2004, 15, 1606-1615.	6.1	36
17	Diabetic nephropathy is associated with increased albumin and fibrinogen production in patients with type 2 diabetes. Diabetologia, 2006, 49, 1955-1961.	6.3	34
18	Effects of a long-acting somatostatin analogue on postprandial hyperglycemia in insulin-dependent diabetes mellitus. Metabolism: Clinical and Experimental, 1983, 32, 987-992.	3.4	33

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19	Changes in Protein, Carbohydrate, and Fat Metabolism with Aging: Possible Role of Insulin. Nutrition Reviews, 2009, 58, 11-19.	5.8	33
20	Proteomic Analysis of Clonal Interstitial Aortic Valve Cells Acquiring a Pro-calcific Profile. Journal of Proteome Research, 2010, 9, 5913-5921.	3.7	33
21	Albumin and Fibrinogen Synthesis and Insulin Effect in Type 2 Diabetic Patients With Normoalbuminuria. Diabetes Care, 2006, 29, 323-328.	8.6	30
22	Effects of Low-Protein, and Supplemented Very Lowâ€“Protein Diets, on Muscle Protein Turnover in Patients With CKD. Kidney International Reports, 2018, 3, 701-710.	0.8	30
23	The role of substrates in the regulation of protein metabolism. Bailliere's Clinical Endocrinology and Metabolism, 1996, 10, 511-532.	1.0	28
24	Effect of liver cirrhosis on phenylalanine and tyrosine metabolism. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 81-86.	2.5	28
25	Lumican Is Overexpressed in Lung Adenocarcinoma Pleural Effusions. PLoS ONE, 2015, 10, e0126458.	2.5	28
26	Phenylalanine hydroxylation across the kidney in humans. Kidney International, 1999, 56, 2168.	5.2	28
27	Splanchnic versus whole-body production of Î±-ketoisocaproate from leucine in the fed state. Metabolism: Clinical and Experimental, 1997, 46, 164-167.	3.4	26
28	Interorgan amino acid exchange. Current Opinion in Clinical Nutrition and Metabolic Care, 2000, 3, 51-57.	2.5	26
29	Postprandial body protein synthesis and amino acid catabolism measured with leucine and phenylalanine-tyrosine tracers. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E1037-E1042.	3.5	26
30	Insulin in methionine and homocysteine kinetics in healthy humans: plasma vs. intracellular models. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E1270-E1276.	3.5	26
31	Leucine and phenylalanine kinetics in compensated liver cirrhosis: Effects of insulin. Gastroenterology, 1993, 104, 1712-1721.	1.3	25
32	Altered Chaperone and Protein Turnover Regulators Expression in Cultured Skin Fibroblasts from Type 1 Diabetes Mellitus with Nephropathy. Journal of Proteome Research, 2007, 6, 976-986.	3.7	25
33	Phenylalanine and tyrosine kinetics in compensated liver cirrhosis: effects of meal ingestion. American Journal of Physiology - Renal Physiology, 2008, 295, G598-G604.	3.4	24
34	Proteome Analysis of Cultured Fibroblasts from Type 1 Diabetic Patients and Normal Subjects. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3507-3514.	3.6	23
35	Circulating myeloid calcifying cells have antiangiogenic activity via thrombospondinâ€1 overexpression. FASEB Journal, 2013, 27, 4355-4365.	0.5	23
36	Hormonal and metabolic characteristics of geneticall obese Zucker and dietar obese Sprague-Dawle rats. European Journal of Clinical Investigation, 1980, 10, 113-118.	3.4	22

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37	Leucine Kinetics and the Effects of Hyperinsulinemia in Patients With Cushingâ€™s Syndrome*. Journal of Clinical Endocrinology and Metabolism, 1989, 68, 256-262.	3.6	22
38	Glycolytic enzyme expression and pyruvate kinase activity in cultured fibroblasts from type 1 diabetic patients with and without nephropathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2008, 1782, 627-633.	3.8	22
39	Effects of branched-chain-enriched amino acids and insulin on forearm leucine kinetics. Clinical Science, 1999, 97, 437-448.	4.3	21
40	A rapid method to determine plasma homocysteine concentration and enrichment by gas chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 561-567.	1.5	21
41	The inter- and intra-operator variability in manual spot segmentation and its effect on spot quantitation in two-dimensional electrophoresis analysis. Electrophoresis, 2010, 31, 1739-1742.	2.4	20
42	Plasma protein synthesis in patients with low-grade nephrotic proteinuria. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E591-E597.	3.5	19
43	The metabolic conversion of phenylalanine into tyrosine in the human kidney: Does it have nutritional implications in renal patients?. , 2002, 12, 8-16.		19
44	Acute effect of insulin on nitric oxide synthesis in humans: a precursor-product isotopic study. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E776-E782.	3.5	19
45	Pros and cons of peptide isolectric focusing in shotgun proteomics. Journal of Chromatography A, 2013, 1293, 1-9.	3.7	18
46	Metformin treatment of rats with diet-induced overweight and hypertriglyceridemia decreases plasma triglyceride concentrations, while decreasing triglyceride and increasing ketone body output by the isolated perfused liver. Acta Diabetologica, 2008, 45, 143-145.	2.5	17
47	Roles of Insulin, Age, and Asymmetric Dimethylarginine on Nitric Oxide Synthesis In Vivo. Diabetes, 2013, 62, 2699-2708.	0.6	17
48	Phenylalanine hydroxylation across the kidney in humans Rapid Communication. Kidney International, 1999, 56, 2168-2172.	5.2	16
49	Delta2D and Proteomweaver: Performance evaluation of two different approaches for 2-DE analysis. Electrophoresis, 2010, 31, 1311-1317.	2.4	15
50	Abnormal cytoskeletal protein expression in cultured skin fibroblasts from type 1 diabetes mellitus patients with nephropathy: A proteomic approach. Proteomics - Clinical Applications, 2008, 2, 492-503.	1.6	14
51	Operator- and software-related post-experimental variability and source of error in 2-DE analysis. Amino Acids, 2012, 42, 1583-1590.	2.7	14
52	Nonessential amino acid usage for protein replenishment in humans: a method of estimation. American Journal of Clinical Nutrition, 2019, 110, 255-264.	4.7	14
53	A High-Fiber Diet Decreases Postabsorptive Protein Turnover but Does Not Alter Insulin Sensitivity in Men with Type 1 Diabetes Mellitus. Journal of Nutrition, 2019, 149, 596-604.	2.9	14
54	Skin fibroblasts as a tool for identifying the risk of nephropathy in the type 1 diabetic population. Diabetes/Metabolism Research and Reviews, 2012, 28, 62-70.	4.0	13

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55	High confidence and sensitivity four-dimensional fractionation for human plasma proteome analysis. Amino Acids, 2012, 43, 2199-2202.	2.7	11
56	Effects of branched-chain-enriched amino acids and insulin on forearm leucine kinetics. Clinical Science, 1999, 97, 437.	4.3	9
57	Are there dietary requirements for dispensable amino acids and if so, how do we assess requirements?. Current Opinion in Clinical Nutrition and Metabolic Care, 2019, 22, 329-336.	2.5	9
58	Effects of Chronic Metabolic Acidosis on Splanchnic Protein Turnover and Oxygen Consumption in Human Beings. Gastroenterology, 2010, 138, 1557-1565.	1.3	8
59	Decreased Homocysteine Trans-Sulfuration in Hypertension With Hyperhomocysteinemia: Relationship With Insulin Resistance. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 56-63.	3.6	8
60	Role of blood cells in leucine kinetics across the human kidney. American Journal of Physiology - Renal Physiology, 2002, 283, F1430-F1437.	2.7	7
61	SDSâ€PAGE and twoâ€dimensional maps in a radial gel format. Electrophoresis, 2010, 31, 465-470.	2.4	7
62	The Effects of Rosiglitazone and High Glucose on Protein Expression in Endothelial Cells. Journal of Proteome Research, 2010, 9, 578-584.	3.7	7
63	Effect of Reversal of Wheyâ€Protein to Casein Ratio of Cow Milk, on Insulin, Incretin, and Amino Acid Responses in Humans. Molecular Nutrition and Food Research, 2021, 65, e2100069.	3.3	6
64	Improved instrumentation for largeâ€size twoâ€dimensional protein maps. Electrophoresis, 2010, 31, 3863-3866.	2.4	5
65	Caldesmon over-expression in type 1 diabetic nephropathy. Journal of Diabetes and Its Complications, 2011, 25, 114-121.	2.3	5
66	Sample loading influences studies comparing isoelectric focusing vs. strong cation exchange peptide fractionation. Journal of Chromatography A, 2013, 1307, 207-208.	3.7	5
67	Leucine Transamination Is Lower in Middle-Aged Compared with Younger Adults. Journal of Nutrition, 2017, 147, 2025-2030.	2.9	5
68	The contribution of muscle, kidney, and splanchnic tissues to leucine transamination in humans. Canadian Journal of Physiology and Pharmacology, 2018, 96, 382-387.	1.4	5
69	Accelerated whole-body protein catabolism in subjects with type 2 Diabetes Mellitus and albuminuria. PLoS ONE, 2020, 15, e0243638.	2.5	5
70	Glycerophosphate acyltransferase activity in perfused liver of normal and hyperlipemic rats: Glucagon effect. Acta Diabetologica, 1981, 18, 357-363.	2.5	4
71	Effects of wine intake on postprandial plasma amino acid and protein kinetics in type 1 diabetes. American Journal of Clinical Nutrition, 2002, 75, 856-866.	4.7	4
72	Rapid, simple and effective technical procedure for the regeneration of IgG and HSA affinity columns for proteomic analysis. Amino Acids, 2008, 34, 507-509.	2.7	4

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73	Kinetics of albumin homocysteinylation measured with matrixâ€assisted laser/desorption ionization mass spectrometry versus with a radioactive tracer. Rapid Communications in Mass Spectrometry, 2009, 23, 3837-3842.	1.5	4
74	Polar Electrophoresis: Shape of Two-Dimensional Maps Is as Important as Size. PLoS ONE, 2012, 7, e30911.	2.5	4
75	Effects of CK2 inhibition in cultured fibroblasts from Type 1 Diabetic patients with or without nephropathy. Growth Factors, 2015, 33, 259-266.	1.7	4
76	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.	3.6	3
77	Clinical and biochemical determinants of the extent of liver steatosis in type 2 diabetes mellitus. European Journal of Gastroenterology and Hepatology, 2015, 27, 1386-1391.	1.6	3
78	Hormonal and Metabolic Profiles in Patients with alcohol-induced, mixed hypertriglyceridemia before and after abstinence from ethanol and before and after a lipid-lowering diet. Atherosclerosis, 1986, 60, 151-159.	0.8	1
79	Middle age is not associated with altered fibrinogen concentration and production in males. Acta Diabetologica, 2010, 47, 155-159.	2.5	1
80	High abundance plasma proteins depletion vs. low abundance proteins enrichment: Comparison of methods. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, S54-S55.	2.6	1
81	Neither Incretin or Amino Acid Responses, nor Casein Content, Account for the Equal Insulin Response Following Iso-Lactose Loads of Natural Human and Cow Milk in Healthy Young Adults. Nutrients, 2022, 14, 1624.	4.1	1
82	Red cell sorbitol concentration in relation to short- and medium-term variation of plasma glucose. Acta Diabetologica Latina, 1989, 26, 211-216.	0.2	0
83	Plasma Proteins and Protein Catabolism. , 2006, , 81-92.		0
84	Diabetic nephropathy in Type 1 diabetes mellitus (T1DM) is associated with altered expression of genes regulating TGF-Beta signalling, fibrosis, apoptosis and cell cycle. Studies in primary cultures of human fibroblasts. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, S55.	2.6	0
85	Response to Comment on: Tessari et al. Roles of Insulin, Age, and Asymmetric Dimethylarginine on Nitric Oxide Synthesis In Vivo. Diabetes 2013;62:2699-2708. Diabetes, 2013, 62, e24-e24.	0.6	0