

# Fabrizio Gentile

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50 papers	968 citations	18 h-index	30 g-index
53 ext. papers	1,140 ext. citations	4.6 avg, IF	3.68 L-index

#	Paper	IF	Citations
50	Interaction of aldehydes derived from lipid peroxidation and membrane proteins. <i>Frontiers in Physiology</i> , <b>2013</b> , 4, 242	4.6	193
49	Lipid Peroxidation-Derived Aldehydes, 4-Hydroxynonenal and Malondialdehyde in Aging-Related Disorders. <i>Antioxidants</i> , <b>2018</b> , 7,	7.1	89
48	Role of 4-hydroxynonenal-protein adducts in human diseases. <i>Antioxidants and Redox Signaling</i> , <b>2015</b> , 22, 1681-702	8.4	68
47	DNA damage by lipid peroxidation products: implications in cancer, inflammation and autoimmunity. <i>AIMS Genetics</i> , <b>2017</b> , 4, 103-137	2.1	54
46	Molecular epidemiology of extended-spectrum beta-lactamase-producing <i>Klebsiella pneumoniae</i> in a neonatal intensive care unit. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2006</b> , 57, 979-82	5.1	52
45	SDS-resistant active and thermostable dimers are obtained from the dissociation of homotetrameric beta-glycosidase from hyperthermophilic <i>Sulfolobus solfataricus</i> in SDS. Stabilizing role of the A-C intermonomeric interface. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 44050-60	5.4	43
44	Thyroglobulin as an autoantigen: what can we learn about immunopathogenicity from the correlation of antigenic properties with protein structure?. <i>Immunology</i> , <b>2004</b> , 112, 13-25	7.8	42
43	Mitochondrial Dysfunction in Cancer and Neurodegenerative Diseases: Spotlight on Fatty Acid Oxidation and Lipoperoxidation Products. <i>Antioxidants</i> , <b>2016</b> , 5,	7.1	35
42	Thermal stability and aggregation of <i>sulfolobus solfataricus</i> beta-glycosidase are dependent upon the N-epsilon-methylation of specific lysyl residues: critical role of in vivo post-translational modifications. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 10185-94	5.4	33
41	Preferential sites of proteolytic cleavage of bovine, human and rat thyroglobulin. The use of limited proteolysis to detect solvent-exposed regions of the primary structure. <i>FEBS Journal</i> , <b>1993</b> , 218, 603-21		27
40	<i>Bordetella pertussis</i> adenylate cyclase. Penetration into host cells. <i>FEBS Journal</i> , <b>1988</b> , 175, 447-53		27
39	A rare case of brainstem encephalitis by <i>Listeria monocytogenes</i> with isolated mesencephalic localization. Case report and review. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2007</b> , 58, 121-3	2.9	25
38	Exposure of HL-60 human leukaemic cells to 4-hydroxynonenal promotes the formation of adduct(s) with alpha-enolase devoid of plasminogen binding activity. <i>Biochemical Journal</i> , <b>2009</b> , 422, 285-94	3.8	21
37	Identification of hormonogenic tyrosines in fragment 1218-1591 of bovine thyroglobulin by mass spectrometry. Hormonogenic acceptor TYR-12donor TYR-1375. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 639-46	5.4	20
36	The origin of the electrophoretic doublet of thyroglobulin. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 186, 1185-91	3.4	20
35	A nosocomial outbreak of <i>Serratia marcescens</i> producing inducible Amp C-type beta-lactamase enzyme and carrying antimicrobial resistance genes within a class 1 integron. <i>Journal of Hospital Infection</i> , <b>2004</b> , 56, 29-36	6.9	19
34	Antibodies against beta2-glycoprotein I complexed with an oxidised lipoprotein relate to intima thickening of carotid arteries in primary antiphospholipid syndrome. <i>Clinical and Developmental Immunology</i> , <b>2006</b> , 13, 1-9		18

33	The disulfide bond pattern between fragments obtained by the limited proteolysis of bovine thyroglobulin. <i>Biochimie</i> , <b>1999</b> , 81, 517-25	4.6	18
32	Eosinophilia and thrombosis in parasitic diseases: an overview. <i>Clinical and Applied Thrombosis/Hemostasis</i> , <b>2011</b> , 17, 33-8	3.3	14
31	Characteristics and mechanism of action of a heat-stable enterotoxin produced by <i>Klebsiella pneumoniae</i> from infants with secretory diarrhea. <i>Pediatric Research</i> , <b>1989</b> , 25, 514-8	3.2	14
30	The rat asialoglycoprotein receptor binds the amino-terminal domain of thyroglobulin. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 268, 42-6	3.4	13
29	Sensitivity and applications of the nondenaturing staining of proteins on polyvinylidene difluoride membranes with Amido black 10B in water followed by destaining in water. <i>Analytical Biochemistry</i> , <b>1997</b> , 245, 260-2	3.1	12
28	Relevance of antiphospholipid antibodies in multiple sclerosis: A systematic review and meta analysis. <i>Seminars in Arthritis and Rheumatism</i> , <b>2017</b> , 46, 810-818	5.3	8
27	Generation of Adducts of 4-Hydroxy-2-nonenal with Heat Shock 60 kDa Protein 1 in Human Promyelocytic HL-60 and Monocytic THP-1 Cell Lines. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 296146	6.7	8
26	Antiphospholipid antibodies and lower extremity peripheral artery disease: A systematic review and meta-analysis. <i>Seminars in Arthritis and Rheumatism</i> , <b>2020</b> , 50, 1291-1298	5.3	8
25	Hormonogenic donor Tyr2522 of bovine thyroglobulin. Insight into preferential T3 formation at thyroglobulin carboxyl terminus at low iodination level. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 450, 488-93	3.4	7
24	Polyacrylamide gel electrophoresis in discontinuous transverse urea-gradient gels. <i>Analytical Biochemistry</i> , <b>1997</b> , 244, 228-32	3.1	7
23	A single chondroitin 6-sulfate oligosaccharide unit at Ser-2730 of human thyroglobulin enhances hormone formation and limits proteolytic accessibility at the carboxyl terminus. Potential insights into thyroid homeostasis and autoimmunity. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 22200-22211	5.4	7
22	Multiple fragments of human TG are capable of inducing oral tolerance to whole human TG. <i>Journal of Endocrinological Investigation</i> , <b>2003</b> , 26, 294-300	5.2	7
21	Extracellular cAMP formation from host cell ATP by Bordetella pertussis adenylate cyclase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1988</b> , 971, 63-71	4.9	7
20	Nitric oxide metabolites, nitrative stress, and paraoxonase activity in hepatopulmonary syndrome. <i>Scandinavian Journal of Gastroenterology</i> , <b>2016</b> , 51, 73-7	2.4	6
19	Antiphospholipid Antibodies and Autoimmune Haemolytic Anaemia: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
18	Antiphospholipid antibodies and renal transplant: A systematic review and meta-analysis. <i>Seminars in Arthritis and Rheumatism</i> , <b>2019</b> , 48, 1041-1052	5.3	5
17	Oxidative/nitrative stress in the pathogenesis of systemic sclerosis: are antioxidants beneficial?. <i>Free Radical Research</i> , <b>2018</b> , 52, 1063-1082	4	5
16	Effects induced by mono- and divalent cations on protein regions responsible for thermal adaptation in beta-glycosidase from <i>Sulfolobus solfataricus</i> . <i>European Biophysics Journal</i> , <b>2004</b> , 33, 38-49 <sup>1.9</sup>	1.9	4

15	Probing the interaction of thyroglobulin with metal ions by terbium(III) luminescence spectroscopy. <i>Molecular and Cellular Endocrinology</i> , <b>1998</b> , 141, 21-7	4.4	3
14	TSH-induced galactose incorporation at the NH2 terminus of thyroglobulin secreted by FRTL-5 cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 189, 1624-30	3.4	3
13	Isoprostanes in systemic lupus erythematosus and antiphospholipid syndrome: A systematic review and meta-analysis. <i>Autoimmunity Reviews</i> , <b>2021</b> , 20, 102821	13.6	3
12	Recurrent venous thrombosis in an adequately anticoagulated patient with pemphigus vulgaris. <i>Thrombosis Journal</i> , <b>2016</b> , 14, 6	5.6	3
11	Trypsin-resistant regions of thyroglobulin: possible relationship with intermonomeric contact site(s). <i>Biochemical and Biophysical Research Communications</i> , <b>1993</b> , 196, 1120-6	3.4	2
10	Altered Blood Levels of Anti-Gal Antibodies in Alzheimer's Disease: A New Clue to Pathogenesis?. <i>Life</i> , <b>2021</b> , 11,	3	2
9	Antiphospholipid antibodies in end-stage renal disease: A systematic review and meta-analysis. <i>Hemodialysis International</i> , <b>2020</b> , 24, 383-396	1.7	1
8	Modulation of invasiveness and catalytic activity of Bordetella pertussis adenylate cyclase by polycations. <i>Infection and Immunity</i> , <b>1989</b> , 57, 1066-71	3.7	1
7	Homozygous methylenetetrahydrofolate reductase C667T genotype anticipates age at venous thromboembolism by one decade. <i>Blood Coagulation and Fibrinolysis</i> , <b>2021</b> , 32, 382-386	1	1
6	Autoimmune haemolytic anaemia and antiphospholipid antibodies in paediatrics: a systematic review and meta-analysis. <i>Clinical Rheumatology</i> , <b>2021</b> , 40, 1967-1973	3.9	1
5	Antiphospholipid Antibodies in Sickle Cell Disease: A Systematic Review and Exploratory Meta-Analysis. <i>Clinical and Applied Thrombosis/Hemostasis</i> , <b>2021</b> , 27, 10760296211002914	3.3	1
4	Validity of Coagulation Activation Markers in Antiphospholipid Syndrome: A Systematic Review and Meta-analysis with a Short Data Report. <i>Seminars in Thrombosis and Hemostasis</i> , <b>2019</b> , 45, 458-467	5.3	0
3	Earlier onset of peripheral arterial thrombosis in homozygous MTHFR C677T carriers than in other MTHFR genotypes: a cohort study.. <i>Clinical and Experimental Medicine</i> , <b>2022</b> , 1	4.9	0
2	Rituximab/Bendamustine treatment of chronic lymphatic leukemia leads to sustained remission of antiphospholipid antibodies. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 969-970	6.1	
1	Molecular heterogeneity of covalently-linked bovine thyroglobulin dimers. <i>Rendiconti Lincei</i> , <b>1995</b> , 6, 165-178	1.7	