

Alfonso Pompella

List of Publications by Year in descending order

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153
papers

7,105
citations

61984

43
h-index

60623

81
g-index

155
all docs

155
docs citations

155
times ranked

8343
citing authors

#	ARTICLE	IF	CITATIONS
1	The changing faces of glutathione, a cellular protagonist. <i>Biochemical Pharmacology</i> , 2003, 66, 1499-1503.	4.4	1,100
2	Gamma-Glutamyltransferase, Atherosclerosis, and Cardiovascular Disease. <i>Circulation</i> , 2005, 112, 2078-2080.	1.6	289
3	Biomarkers. <i>Molecular Aspects of Medicine</i> , 2002, 23, 101-208.	6.4	250
4	Expression of γ -glutamyltransferase in cancer cells and its significance in drug resistance. <i>Biochemical Pharmacology</i> , 2006, 71, 231-238.	4.4	241
5	Oxidative stress and antioxidant therapy in cystic fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 690-713.	3.8	186
6	Hydrogen peroxide produced during γ -glutamyl transpeptidase activity is involved in prevention of apoptosis and maintenance of proliferation in U937 cells. <i>FASEB Journal</i> , 1999, 13, 69-79.	0.5	172
7	Human Atherosclerotic Plaques Contain Gamma-Glutamyl Transpeptidase Enzyme Activity. <i>Circulation</i> , 2004, 109, 1440-1440.	1.6	172
8	Glutathione catabolism as a signaling mechanism. <i>Biochemical Pharmacology</i> , 2002, 64, 1027-1035.	4.4	171
9	Gamma-glutamyltransferase of cancer cells at the crossroads of tumor progression, drug resistance and drug targeting. <i>Anticancer Research</i> , 2010, 30, 1169-81.	1.1	169
10	Cellular pathways for transport and efflux of ascorbate and dehydroascorbate. <i>Archives of Biochemistry and Biophysics</i> , 2010, 500, 107-115.	3.0	168
11	Restoration of Nitric Oxide Availability After Calcium Antagonist Treatment in Essential Hypertension. <i>Hypertension</i> , 2001, 37, 943-948.	2.7	145
12	Redox modulation of cell surface protein thiols in U937 lymphoma cells: the role of γ -glutamyl transpeptidase-dependent H ₂ O ₂ production and S-thiolation. <i>Free Radical Biology and Medicine</i> , 1999, 27, 623-635.	2.9	144
13	γ -Glutamyltransferase, redox regulation and cancer drug resistance. <i>Current Opinion in Pharmacology</i> , 2007, 7, 360-366.	3.5	142
14	Measurement of lipid peroxidation in vivo: A comparison of different procedures. <i>Lipids</i> , 1987, 22, 206-211.	1.7	139
15	Prognostic value of serum gamma-glutamyl transferase activity after myocardial infarction. <i>European Heart Journal</i> , 2001, 22, 1802-1807.	2.2	139
16	Plasma Total Antioxidant Capacity in Hemodialyzed Patients and Its Relationships to other Biomarkers of Oxidative Stress and Lipid Peroxidation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 104-10.	2.3	115
17	γ -Glutamyltransferase activity in human atherosclerotic plaques—Biochemical similarities with the circulating enzyme. <i>Atherosclerosis</i> , 2009, 202, 119-127.	0.8	108
18	Liver glutathione depletion induced by bromobenzene, iodobenzene, and diethylmaleate poisoning and its relation to lipid peroxidation and necrosis. <i>American Journal of Pathology</i> , 1985, 118, 225-37.	3.8	104

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19	Histochemical detection of lipid peroxidation in the liver of bromobenzene-poisoned mice. <i>American Journal of Pathology</i> , 1987, 129, 295-301.	3.8	101
20	Gamma-glutamyl transpeptidase-dependent iron reduction and LDL oxidation—a potential mechanism in atherosclerosis. <i>Journal of Investigative Medicine</i> , 1999, 47, 151-60.	1.6	94
21	Î²-Lipoprotein- and LDL-associated serum Î³-glutamyltransferase in patients with coronary atherosclerosis. <i>Atherosclerosis</i> , 2006, 186, 80-85.	0.8	85
22	Glutathione transferase omega 1-1 (GSTO1-1) plays an anti-apoptotic role in cell resistance to cisplatin toxicity. <i>Carcinogenesis</i> , 2010, 31, 804-811.	2.8	84
23	Gamma-Glutamyl Transpeptidase-Dependent Lipid Peroxidation in Isolated Hepatocytes and HepG2 Hepatoma Cells. <i>Free Radical Biology and Medicine</i> , 1997, 22, 853-860.	2.9	83
24	The significance of serum Î³-glutamyltransferase in cardiovascular diseases. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 1085-91.	2.3	80
25	Lipid peroxidation, protein thiols and calcium homeostasis in bromobenzene-induced liver damage. <i>Biochemical Pharmacology</i> , 1987, 36, 3689-3695.	4.4	70
26	Modulation of cell growth and cisplatin sensitivity by membrane Î³-glutamyltransferase in melanoma cells. <i>European Journal of Cancer</i> , 2006, 42, 2623-2630.	2.8	69
27	Prooxidant Reactions Promoted by Soluble and Cell-Bound Î³-Glutamyltransferase Activity. <i>Methods in Enzymology</i> , 2005, 401, 484-501.	1.0	64
28	Membrane gamma-glutamyl transpeptidase activity of melanoma cells: effects on cellular H2O2 production, cell surface protein thiol oxidation and NF-Î²B activation status. <i>Journal of Cell Science</i> , 2000, 113, 2671-2678.	2.0	62
29	Î³-Glutamyl transpeptidase catalyses the extracellular detoxification of cisplatin in a human cell line derived from the proximal convoluted tubule of the kidney. <i>European Journal of Cancer</i> , 2003, 39, 996-1003.	2.8	61
30	Does Diabetes Mellitus Play a Role in Restenosis and Patency Rates Following Lower Extremity Peripheral Arterial Revascularization? A Critical Overview. <i>Annals of Vascular Surgery</i> , 2008, 22, 481-491.	0.9	61
31	Î³-Glutamyltransferase-dependent prooxidant reactions: A factor in multiple processes. <i>BioFactors</i> , 2003, 17, 187-198.	5.4	59
32	A high performance gel filtration chromatography method for Î³-glutamyltransferase fraction analysis. <i>Analytical Biochemistry</i> , 2008, 374, 1-6.	2.4	58
33	The dark side of gamma-glutamyltransferase (GGT): Pathogenic effects of an "antioxidant" enzyme. <i>Free Radical Biology and Medicine</i> , 2020, 160, 807-819.	2.9	58
34	Detection of 4-hydroxynonenal and other lipid peroxidation products in the liver of bromobenzene-poisoned mice. <i>Lipids and Lipid Metabolism</i> , 1986, 876, 658-666.	2.6	55
35	Histochemical visualization of oxidant stress. <i>Free Radical Biology and Medicine</i> , 2000, 29, 1096-1105.	2.9	54
36	Serum Gamma-Glutamyltransferase as a Risk Factor of Ischemic Stroke Might Be Independent of Alcohol Consumption. <i>Stroke</i> , 2002, 33, 1163-1164.	2.0	54

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37	Antioxidant capacity and protein oxidation in cerebrospinal fluid of amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2007, 254, 575-580.	3.6	53
38	Membrane gamma-glutamyl transferase activity promotes iron-dependent oxidative DNA damage in melanoma cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 669, 112-121.	1.0	53
39	Additive prognostic value of gamma-glutamyltransferase in coronary artery disease. <i>International Journal of Cardiology</i> , 2009, 136, 80-85.	1.7	53
40	Loss of membrane protein thiols and lipid peroxidation in allyl alcohol hepatotoxicity. <i>Biochemical Pharmacology</i> , 1991, 41, 1255-1259.	4.4	46
41	Enhanced resistance of HeLa cells to cisplatin by overexpression of $\hat{\Gamma}^3$ -glutamyltransferase. <i>Biochemical Pharmacology</i> , 2002, 64, 207-216.	4.4	45
42	The S-Thiolating Activity of Membrane $\hat{\Gamma}^3$ -Glutamyltransferase: Formation of Cysteinyl-Glycine Mixed Disulfides with Cellular Proteins and in the Cell Microenvironment. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 911-918.	5.4	45
43	Accuracy of $\hat{\Gamma}^3$ -GGT fraction for the diagnosis of non-alcoholic fatty liver disease. <i>Liver International</i> , 2012, 32, 629-634.	3.9	45
44	Ca ²⁺ -dependent and independent mitochondrial damage in hepatocellular injury. <i>Cell Calcium</i> , 1991, 12, 335-341.	2.4	44
45	Prospective Study of the Association of Serum $\hat{\Gamma}^3$ -Glutamyltransferase with Cervical Intraepithelial Neoplasia III and Invasive Cervical Cancer. <i>Cancer Research</i> , 2010, 70, 3586-3593.	0.9	44
46	Release of free, redox-active iron in the liver and DNA oxidative damage following phenylhydrazine intoxication. <i>Biochemical Pharmacology</i> , 1997, 53, 1743-1751.	4.4	43
47	Gamma-glutamyltransferase as a cardiovascular risk factor. <i>European Heart Journal</i> , 2006, 27, 2145-2146.	2.2	37
48	Photofunctionalization of dental zirconia oxide: Surface modification to improve bio-integration preserving crystal stability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 194-202.	5.0	37
49	Metabolism of the Tumor Angiogenesis Inhibitor 4-(N-(S-Glutathionylacetyl)amino)phenylarsonous Acid. <i>Journal of Biological Chemistry</i> , 2008, 283, 35428-35434.	3.4	36
50	The cell-specific anti-proliferative effect of reduced glutathione is mediated by $\hat{\Gamma}^3$ -glutamyl transpeptidase-dependent extracellular pro-oxidant reactions. <i>International Journal of Cancer</i> , 1997, 71, 246-250.	5.1	35
51	Protection of erythrocytes against oxidative damage and autologous immunoglobulin G (IgG) binding by iron chelator fluor-benzoyl-pyridoxal hydrazone. <i>Biochemical Pharmacology</i> , 2000, 59, 1365-1373.	4.4	35
52	Release of mercury from dental amalgam and its influence on salivary antioxidant activity. <i>Science of the Total Environment</i> , 2002, 284, 19-25.	8.0	34
53	Cardiovascular risk factors and $\hat{\Gamma}^3$ -glutamyltransferase fractions in healthy individuals. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 713-717.	2.3	32
54	Regulation of protein function by S-nitrosation and S-glutathionylation: processes and targets in cardiovascular pathophysiology. <i>Biological Chemistry</i> , 2017, 398, 1267-1293.	2.5	31

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55	Contribution of $\hat{\Gamma}^3$ glutamyl transpeptidase to oxidative damage of ischemic rat kidney. <i>Kidney International</i> , 2000, 57, 526-533.	5.2	30
56	Redox modulation of protein kinase/phosphatase balance in melanoma cells: the role of endogenous and $\hat{\Gamma}^3$ -glutamyltransferase-dependent H ₂ O ₂ production. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1621, 76-83.	2.4	30
57	Fractions of plasma gamma-glutamyltransferase in healthy individuals: Reference values. <i>Clinica Chimica Acta</i> , 2008, 395, 188-189.	1.1	30
58	Contribution by Polymorphonucleate Granulocytes to Elevated Gamma-Glutamyltransferase in Cystic Fibrosis Sputum. <i>PLoS ONE</i> , 2012, 7, e34772.	2.5	29
59	The use of 3-hydroxy-2-naphthoic acid hydrazide and Fast Blue B for the histochemical detection of lipid peroxidation in animal tissues " a microphotometric study. <i>Histochemistry</i> , 1991, 95, 255-262.	1.9	28
60	Editorial: the changing faces of glutathione, a cellular protagonist. <i>Frontiers in Pharmacology</i> , 2015, 6, 98.	3.5	28
61	Modulation of human T lymphocyte proliferation by 4-hydroxynonenal, the bioactive product of neutrophil-dependent lipid peroxidation. <i>Life Sciences</i> , 1997, 61, 777-785.	4.3	27
62	Cellular response to oxidative stress and ascorbic acid in melanoma cells overexpressing $\hat{\Gamma}^3$ -glutamyltransferase. <i>European Journal of Cancer</i> , 2008, 44, 750-759.	2.8	27
63	The visualization of oxidant stress in tissues and isolated cells. <i>Histology and Histopathology</i> , 2000, 15, 173-84.	0.7	27
64	4-Hydroxynonenal and other lipid peroxidation products are formed in mouse liver following intoxication with allyl alcohol. <i>Lipids and Lipid Metabolism</i> , 1988, 961, 293-298.	2.6	26
65	Cultured human cells release soluble $\hat{\Gamma}^3$ -glutamyltransferase complexes corresponding to the plasma b-GGT. <i>Biomarkers</i> , 2009, 14, 486-492.	1.9	26
66	Enhancement of oxidative cell injury and antitumor effects of localized 44 degrees C hyperthermia upon combination with respiratory hyperoxia and xanthine oxidase. <i>Cancer Research</i> , 1998, 58, 2693-8.	0.9	26
67	A kinetic study of gamma-glutamyltransferase (GGT)-mediated S-nitrosoglutathione catabolism. <i>Archives of Biochemistry and Biophysics</i> , 2009, 481, 191-196.	3.0	25
68	Protection by ascorbic acid against oxidative injury of isolated hepatocytes. <i>Xenobiotica</i> , 1994, 24, 281-289.	1.1	24
69	Single-cell investigation by laser scanning confocal microscopy of cytochemical alterations resulting from extracellular oxidant challenge. <i>Histochemistry and Cell Biology</i> , 1996, 105, 173-178.	1.7	24
70	Oxidative stress enhances and modulates protein S-nitrosation in smooth muscle cells exposed to S-nitrosoglutathione. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 69, 10-21.	2.7	24
71	Determination of S-nitrosoglutathione in plasma: Comparison of two methods. <i>Talanta</i> , 2010, 81, 1295-1299.	5.5	23
72	Endogenous Oxidative Stress Induces Distinct Redox Forms of Tumor Necrosis Factor Receptor-1 in Melanoma Cells. <i>Annals of the New York Academy of Sciences</i> , 2004, 1030, 62-68.	3.8	22

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73	Methods for studying the glucose-6-phosphate dehydrogenase activity in brain areas. <i>Brain Research Protocols</i> , 1997, 1, 357-363.	1.6	21
74	Extra-cellular thiol metabolism in clones of human metastatic melanoma with different gamma-glutamyl transpeptidase expression: Implications for cell response to platinum-based drugs. <i>International Journal of Cancer</i> , 2002, 97, 740-745.	5.1	21
75	Plasma membrane $\hat{\Gamma}^3$ -glutamyltransferase activity facilitates the uptake of vitamin C in melanoma cells. <i>Free Radical Biology and Medicine</i> , 2004, 37, 1906-1915.	2.9	21
76	Effects of Azithromycin on Glutathione S-Transferases in Cystic Fibrosis Airway Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 41, 199-206.	2.9	21
77	$\hat{\Gamma}^3$ -Glutamyltransferase enzyme activity of cancer cells modulates L- $\hat{\Gamma}^3$ -glutamyl-p-nitroanilide (GPNA) cytotoxicity. <i>Scientific Reports</i> , 2019, 9, 891.	3.3	21
78	Microspectrophotometric evaluation of digestibility of pollen grains. <i>Plant Foods for Human Nutrition</i> , 1997, 50, 115-126.	3.2	20
79	Redox Modulation of NF- $\hat{\Gamma}^B$ Nuclear Translocation and DNA Binding in Metastatic Melanoma. The Role of Endogenous and $\hat{\Gamma}^3$ -Glutamyl Transferase-Dependent Oxidative Stress. <i>Tumori</i> , 2003, 89, 426-433.	1.1	19
80	Exogenous vs. endogenous $\hat{\Gamma}^3$ -glutamyltransferase activity: Implications for the specific determination of S-nitrosoglutathione in biological samples. <i>Archives of Biochemistry and Biophysics</i> , 2009, 487, 146-152.	3.0	19
81	Endothelial $\hat{\Gamma}^3$ -Glutamyltransferase Contributes to the Vasorelaxant Effect of S-Nitrosoglutathione in Rat Aorta. <i>PLoS ONE</i> , 2012, 7, e43190.	2.5	19
82	Glucose 6-phosphate stimulation of MgATP-dependent Ca ²⁺ uptake by rat kidney microsomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1022, 129-133.	2.6	18
83	Selective colocalization of lipid peroxidation and protein thiol loss in chemically induced hepatic preneoplastic lesions: the role of $\hat{\Gamma}^3$ -glutamyltranspeptidase activity. <i>Histochemistry and Cell Biology</i> , 1996, 106, 275-282.	1.7	18
84	Mechanisms and targets of the modulatory action of S-nitrosoglutathione (GSNO) on inflammatory cytokines expression. <i>Archives of Biochemistry and Biophysics</i> , 2014, 562, 80-91.	3.0	18
85	Monocytes/macrophages activation contributes to b-gamma-glutamyltransferase accumulation inside atherosclerotic plaques. <i>Journal of Translational Medicine</i> , 2015, 13, 325.	4.4	18
86	Phenotypic Modulation of Macrophages and Vascular Smooth Muscle Cells in Atherosclerosisâ€™ Nitro-Redox Interconnections. <i>Antioxidants</i> , 2021, 10, 516.	5.1	16
87	Postnatal expression of glucose-6-phosphate dehydrogenase in different brain areas. <i>Neurochemical Research</i> , 1998, 23, 1197-1204.	3.3	15
88	Possible role of membrane gamma-glutamyltransferase activity in the facilitation of transferrin-dependent and -independent iron uptake by cancer cells. <i>Cancer Cell International</i> , 2003, 3, 7.	4.1	15
89	$\hat{\Gamma}^3$ -Glutamyltransferase-dependent resistance to arsenic trioxide in melanoma cells and cellular sensitization by ascorbic acid. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1516-1526.	2.9	15
90	Body mass index and metabolic factors predict glomerular filtration rate and albuminuria over 20Âyears in a high-risk population. <i>BMC Nephrology</i> , 2013, 14, 177.	1.8	15

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91	Glucose-6-phosphate dehydrogenase activity is higher in the olfactory bulb than in other brain areas. <i>Brain Research</i> , 1997, 744, 138-142.	2.2	14
92	Aortic valve disease and gamma-glutamyltransferase: Accumulation in tissue and relationships with calcific degeneration. <i>Atherosclerosis</i> , 2010, 213, 385-391.	0.8	14
93	Imaging of oxidative stress at subcellular level by confocal laser scanning microscopy after fluorescent derivatization of cellular carbonyls. <i>American Journal of Pathology</i> , 1993, 142, 1353-7.	3.8	14
94	MgATP-dependent, glucose 6-phosphate-stimulated liver microsomal Ca ²⁺ accumulation: Difference between rough and smooth microsomes. <i>Archives of Biochemistry and Biophysics</i> , 1988, 266, 1-9.	3.0	13
95	Role of a nonmitochondrial Ca ²⁺ pool in the synergistic stimulation by cyclic AMP and vasopressin of Ca ²⁺ uptake in isolated rat hepatocytes. <i>Archives of Biochemistry and Biophysics</i> , 1991, 287, 320-328.	3.0	13
96	Employing Pancreatic Tumor $\hat{\text{I}}^3$ -Glutamyltransferase for Therapeutic Delivery. <i>Molecular Pharmaceutics</i> , 2014, 11, 1500-1511.	4.6	13
97	Association between plasma gamma-glutamyltransferase fractions and metabolic syndrome among hypertensive patients. <i>Scientific Reports</i> , 2017, 7, 12003.	3.3	12
98	Serum gamma-glutamyl transpeptidase: A prognostic marker in cardiovascular diseases. <i>BioFactors</i> , 2003, 17, 199-205.	5.4	11
99	$\hat{\text{I}}^3$ -glutamyltransferase and pathogenesis of cardiovascular diseases. <i>Future Cardiology</i> , 2007, 3, 263-270.	1.2	11
100	$\hat{\text{I}}^3$ -Glutamyltransferase and Breast Cancer Risk Beyond Alcohol Consumption and Other Life Style Factors – A Pooled Cohort Analysis. <i>PLoS ONE</i> , 2016, 11, e0149122.	2.5	11
101	Glutathione Depletion, Lipid Peroxidation, and Liver Necrosis following Bromobenzene and Iodobenzene Intoxication. <i>Toxicologic Pathology</i> , 1984, 12, 295-299.	1.8	10
102	The determination of S-nitrosothiols in biological samples – Procedures, problems and precautions. <i>Life Sciences</i> , 2011, 88, 126-129.	4.3	10
103	Gamma-glutamyltranspeptidase activity in human ovarian carcinoma. <i>Anticancer Research</i> , 1996, 16, 3053-8.	1.1	10
104	Gamma-glutamyltransferase in fine-needle liver biopsies of subjects with chronic hepatitis C. <i>Journal of Viral Hepatitis</i> , 2005, 12, 269-273.	2.0	9
105	Vitamin C supply to bronchial epithelial cells linked to glutathione availability in elf – A role for secreted $\hat{\text{I}}^3$ -glutamyltransferase?. <i>Journal of Cystic Fibrosis</i> , 2008, 7, 174-178.	0.7	9
106	Determination of a Redox Compensation Index and Its Relationships to Glycaemic Control in Type 2 Diabetes Mellitus. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000, 38, 983-7.	2.3	8
107	Advanced oxidation protein products in serum of patients with myotonic disease type I: association with serum $\hat{\text{I}}^3$ -glutamyltransferase and disease severity. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 745-7.	2.3	8
108	Serum gamma-glutamyltransferase fractions in Myotonic Dystrophy type I: Differences with healthy subjects and patients with liver disease. <i>Clinical Biochemistry</i> , 2010, 43, 1246-1248.	1.9	8

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109	Accurate measurement of reduced glutathione in gamma-glutamyltransferase-rich brain microvessel fractions. <i>Brain Research</i> , 2011, 1369, 95-102.	2.2	8
110	<i>Helicobacter</i> , gamma-glutamyltransferase and cancer: Further intriguing connections. <i>World Journal of Gastroenterology</i> , 2014, 20, 18057-18058.	3.3	8
111	Iron release and oxidant damage in human myoblasts by divicine. <i>Life Sciences</i> , 2000, 66, PL85-PL91.	4.3	7
112	$\hat{\Gamma}^3$ -Glutamyltransferase catabolism of S-nitrosoglutathione modulates IL-8 expression in cystic fibrosis bronchial epithelial cells. <i>Free Radical Biology and Medicine</i> , 2013, 65, 360-370.	2.9	7
113	Increasing sputum levels of gamma-glutamyltransferase may identify cystic fibrosis patients who do not benefit from inhaled glutathione. <i>Journal of Cystic Fibrosis</i> , 2017, 16, 342-345.	0.7	7
114	Familial lead poisoning from contaminated wine. <i>Italian Journal of Neurological Sciences</i> , 1981, 2, 283-290.	0.1	6
115	Immunohistochemical Detection of Protein Oxidation. , 2002, 196, 35-40.		6
116	Influence of unsaturated carbonic acids on hemocompatibility and cytotoxicity of poly-vinylacetate based co-polymers. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 1693-1702.	3.6	6
117	Glutathione depletion, lipid peroxidation, and the antecedents of ferroptosis: What about cellular calcium ?. <i>Free Radical Biology and Medicine</i> , 2019, 143, 221-222.	2.9	6
118	Photofunctionalization effect and biological ageing of PEEK, TiO2 and ZrO2 abutments material. <i>Materials Science and Engineering C</i> , 2021, 121, 111823.	7.3	6
119	Airways glutathione S-transferase omega-1 and its A140D polymorphism are associated with severity of inflammation and respiratory dysfunction in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 1053-1061.	0.7	6
120	Gamma-glutamyl-transferase is associated with incident hip fractures in women and menâ€™s 50 years: a large population-based cohort study. <i>Osteoporosis International</i> , 2022, 33, 1295-1307.	3.1	6
121	The Potential Roles of Gamma-Glutamyltransferase Activity in the Progression of Atherosclerosis and Cardiovascular Diseases. <i>Vascular Disease Prevention</i> , 2006, 3, 205-209.	0.2	5
122	Reduced Activity of the Aortic Gamma-Glutamyltransferase Does Not Decrease S-Nitrosoglutathione Induced Vasorelaxation of Rat Aortic Rings. <i>Frontiers in Physiology</i> , 2016, 7, 630.	2.8	5
123	Induction of Gamma-Glutamyltransferase Activity and Consequent Pro-oxidant Reactions in Human Macrophages Exposed to Crocidolite Asbestos. <i>Toxicological Sciences</i> , 2020, 177, 476-482.	3.1	5
124	Platelet activation, gamma-glutamyltransferase and stent restenosis. <i>Atherosclerosis</i> , 2007, 195, e231-e232.	0.8	4
125	Serum $\hat{\Gamma}^3$ -glutamyltransferase: linking together environmental pollution, redox equilibria and progression of atherosclerosis?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 1583-4.	2.3	4
126	Highly Elevated Plasma $\hat{\Gamma}^3$ -Glutamyltransferase Elevations: A Trait Caused by $\hat{\Gamma}^3$ -Glutamyltransferase 1 Transmembrane Mutations. <i>Hepatology</i> , 2020, 71, 1124-1127.	7.3	4

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127	Indirect Immunofluorescence Detection of Protein-Bound 4-Hydroxynonenal in Tissue Sections and Isolated Cells. , 2002, 196, 41-46.		3
128	Gamma-glutamyltransferase, H2O2-induced apoptosis and expression of catalase. Toxicology in Vitro, 2013, 27, 991.	2.4	3
129	Glutathione levels modulation as a strategy in host-parasite interactions—insights for biology of cancer. Frontiers in Pharmacology, 2014, 5, 180.	3.5	3
130	The beclomethasone anti-inflammatory effect occurs in cell/mediator-dependent manner and is additively enhanced by formoterol: NFκB, p38, PKA analysis. Life Sciences, 2018, 203, 27-38.	4.3	3
131	Antitumoral effects of pharmacological ascorbate on gastric cancer cells: GLUT1 expression may not tell the whole story. Theranostics, 2018, 8, 6035-6037.	10.0	3
132	On the role of lipid peroxidation and protein-bound aldehydes in the haloalkane-induced inactivation of microsomal glucose 6 phosphatase. Research Communications in Chemical Pathology and Pharmacology, 1990, 68, 73-88.	0.2	3
133	Redox Mechanisms in Cisplatin Resistance of Cancer Cells: The Twofold Role of Gamma-Glutamyltransferase 1 (GGT1). Frontiers in Oncology, 2022, 12, .	2.8	3
134	Cytofluorescence Techniques for the Visualization of Distinct Pools of Protein Thiols at the Single Cell Level. , 2002, 196, 305-312.		2
135	Redox events and cell membrane proteins. Archives of Biochemistry and Biophysics, 2005, 434, 1-2.	3.0	2
136	Serum Gamma-Glutamyltransferase and Intima-Media Thickness: Pointing Again to Wall/Lumen Interactions in Atherosclerosis. Angiology, 2011, 62, 105-106.	1.8	2
137	Developmental variations of plasma gamma-glutamyltransferase fractions in humans and in laboratory mammals. Biomarkers, 2012, 17, 43-47.	1.9	2
138	Early changes of ECM-related gene expression in fibroblasts cultured on TiO2, ZrO2 and PEEK: The beneficial effects of UVC photofunctionalization. Journal of Photochemistry and Photobiology, 2021, 6, 100023.	2.5	2
139	Infanto-juvenile encephaloneuropathy and pigmentary retinopathy in a girl associated with congenital adrenal insufficiency and altered plasma medium-chain fatty acid levels. Journal of Inherited Metabolic Disease, 1988, 11, 178-182.	3.6	1
140	Active Ca2+Accumulation in the Endoplasmic Reticulum of Different Hepatomas: Stimulation by Phosphates and Ca2+-Releasing Effect of IP3. Annals of the New York Academy of Sciences, 1988, 551, 249-252.	3.8	1
141	The use of 3-hydroxy-2-naphthoic acid hydrazide and Fast Blue B for the histochemical detection of lipid peroxidation in animal tissues — a microphotometric study. Histochemistry, 1991, 95, 255-262.	1.9	1
142	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
143	GAMMA-GLUTAMYLTRANSFERASE DEPOSITS IN HUMAN ATHEROSCLEROTIC PLAQUES: POTENTIAL RELATIONSHIPS WITH THE CIRCULATING ENZYME. Atherosclerosis Supplements, 2008, 9, 220-221.	1.2	1
144	Gamma-glutamyltransferases: exploring the complexity of a multi-functional family of enzymes. Frontiers in Pharmacology, 2014, 5, .	3.5	1

#	ARTICLE	IF	CITATIONS
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