Maria Franzini

List of Publications by Year
in descending order

83 papers	1,985 citations	236925 25 h-index	265206 42 g-index
85 all docs	85 docs citations	85 times ranked	2771 citing authors

#	Article	IF	Citations
1	Big and Free Fractions of Gamma-Glutamyltransferase: New Diagnostic Biomarkers for Malignant Mesothelioma?. Diagnostics, 2022, 12, 311.	2.6	3
2	MS-based targeted profiling of oxylipins in COVID-19: A new insight into inflammation regulation. Free Radical Biology and Medicine, 2022, 180, 236-243.	2.9	17
3	RNA-targeting and gene editing therapies for transthyretin amyloidosis. Nature Reviews Cardiology, 2022, 19, 655-667.	13.7	64
4	Big gamma-glutamyltransferase is associated with epicardial fat volume and cardiovascular outcome in the general population. European Journal of Preventive Cardiology, 2022, 29, 1510-1518.	1.8	2
5	Old and New Systemic Immune-Inflammation Indexes Are Associated with Overall Survival of Glioblastoma Patients Treated with Radio-Chemotherapy. Genes, 2022, 13, 1054.	2.4	15
6	Myocardial salvage is increased after sympathetic renal denervation in a pig model of acute infarction. Clinical Research in Cardiology, 2021, 110, 711-724.	3.3	4
7	Use of biomarkers to diagnose and manage cardiac amyloidosis. European Journal of Heart Failure, 2021, 23, 217-230.	7.1	33
8	Sensitivity and reproducibility enhancement in enzyme immunosorbent assays based on half fragment antibodies. Analytical Biochemistry, 2021, 616, 114090.	2.4	4
9	Data about performances of whole and monovalent half-fragments antibodies in immunosorbent assays. Data in Brief, 2021, 35, 106778.	1.0	0
10	Determination and stability of N-terminal pro-brain natriuretic peptide in saliva samples for monitoring heart failure. Scientific Reports, 2021, 11, 13088.	3.3	17
11	Is There a Crucial Link Between Vitamin D Status and Inflammatory Response in Patients With COVID-19?. Frontiers in Immunology, 2021, 12, 745713.	4.8	20
12	Signal Enhancement in Oriented Immunosorbent Assays: A Balance between Accessibility of Antigen Binding Sites and Avidity. Biosensors, 2021, 11, 493.	4.7	2
13	Inter-assay variability in automated serum free light chain assays and their use in the clinical laboratory. Critical Reviews in Clinical Laboratory Sciences, 2020, 57, 73-85.	6.1	14
14	Oxidative stress and inflammation in the evolution of heart failure: From pathophysiology to therapeutic strategies. European Journal of Preventive Cardiology, 2020, 27, 494-510.	1.8	142
15	Highly Elevated Plasma Î³â€Glutamyltransferase Elevations: A Trait Caused by Î³â€Glutamyltransferase 1 Transmembrane Mutations. Hepatology, 2020, 71, 1124-1127.	7.3	4
16	Biomarkers for growth prediction of abdominal aortic aneurysm: A step forward(?). European Journal of Preventive Cardiology, 2020, 27, 130-131.	1.8	3
17	Free light chain UV quantification compared with immunochemical measurement: How dimers and monomers may influence the results. Clinica Chimica Acta, 2020, 510, 278-284.	1.1	6
18	Dabrafenib and TrametinibÂprolong coagulation through the inhibition of tissue factor in BRAFv600e mutated melanoma cells in vitro. Cancer Cell International, 2019, 19, 223.	4.1	5

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19	Pilot, Open, Randomized, Prospective Trial for Normothermic Machine Perfusion Evaluation in Liver Transplantation From Older Donors. Liver Transplantation, 2019, 25, 436-449.	2.4	98
20	Biosensors for measuring matrix metalloproteinases: An emerging research field. TrAC - Trends in Analytical Chemistry, 2019, 110, 35-50.	11.4	31
21	SYMPATHETIC RENAL DENERVATION AFTER ACUTE MYOCARDIAL INFARCTION BLUNTS ADRENERGIC ACTIVATION AND INCREASED MYOCARDIAL SALVAGE IN PIGS. Journal of the American College of Cardiology, 2018, 71, A175.	2.8	0
22	Î³-Glutamyltransferase Fractions in Obese Subjects with Type 2 Diabetes: Relation to Insulin Sensitivity and Effects of Bariatric Surgery. Obesity Surgery, 2018, 28, 1363-1371.	2.1	8
23	The IL-33/ST2 pathway, inflammation and atherosclerosis: Trigger and target?. International Journal of Cardiology, 2018, 267, 188-192.	1.7	40
24	Different immunoreactivity of monomers and dimers makes automated free light chains assays not equivalent. Clinical Chemistry and Laboratory Medicine, 2018, 57, 221-229.	2.3	14
25	Antiâ€inflammatory signaling during ex vivo liver perfusion improves the preservation of pig liver grafts before transplantation. Liver Transplantation, 2017, 23, 707-708.	2.4	7
26	Association between plasma gamma-glutamyltransferase fractions and metabolic syndrome among hypertensive patients. Scientific Reports, 2017, 7, 12003.	3.3	12
27	Non enzymatic upregulation of tissue factor expression by gamma-glutamyl transferase in human peripheral blood mononuclear cells. Thrombosis Journal, 2016, 14, 45.	2.1	4
28	Development of a normothermic extracorporeal liver perfusion system toward improving viability and function of human extended criteria donor livers. Liver Transplantation, 2016, 22, 1615-1616.	2.4	4
29	Effect of the three-dimensional organization of liver cells on the biogenesis of the Î³-glutamyltransferase fraction pattern. Biomarkers, 2016, 21, 441-448.	1.9	2
30	Pilot study on harmonization of cardiac troponin I immunoassays using patients and quality control plasma samples. On behalf of the Italian Section of the European Ligand Assay Society (ELAS) and of the Study Group on Cardiovascular Biomarkers of the SocietÃ Italiana di Biochimica Clinica (SIBioC). Clinica Chimica Acta, 2016, 456, 42-48.	1.1	23
31	Discrepancy between FLC assays: only a problem of quantification?. Clinical Chemistry and Laboratory Medicine, 2016, 54, 1111-3.	2.3	6
32	Natriuretic peptides as biomarkers of cardiac endocrine function in heart failure: new challenges and perspectives. Future Cardiology, 2016, 12, 573-584.	1.2	11
33	Monocytes/macrophages activation contributes to b-gamma-glutamyltransferase accumulation inside atherosclerotic plaques. Journal of Translational Medicine, 2015, 13, 325.	4.4	18
34	Evaluation of analytical performance and comparison of clinical results of the new generation method AccuTnI + 3 for the measurement of cardiac troponin I using both patients and quality control plasma samples. Clinica Chimica Acta, 2015, 451, 129-134.	1.1	10
35	State of the art of immunoassay methods for B-type natriuretic peptides: An update. Critical Reviews in Clinical Laboratory Sciences, 2015, 52, 56-69.	6.1	32
36	State of the art of aldosterone immunoassays. A multicenter collaborative study on the behalf of the Cardiovascular Biomarkers Study Group of the Italian Section of European Society of Ligand Assay (ELAS) and SocietÃ Italiana di Biochimica Clinica (SIBIOC). Clinica Chimica Acta, 2015, 444, 106-112.	1.1	22

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37	Comparison between BNP values measured in capillary blood samples with a POCT method and those measured in plasma venous samples with an automated platform. Clinical Chemistry and Laboratory Medicine, 2015, 53, e125-7.	2.3	10
38	Cardiac biomarker testing in the clinical laboratory: Where do we stand? General overview of the methodology with special emphasis on natriuretic peptides. Clinica Chimica Acta, 2015, 443, 17-24.	1.1	75
39	The calculation of the cardiac troponin T 99th percentile of the reference population is affected by age, gender, and population selection: A multicenter study in Italy. Clinica Chimica Acta, 2015, 438, 376-381.	1.1	80
40	Gamma-Glutamyltransferase Fractions in Human Plasma and Bile: Characteristic and Biogenesis. PLoS ONE, 2014, 9, e88532.	2.5	34
41	Gamma-glutamyltransferases: exploring the complexity of a multi-functional family of enzymes. Frontiers in Pharmacology, 2014, 5, .	3.5	1
42	Clinical implications of a recent adjustment to the high-sensitivity cardiac troponin T assay: some results. Clinical Chemistry and Laboratory Medicine, 2014, 52, e21-3.	2.3	4
43	Mechanisms and targets of the modulatory action of S-nitrosoglutathione (GSNO) on inflammatory cytokines expression. Archives of Biochemistry and Biophysics, 2014, 562, 80-91.	3.0	18
44	b-Gamma-glutamyltransferase activity in human vulnerable carotid plaques. Atherosclerosis, 2014, 237, 307-313.	0.8	24
45	Circulating gammaâ€glutamyltransferase fractions in cirrhosis. Liver International, 2014, 34, e191-9.	3.9	8
46	Are standard cell culture conditions adequate for human umbilical cord blood mesenchymal stem cells?. Blood Transfusion, 2014, 12 Suppl 1, s375-7.	0.4	3
47	Helicobacter, gamma-glutamyltransferase and cancer: Further intriguing connections. World Journal of Gastroenterology, 2014, 20, 18057-18058.	3.3	8
48	Plasma Gamma-Glutamyltransferase (GGT) Activity in Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2013, 19, E21-E22.	1.9	2
49	Gamma-glutamyltransferase, H2O2-induced apoptosis and expression of catalase. Toxicology in Vitro, 2013, 27, 991.	2.4	3
50	Correlates and reference limits of plasma gamma-glutamyltransferase fractions from the Framingham Heart Study. Clinica Chimica Acta, 2013, 417, 19-25.	1.1	35
51	Systematic differences between BNP immunoassays: Comparison of methods using standard protocols and quality control materials. Clinica Chimica Acta, 2013, 424, 287-291.	1.1	28
52	Evaluation of analytical performance of a novel immunoenzymometric assay for cTnI. Clinica Chimica Acta, 2013, 416, 48-49.	1.1	7
53	High-sensitivity gamma-glutamyltransferase fraction pattern in alcohol addicts and abstainers. Drug and Alcohol Dependence, 2013, 127, 239-242.	3.2	21
54	Reference values for alanine aminotransferase, Î±-amylase, aspartate aminotransferase, Î³-glutamyltransferase and lactate dehydrogenase measured according to the IFCC standardization during uncomplicated pregnancy. Clinical Chemistry and Laboratory Medicine, 2013, 51, e239-41.	2.3	7

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55	Developmental variations of plasma gamma-glutamyltransferase fractions in humans and in laboratory mammalians. Biomarkers, 2012, 17, 43-47.	1.9	2
56	Cystic fibrosis, elevated gamma-glutamyltransferase, and lung transplant outcome. Transplant International, 2012, 25, e123-e124.	1.6	0
57	State of the art of BNP and NT-proBNP immunoassays: The CardioOrmoCheck study. Clinica Chimica Acta, 2012, 414, 112-119.	1.1	72
58	Accuracy of bâ€«scp›GGT‹/scp› fraction for the diagnosis of nonâ€alcoholic fatty liver disease. Liver International, 2012, 32, 629-634.	3.9	45
59	Contribution by Polymorphonucleate Granulocytes to Elevated Gamma-Glutamyltransferase in Cystic Fibrosis Sputum. PLoS ONE, 2012, 7, e34772.	2.5	29
60	Serum Gamma-Glutamyltransferase and Intima-Media Thickness: Pointing Again to Wall/Lumen Interactions in Atherosclerosis. Angiology, 2011, 62, 105-106.	1.8	2
61	Serum gamma-glutamyltransferase fractions in Myotonic Dystrophy type I: Differences with healthy subjects and patients with liver disease. Clinical Biochemistry, 2010, 43, 1246-1248.	1.9	8
62	Cardiovascular risk factors and Î³-glutamyltransferase fractions in healthy individuals. Clinical Chemistry and Laboratory Medicine, 2010, 48, 713-717.	2.3	32
63	Aortic valve disease and gamma-glutamyltransferase: Accumulation in tissue and relationships with calcific degeneration. Atherosclerosis, 2010, 213, 385-391.	0.8	14
64	Gamma-glutamyltransferase of cancer cells at the crossroads of tumor progression, drug resistance and drug targeting. Anticancer Research, 2010, 30, 1169-81.	1.1	169
65	Serum Î³-glutamyltransferase: linking together environmental pollution, redox equilibria and progression of atherosclerosis?. Clinical Chemistry and Laboratory Medicine, 2009, 47, 1583-4.	2.3	4
66	A kinetic study of gamma-glutamyltransferase (GGT)-mediated S-nitrosoglutathione catabolism. Archives of Biochemistry and Biophysics, 2009, 481, 191-196.	3.0	25
67	Exogenous vs. endogenous Î³-glutamyltransferase activity: Implications for the specific determination of S-nitrosoglutathione in biological samples. Archives of Biochemistry and Biophysics, 2009, 487, 146-152.	3.0	19
68	Cultured human cells release soluble Î³-glutamyltransferase complexes corresponding to the plasma b-GGT. Biomarkers, 2009, 14, 486-492.	1.9	26
69	Î³-Glutamyltransferase activity in human atherosclerotic plaquesâ€"Biochemical similarities with the circulating enzyme. Atherosclerosis, 2009, 202, 119-127.	0.8	108
70	A high performance gel filtration chromatography method for Î³-glutamyltransferase fraction analysis. Analytical Biochemistry, 2008, 374, 1-6.	2.4	58
71	Vitamin C supply to bronchial epithelial cells linked to glutathione availability in elf â€" A role for secreted Î³-glutamyltransferase?. Journal of Cystic Fibrosis, 2008, 7, 174-178.	0.7	9
72	Fractions of plasma gamma-glutamyltransferase in healthy individuals: Reference values. Clinica Chimica Acta, 2008, 395, 188-189.	1.1	30

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73	GAMMA-GLUTAMYLTRANSFERASE DEPOSITS IN HUMAN ATHEROSCLEROTIC PLAQUES: POTENTIAL RELATIONSHIPS WITH THE CIRCULATING ENZYME. Atherosclerosis Supplements, 2008, 9, 220-221.	1.2	1
74	The Ultimate Method for Determination of Sâ€Nitrosoglutathione (GSNO): Enzymatic/Copper Mediated Decomposition plus DAFâ€NO ReactionÂ®. FASEB Journal, 2008, 22, 65-65.	0.5	1
75	Î³-glutamyltransferase and pathogenesis of cardiovascular diseases. Future Cardiology, 2007, 3, 263-270.	1.2	11
76	G.P.14.04 Oxidative stress markers are reduced after cysteine donor enriched dietary intake in myotonic dystrophy type I. Neuromuscular Disorders, 2007, 17, 855.	0.6	0
77	PO12-315 GAMMA-GLUTAMYLTRANSFERASE ACTIVITY IN HUMAN ATHEROSCLEROTIC PLAQUES: ORIGIN, PROOXIDANT EFFECTS AND POTENTIAL ROLES IN PROGRESSION OF DISEASE. Atherosclerosis Supplements, 2007, 8, 95.	1.2	1
78	Antioxidant capacity and protein oxidation in cerebrospinal fluid of amyotrophic lateral sclerosis. Journal of Neurology, 2007, 254, 575-580.	3.6	53
79	Modulation of cell growth and cisplatin sensitivity by membrane Î³-glutamyltransferase in melanoma cells. European Journal of Cancer, 2006, 42, 2623-2630.	2.8	69
80	The Potential Roles of Gamma-Glutamyltransferase Activity in the Progression of Atherosclerosis and Cardiovascular Diseases. Vascular Disease Prevention, 2006, 3, 205-209.	0.2	5
81	TheS-Thiolating Activity of Membrane Î³-Glutamyltransferase: Formation of Cysteinyl-Glycine Mixed Disulfides with Cellular Proteins and in the Cell Microenvironment. Antioxidants and Redox Signaling, 2005, 7, 911-918.	5.4	45
82	Plasma membrane Î³-glutamyltransferase activity facilitates the uptake of vitamin C in melanoma cells. Free Radical Biology and Medicine, 2004, 37, 1906-1915.	2.9	21
83	Î³-Glutamyl transpeptidase catalyses the extracellular detoxification of cisplatin in a human cell line derived from the proximal convoluted tubule of the kidney. European Journal of Cancer, 2003, 39, 996-1003.	2.8	61