

# Isabella Fermo

## List of Publications by Year in descending order

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66  
papers

4,229  
citations

159585

30  
h-index

106344

65  
g-index

69  
all docs

69  
docs citations

69  
times ranked

5209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma concentration of asymmetrical dimethylarginine and mortality in patients with end-stage renal disease: a prospective study. <i>Lancet, The</i> , 2001, 358, 2113-2117.	13.7	993
2	Increased intestinal permeability precedes clinical onset of type 1 diabetes. <i>Diabetologia</i> , 2006, 49, 2824-2827.	6.3	360
3	Hyperhomocysteinemia predicts cardiovascular outcomes in hemodialysis patients. <i>Kidney International</i> , 2002, 61, 609-614.	5.2	247
4	Beneficial effects of a long-term oral L-arginine treatment added to a hypocaloric diet and exercise training program in obese, insulin-resistant type 2 diabetic patients. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E906-E912.	3.5	221
5	Prevalence of Moderate Hyperhomocysteinemia in Patients with Early-Onset Venous and Arterial Occlusive Disease. <i>Annals of Internal Medicine</i> , 1995, 123, 747.	3.9	195
6	Inflammation is associated with carotid atherosclerosis in dialysis patients. <i>Journal of Hypertension</i> , 2000, 18, 1207-1213.	0.5	179
7	Hypocaloric high-protein diet improves glucose oxidation and spares lean body mass: Comparison to hypocaloric high-carbohydrate diet. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 1481-1487.	3.4	175
8	Insulin resistance and endothelial function are improved after folate and vitamin B12 therapy in patients with metabolic syndrome: relationship between homocysteine levels and hyperinsulinemia. <i>European Journal of Endocrinology</i> , 2004, 151, 483-489.	3.7	138
9	Effects of Kidney-Pancreas Transplantation on Atherosclerotic Risk Factors and Endothelial Function in Patients With Uremia and Type 1 Diabetes. <i>Diabetes</i> , 2001, 50, 496-501.	0.6	105
10	Acute Intravenous L-Arginine Infusion Decreases Endothelin-1 Levels and Improves Endothelial Function in Patients With Angina Pectoris and Normal Coronary Arteriograms. <i>Circulation</i> , 2003, 107, 429-436.	1.6	105
11	The Role of Vitamin B12 in Fasting Hyperhomocysteinemia and Its Interaction with the Homozygous C677T Mutation of the Methylene tetrahydrofolate Reductase (MTHFR) Gene. <i>Thrombosis and Haemostasis</i> , 2000, 83, 563-570.	3.4	97
12	High-performance liquid chromatographic determination of diclofenac in human plasma after solid-phase extraction. <i>Biomedical Applications</i> , 2001, 763, 195-200.	1.7	75
13	Telomere Length in Peripheral Blood Mononuclear Cells Is Associated with Folate Status in Men. <i>Journal of Nutrition</i> , 2009, 139, 1273-1278.	2.9	66
14	Genetic and clinical heterogeneity of ferroportin disease. <i>British Journal of Haematology</i> , 2005, 131, 663-670.	2.5	64
15	High-performance liquid chromatographic method for measuring total plasma homocysteine levels. <i>Biomedical Applications</i> , 1998, 719, 31-36.	1.7	62
16	High-performance liquid chromatographic method with fluorescence detection for the determination of total homocyst(e)ine in plasma. <i>Journal of Chromatography A</i> , 1992, 593, 171-176.	3.7	58
17	Contribution of the Cystathionine $\beta$ -Synthase Gene (844ins68) Polymorphism to the Risk of Early-onset Venous and Arterial Occlusive Disease and of Fasting Hyperhomocysteinemia. <i>Thrombosis and Haemostasis</i> , 2000, 84, 576-582.	3.4	54
18	Genetic polymorphisms of the enzymes involved in DNA methylation and synthesis in elite athletes. <i>Physiological Genomics</i> , 2011, 43, 965-973.	2.3	52

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19	No adjustment vs. adjustment formula as input weight for propofol target-controlled infusion in morbidly obese patients. <i>European Journal of Anaesthesiology</i> , 2009, 26, 362-369.	1.7	47
20	Determining sulfur-containing amino acids by capillary electrophoresis: A fast novel method for total homocyst(e)ine human plasma. <i>Electrophoresis</i> , 1999, 20, 569-574.	2.4	46
21	Erythroblast apoptosis and microenvironmental iron restriction trigger anemia in the VK*MYC model of multiple myeloma. <i>Haematologica</i> , 2015, 100, 534-841.	3.5	45
22	Predictive performance of Servin's formula™ during BIS®-guided propofol-remifentanyl target-controlled infusion in morbidly obese patients. <i>British Journal of Anaesthesia</i> , 2007, 98, 66-75.	3.4	43
23	Determination of asymmetric and symmetric dimethylarginines in plasma of hyperhomocysteinemic subjects. <i>Amino Acids</i> , 2005, 28, 389-394.	2.7	41
24	Islet Transplantation Stabilizes Hemostatic Abnormalities and Cerebral Metabolism in Individuals With Type 1 Diabetes. <i>Diabetes Care</i> , 2014, 37, 267-276.	8.6	39
25	Are genetic variants of the methyl group metabolism enzymes risk factors predisposing to obesity?. <i>Journal of Endocrinological Investigation</i> , 2007, 30, 747-753.	3.3	37
26	Denaturing HPLC Profiling of the ABCA4 Gene for Reliable Detection of Allelic Variations. <i>Clinical Chemistry</i> , 2004, 50, 1336-1343.	3.2	36
27	Effects of an acute increase in plasma triglyceride levels on glucose metabolism in man. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 883-889.	3.4	34
28	Characterization of Collagenase Blend Enzymes for Human Islet Transplantation. <i>Transplantation</i> , 2007, 84, 1568-1575.	1.0	34
29	Tight glycemic control does not affect asymmetric-dimethylarginine in septic patients. <i>Intensive Care Medicine</i> , 2008, 34, 1843-1850.	8.2	33
30	Serum amino acid analysis with pre-column derivatization: comparison of the o-phthaldialdehyde and N,N-diethyl-2,4-dinitro-5-fluoroaniline methods. <i>Biomedical Applications</i> , 1990, 534, 23-35.	1.7	32
31	Scanning mutations of the 5'UTR regulatory sequence of I-ferritin by denaturing high-performance liquid chromatography: identification of new mutations. <i>British Journal of Haematology</i> , 2003, 121, 173-179.	2.5	32
32	Case report: a subject with a mutation in the ATG start codon of L-ferritin has no haematological or neurological symptoms. <i>Journal of Medical Genetics</i> , 2004, 41, e81-e81.	3.2	30
33	Asymmetric dimethylarginine (ADMA), symmetric dimethylarginine (SDMA) and L-arginine in patients with arteriogenic and nonarteriogenic erectile dysfunction. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 660-667.	3.6	26
34	Creatinine determination in serum by capillary electrophoresis. <i>Electrophoresis</i> , 2004, 25, 463-468.	2.4	25
35	Effects of growth hormone treatment on arginine to asymmetric dimethylarginine ratio and endothelial function in patients with growth hormone deficiency. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 1685-1690.	3.4	24
36	Calcium signaling-related proteins are associated with broncho-pulmonary dysplasia progression. <i>Journal of Proteomics</i> , 2013, 94, 401-412.	2.4	24

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37	Plasma mitomycin C concentrations determined by HPLC coupled to solid-phase extraction. <i>Clinical Chemistry</i> , 1997, 43, 615-618.	3.2	23
38	Capillary Electrophoresis for Protein Analysis: Separation of Human Growth Hormone and Human Insulin Molecular Forms. <i>Analytical Biochemistry</i> , 1993, 212, 160-167.	2.4	21
39	Lactulose and mannitol intestinal permeability detected by capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 834, 183-187.	2.3	21
40	Comparison of different depletion strategies for improving resolution of the human urine proteome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 531-535.	2.3	19
41	Dysregulated copper transport in multiple sclerosis may cause demyelination via astrocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
42	Identification of nephropathy predictors in urine from children with a recent diagnosis of type 1 diabetes. <i>Journal of Proteomics</i> , 2019, 193, 205-216.	2.4	18
43	High-performance liquid chromatographic method to quantify total cysteine excretion in urine. <i>Analytical Biochemistry</i> , 2002, 307, 181-183.	2.4	17
44	Gene-Gene and Gene-Environment Interactions in Mild Hyperhomocysteinemia. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2003, 33, 337-341.	0.3	17
45	Capillary zone electrophoresis for determination of carbohydrate-deficient transferrin in human serum. <i>Electrophoresis</i> , 2004, 25, 469-475.	2.4	17
46	Reduced in vivo oxidative stress following 5-methyltetrahydrofolate supplementation in patients with early-onset thrombosis and 677TT methylenetetrahydrofolate reductase genotype. <i>British Journal of Haematology</i> , 2005, 131, 100-108.	2.5	17
47	Dimethylarginines in complicated type 1 diabetes: Roles of insulin, glucose, and oxidative stress. <i>Free Radical Biology and Medicine</i> , 2009, 47, 307-311.	2.9	16
48	Protein profiling reveals energy metabolism and cytoskeletal protein alterations in LMNA mutation carriers. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 970-979.	3.8	16
49	De novo deletion removes a conserved motif in the C-terminus of ABCA4 and results in cone-rod dystrophy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 533-7.	2.3	15
50	Mild Hyperhomocysteinemia and Fibrinolytic Factors in Patients with History of Venous Thromboembolism. <i>Thrombosis Research</i> , 2000, 100, 271-278.	1.7	14
51	Validation of methyl malondialdehyde as internal standard for malondialdehyde detection by capillary electrophoresis. <i>Analytical Biochemistry</i> , 2002, 307, 92-98.	2.4	14
52	Denaturing HPLC analysis of DNA deletions and insertions. <i>Human Mutation</i> , 2003, 22, 98-102.	2.5	14
53	Pre-column derivatization of amino acids with N,N-diethyl-2,4-dinitro-5-fluoroaniline and reversed-phase liquid chromatographic separation. <i>Biomedical Applications</i> , 1988, 433, 53-62.	1.7	12
54	Open-chain peptides obtained by acidic hydrolytic cleavage of cyclosporin A. <i>Biological Mass Spectrometry</i> , 1994, 23, 514-518.	0.5	11

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55	Total plasma homocysteine: influence of some common physiological variables. <i>Amino Acids</i> , 1993, 5, 17-21.	2.7	10
56	Determination of Total Plasma Homocysteine: Comparison of a New Enzyme Immunoassay and a HPLC Method. <i>Thrombosis and Haemostasis</i> , 2000, 83, 968-969.	3.4	9
57	Moderate Hyperhomocysteinemia and Central Retinal Vein Occlusion. <i>Thrombosis and Haemostasis</i> , 2002, 87, 1078-1079.	3.4	7
58	Urine Pyridinium Cross-Links Determination by Beckman Cross Links Kit. <i>Clinical Chemistry</i> , 1997, 43, 2186-2187.	3.2	5
59	Glibenclamide and Tolbutamide in Human Serum: Rapid Measurement of the Free Fraction. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1990, 13, 175-189.	1.0	4
60	Efficient Production of the Cyclosporin Metabolite AM1 By Rabbit Hepatic Enzymes. <i>Pharmacological Research</i> , 1993, 28, 73-84.	7.1	4
61	Hydrolytic conditions for the formation of open-chain oligopeptides from cyclosporin A. <i>Chemical Biology and Drug Design</i> , 1997, 49, 191-194.	1.1	4
62	Separation of the valence intermediates of human haemoglobin by high-performance chromatofocusing. <i>Journal of Chromatography A</i> , 1987, 397, 233-237.	3.7	3
63	Improved High Performance Liquid Chromatographic Method for the Quantification of 3-Methylhistidine in Serum and Urine. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1991, 14, 1715-1728.	1.0	3
64	Total Plasma Homocysteine Analysis by HPLC with SBD-F Precolumn Derivatization. , 2000, 159, 237-244.		2
65	Direct assessment of angiotensin-converting enzyme activity on the surface of human skin fibroblasts in culture. <i>Analytical Biochemistry</i> , 2005, 338, 344-346.	2.4	2
66	Reply of the authors to the comments of Prof. Tagliaro. <i>Electrophoresis</i> , 2004, 25, 1724-1725.	2.4	0