Isabella Fermo

List of Publications by Year in descending order

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66 papers	4,229 citations	159525 30 h-index	106281 65 g-index
69 all docs	69 docs citations	69 times ranked	5209 citing authors

#	Article	IF	Citations
1	Dysregulated copper transport in multiple sclerosis may cause demyelination via astrocytes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	19
2	Identification of nephropathy predictors in urine from children with a recent diagnosis of type 1 diabetes. Journal of Proteomics, 2019, 193, 205-216.	1.2	18
3	Erythroblast apoptosis and microenvironmental iron restriction trigger anemia in the VK*MYC model of multiple myeloma. Haematologica, 2015, 100, 534-841.	1.7	45
4	Islet Transplantation Stabilizes Hemostatic Abnormalities and Cerebral Metabolism in Individuals With Type 1 Diabetes. Diabetes Care, 2014, 37, 267-276.	4.3	39
5	Calcium signaling-related proteins are associated with broncho-pulmonary dysplasia progression. Journal of Proteomics, 2013, 94, 401-412.	1.2	24
6	Protein profiling reveals energy metabolism and cytoskeletal protein alterations in LMNA mutation carriers. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 970-979.	1.8	16
7	Asymmetric dimethylarginine (ADMA), symmetric dimethylarginine (SDMA) and Lâ€arginine in patients with arteriogenic and nonâ€arteriogenic erectile dysfunction. Journal of Developmental and Physical Disabilities, 2012, 35, 660-667.	3.6	26
8	Genetic polymorphisms of the enzymes involved in DNA methylation and synthesis in elite athletes. Physiological Genomics, 2011, 43, 965-973.	1.0	52
9	Comparison of different depletion strategies for improving resolution of the human urine proteome. Clinical Chemistry and Laboratory Medicine, 2010, 48, 531-535.	1.4	19
10	Telomere Length in Peripheral Blood Mononuclear Cells Is Associated with Folate Status in Men ,. Journal of Nutrition, 2009, 139, 1273-1278.	1.3	66
11	Dimethylarginines in complicated type 1 diabetes: Roles of insulin, glucose, and oxidative stress. Free Radical Biology and Medicine, 2009, 47, 307-311.	1.3	16
12	No adjustment vs. adjustment formula as input weight for propofol target-controlled infusion in morbidly obese patients. European Journal of Anaesthesiology, 2009, 26, 362-369.	0.7	47
13	Tight glycemic control does not affect asymmetric-dimethylarginine in septic patients. Intensive Care Medicine, 2008, 34, 1843-1850.	3.9	33
14	Effects of growth hormone treatment on arginine to asymmetric dimethylarginine ratio and endothelial function in patients with growth hormone deficiency. Metabolism: Clinical and Experimental, 2008, 57, 1685-1690.	1.5	24
15	Predictive performance of â€˜Servin's formulaâ€™ during BIS Â® -guided propofol-remifentanil target-controlled infusion in morbidly obese patients. British Journal of Anaesthesia, 2007, 98, 66-75.	1.5	43
16	Characterization of Collagenase Blend Enzymes for Human Islet Transplantation. Transplantation, 2007, 84, 1568-1575.	0.5	34
17	Are genetic variants of the methyl group metabolism enzymes risk factors predisposing to obesity?. Journal of Endocrinological Investigation, 2007, 30, 747-753.	1.8	37
18	Lactulose and mannitol intestinal permeability detected by capillary electrophoresis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 834, 183-187.	1.2	21

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19	Increased intestinal permeability precedes clinical onset of type 1 diabetes. Diabetologia, 2006, 49, 2824-2827.	2.9	360
20	De novo deletion removes a conserved motif in the C-terminus of ABCA4 and results in cone-rod dystrophy. Clinical Chemistry and Laboratory Medicine, 2006, 44, 533-7.	1.4	15
21	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. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E906-E912.	1.8	221
22	Direct assessment of angiotensin-converting enzyme activity on the surface of human skin fibroblasts in culture. Analytical Biochemistry, 2005, 338, 344-346.	1.1	2
23	Reduced in vivo oxidative stress following 5-methyltetrahydrofolate supplementation in patients with early-onset thrombosis and 677TT methylenetetrahydrofolate reductase genotype. British Journal of Haematology, 2005, 131, 100-108.	1.2	17
24	Genetic and clinical heterogeneity of ferroportin disease. British Journal of Haematology, 2005, 131, 663-670.	1.2	64
25	Determination of asymmetric and symmetric dimethylarginines in plasma of hyperhomocysteinemic subjects. Amino Acids, 2005, 28, 389-394.	1.2	41
26	Insulin resistance and endothelial function are improved after folate and vitamin B12 therapy in patients with metabolic syndrome: relationship between homocysteine levels and hyperinsulinemia. European Journal of Endocrinology, 2004, 151, 483-489.	1.9	138
27	Denaturing HPLC Profiling of the ABCA4 Gene for Reliable Detection of Allelic Variations. Clinical Chemistry, 2004, 50, 1336-1343.	1.5	36
28	Creatinine determination in serum by capillary electrophoresis. Electrophoresis, 2004, 25, 463-468.	1.3	25
29	Capillary zone electrophoresis for determination of carbohydrate-deficient transferrin in human serum. Electrophoresis, 2004, 25, 469-475.	1.3	17
30	Reply of the authors to the comments of Prof. Tagliaro. Electrophoresis, 2004, 25, 1724-1725.	1.3	0
31	Case report: a subject with a mutation in the ATG start codon of L-ferritin has no haematological or neurological symptoms. Journal of Medical Genetics, 2004, 41, e81-e81.	1.5	30
32	Denaturing HPLC analysis of DNA deletions and insertions. Human Mutation, 2003, 22, 98-102.	1.1	14
33	Scanning mutations of the 5â€²UTR regulatory sequence of l -ferritin by denaturing high-performance liquid chromatography: identification of new mutations. British Journal of Haematology, 2003, 121, 173-179.	1.2	32
34	Acute Intravenous l -Arginine Infusion Decreases Endothelin-1 Levels and Improves Endothelial Function in Patients With Angina Pectoris and Normal Coronary Arteriograms. Circulation, 2003, 107, 429-436.	1.6	105
35	Gene-Gene and Gene-Environment Interactions in Mild Hyperhomocysteinemia. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 2003, 33, 337-341.	0.5	17
36	Moderate Hyperhomocysteinemia and Central Retinal Vein Occlusion. Thrombosis and Haemostasis, 2002, 87, 1078-1079.	1.8	7

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37	Hyperhomocysteinemia predicts cardiovascular outcomes in hemodialysis patients. Kidney International, 2002, 61, 609-614.	2.6	247
38	Validation of methyl malondialdehyde as internal standard for malondialdehyde detection by capillary electrophoresis. Analytical Biochemistry, 2002, 307, 92-98.	1.1	14
39	High-performance liquid chromatographic method to quantify total cysteine excretion in urine. Analytical Biochemistry, 2002, 307, 181-183.	1.1	17
40	Plasma concentration of asymmetrical dimethylarginine and mortality in patients with end-stage renal disease: a prospective study. Lancet, The, 2001, 358, 2113-2117.	6.3	993
41	Effects of Kidney-Pancreas Transplantation on Atherosclerotic Risk Factors and Endothelial Function in Patients With Uremia and Type 1 Diabetes. Diabetes, 2001, 50, 496-501.	0.3	105
42	High-performance liquid chromatographic determination of diclofenac in human plasma after solid-phase extraction. Biomedical Applications, 2001, 763, 195-200.	1.7	75
43	The Role of Vitamin B12 in Fasting Hyperhomocysteinemia and Its Interaction with the Homozygous C677T Mutation of the Methylenetetrahydrofolate Reductase (MTHFR) Gene. Thrombosis and Haemostasis, 2000, 83, 563-570.	1.8	97
44	Inflammation is associated with carotid atherosclerosis in dialysis patients. Journal of Hypertension, 2000, 18, 1207-1213.	0.3	179
45	Determination of Total Plasma Homocysteine: Comparison of a New Enzyme Immunoassay and a HPLC Method. Thrombosis and Haemostasis, 2000, 83, 968-969.	1.8	9
46	Contribution of the Cystathionine Î²-Synthase Gene (844ins68) Polymorphism to the Risk of Early-onset Venous and Arterial Occlusive Disease and of Fasting Hyperhomocysteinemia. Thrombosis and Haemostasis, 2000, 84, 576-582.	1.8	54
47	Total Plasma Homocysteine Analysis by HPLC with SBD-F Precolumn Derivatization. , 2000, 159, 237-244.		2
48	Mild Hyperhomocysteinemia and Fibrinolytic Factors in Patients with History of Venous Thromboembolism. Thrombosis Research, 2000, 100, 271-278.	0.8	14
49	Determining sulfur-containing amino acids by capillary electrophoresis: A fast novel method for total homocyst(e)ine human plasma. Electrophoresis, 1999, 20, 569-574.	1.3	46
50	High-performance liquid chromatographic method for measuring total plasma homocysteine levels. Biomedical Applications, 1998, 719, 31-36.	1.7	62
51	Urine Pyridinium Cross-Links Determination by Beckman Cross Links Kit. Clinical Chemistry, 1997, 43, 2186-2187.	1.5	5
52	Plasma mitomycin C concentrations determined by HPLC coupled to solid-phase extraction. Clinical Chemistry, 1997, 43, 615-618.	1.5	23
53	Hydrolytic conditions for the formation of openâ€chain oligopeptides from cyclosporin A. Chemical Biology and Drug Design, 1997, 49, 191-194.	1.2	4
54	Prevalence of Moderate Hyperhomocysteinemia in Patients with Early-Onset Venous and Arterial Occlusive Disease. Annals of Internal Medicine, 1995, 123, 747.	2.0	195

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55	Effects of an acute increase in plasma triglyceride levels on glucose metabolism in man. Metabolism: Clinical and Experimental, 1995, 44, 883-889.	1.5	34
56	Open-chain peptides obtained by acidic hydrolytic cleavage of cyclosporin A. Biological Mass Spectrometry, 1994, 23, 514-518.	0.5	11
57	Hypocaloric high-protein diet improves glucose oxidation and spares lean body mass: Comparison to hypocaloric high-carbohydrate diet. Metabolism: Clinical and Experimental, 1994, 43, 1481-1487.	1.5	175
58	Capillary Electrophoresis for Protein Analysis: Separation of Human Growth Hormone and Human Insulin Molecular Forms. Analytical Biochemistry, 1993, 212, 160-167.	1.1	21
59	Total plasma homocysteine: influence of some common physiological variables. Amino Acids, 1993, 5, 17-21.	1.2	10
60	Efficient Production of the Cyclosporin Metabolite AM1 By Rabbit Hepatic Enzymes. Pharmacological Research, 1993, 28, 73-84.	3.1	4
61	High-performance liquid chromatographic method with fluorescence detection for the determination of total homocyst(e)ine in plasma. Journal of Chromatography A, 1992, 593, 171-176.	1.8	58
62	Improved High Performance Liquid Chromatographic Method for the Quantification of 3-Methylhistidine in Serum and Urine. Journal of Liquid Chromatography and Related Technologies, 1991, 14, 1715-1728.	0.9	3
63	Serum amino acid analysis with pre-column derivatization: comparison of the o-phthaldialdehyde and N,N-diethyl-2,4-dinitro-5-fluoroaniline methods. Biomedical Applications, 1990, 534, 23-35.	1.7	32
64	Glibenclamide and Tolbutamide in Human Serum: Rapid Measurement of the Free Fraction. Journal of Liquid Chromatography and Related Technologies, 1990, 13, 175-189.	0.9	4
65	Pre-column derivatization of amino acids with N,N-diethyl-2,4-dinitro-5-fluoroaniline and reversed-phase liquid chromatographic separation. Biomedical Applications, 1988, 433, 53-62.	1.7	12
66	Separation of the valence intermediates of human haemoglobin by high-performance chromatofocusing. Journal of Chromatography A, 1987, 397, 233-237.	1.8	3