

Giuliana Cighetti

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.

75 papers	1,492 citations	20 h-index	35 g-index
82 ext. papers	1,583 ext. citations	4.1 avg, IF	3.42 L-index

#	Paper	IF	Citations
75	Disposition of metformin (N,N-dimethylbiguanide) in man. <i>Clinical Pharmacology and Therapeutics</i> , 1978 , 24, 683-93	6.1	168
74	Oxidative Stress and Homocysteine in Coronary Artery Disease. <i>Clinical Chemistry</i> , 2001 , 47, 887-892	5.5	115
73	Oxidative status and malondialdehyde in beta-thalassaemia patients. <i>European Journal of Clinical Investigation</i> , 2002 , 32 Suppl 1, 55-60	4.6	104
72	Free and total malondialdehyde assessment in biological matrices by gas chromatography-mass spectrometry: what is needed for an accurate detection. <i>Analytical Biochemistry</i> , 1999 , 266, 222-9	3.1	83
71	Effect of local hyperthermia of the bladder on mitomycin C pharmacokinetics during intravesical chemotherapy for the treatment of superficial transitional cell carcinoma. <i>British Journal of Clinical Pharmacology</i> , 2001 , 52, 273-8	3.8	62
70	Isoprostanes and oxidative stress in off-pump and on-pump coronary bypass surgery. <i>Annals of Thoracic Surgery</i> , 2006 , 81, 562-7	2.7	50
69	Proteomics reveals novel oxidative and glycolytic mechanisms in type 1 diabetic patients skin which are normalized by kidney-pancreas transplantation. <i>PLoS ONE</i> , 2010 , 5, e9923	3.7	49
68	Age- and gender-related oxidative status determined in healthy subjects by means of OXY-SCORE, a potential new comprehensive index. <i>Biomarkers</i> , 2006 , 11, 562-73	2.6	48
67	Determination of asymmetric and symmetric dimethylarginines in plasma of hyperhomocysteinemic subjects. <i>Amino Acids</i> , 2005 , 28, 389-94	3.5	39
66	Free and total plasma malondialdehyde in chronic renal insufficiency and in dialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 2524-9	4.3	37
65	Glutathione, vitamin E and oxidative stress in coronary artery disease: relevance of age and gender. <i>European Journal of Clinical Investigation</i> , 2009 , 39, 267-72	4.6	32
64	Blood glutathione as independent marker of lipid peroxidation in heart failure. <i>International Journal of Cardiology</i> , 2007 , 117, 45-50	3.2	32
63	Evaluation of 3-hydroxy-3-methylglutaryl-CoA reductase activity by multiple-selected ion monitoring. <i>Analytical Biochemistry</i> , 1981 , 110, 153-8	3.1	29
62	Use of Methyl Malondialdehyde as an Internal Standard for Malondialdehyde Detection: Validation by Isotope-Dilution Gas Chromatography/Mass Spectrometry. <i>Clinical Chemistry</i> , 2002 , 48, 2266-2269	5.5	24
61	Synthesis of carminic acid, the colourant principle of cochineal. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 575-582		23
60	Anesthetic propofol enhances plasma gamma-tocopherol levels in patients undergoing cardiac surgery. <i>Anesthesiology</i> , 2008 , 108, 988-97	4.3	23
59	Creatinine determination in serum by capillary electrophoresis. <i>Electrophoresis</i> , 2004 , 25, 463-8	3.6	22

58	Modulation of HMG-CoA reductase activity by pantetheine/pantethine. <i>Lipids and Lipid Metabolism</i> , 1988 , 963, 389-93		22
57	Measurement of mevalonate in human plasma and urine by multiple selected ion monitoring. <i>Biomedical & Environmental Mass Spectrometry</i> , 1989 , 18, 174-6		21
56	A simple model for studies on the regulation of cholesterol synthesis using freshly isolated hepatocytes. <i>FEBS Journal</i> , 1983 , 133, 573-8		21
55	Glutamate-cysteine ligase polymorphism, hypertension, and male sex are associated with cardiovascular events. Biochemical and genetic characterization of Italian subpopulation. <i>American Heart Journal</i> , 2007 , 154, 1123-9	4.9	20
54	Effect of glutathione depletion on the conversion of xanthine dehydrogenase to oxidase in rat liver. <i>Biochemical Pharmacology</i> , 1993 , 45, 2359-61	6	20
53	Increased free malondialdehyde concentrations in smokers normalise with a mixed fruit and vegetable juice concentrate: a pilot study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 391-5	5.9	19
52	The effect of cholestyramine on liver HMG-CoA reductase and cholesterol 7 alpha-hydroxylase in various laboratory animals. <i>Life Sciences</i> , 1983 , 33, 2483-8	6.8	18
51	Effects of encapsulated fruit and vegetable juice powder concentrates on oxidative status in heavy smokers. <i>Journal of the American College of Nutrition</i> , 2011 , 30, 49-56	3.5	17
50	Development of a multianalyte method for the determination of anabolic hormones in bovine urine by isotope-dilution GC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 1869-79	4.4	17
49	Plasma total cysteine and cardiovascular risk burden: action and interaction. <i>Scientific World Journal, The</i> , 2012 , 2012, 303654	2.2	16
48	Dimethylarginines in complicated type 1 diabetes: roles of insulin, glucose, and oxidative stress. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 307-11	7.8	16
47	Pantethine inhibits cholesterol and fatty acid syntheses and stimulates carbon dioxide formation in isolated rat hepatocytes. <i>Journal of Lipid Research</i> , 1987 , 28, 152-61	6.3	16
46	Plasma malondialdehyde levels and opiate withdrawal signs observed in rats treated with morphine plus naloxone: effects of alpha-lipoic acid administration. <i>Fundamental and Clinical Pharmacology</i> , 2008 , 22, 439-45	3.1	15
45	Evaluation of oxidative stress in serum of critically ill patients by a commercial assay and gas chromatography-mass spectrometry. <i>Clinical Chemistry</i> , 2005 , 51, 1515-7	5.5	15
44	Pantethine inhibits cholesterol and fatty acid syntheses and stimulates carbon dioxide formation in isolated rat hepatocytes.. <i>Journal of Lipid Research</i> , 1987 , 28, 152-161	6.3	15
43	pH sensitivity and plasma stability of liposomes containing N-stearoylcysteamine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997 , 1329, 291-301	3.8	13
42	Plasma glutathione levels are independently associated with gamma-glutamyltransferase activity in subjects with cardiovascular risk factors. <i>Free Radical Research</i> , 2008 , 42, 135-41	4	13
41	Effect of homocysteine lowering by 5-methyltetrahydrofolate on redox status in hyperhomocysteinemia. <i>Journal of Cardiovascular Pharmacology</i> , 2006 , 47, 549-55	3.1	13

40	Validation of methyl malondialdehyde as internal standard for malondialdehyde detection by capillary electrophoresis. <i>Analytical Biochemistry</i> , 2002 , 307, 92-8	3.1	13
39	Inhibition of in vitro lipid peroxidation by stable steroidal nitroxyl radicals. <i>Chemistry and Physics of Lipids</i> , 1997 , 88, 97-106	3.7	12
38	Lipophilic beta-adrenoceptor antagonists stimulate cholesterol biosynthesis in human skin fibroblasts. <i>Biochemical Pharmacology</i> , 1987 , 36, 1901-6	6	11
37	3-Hydroxy-3-methylglutaric acid (HMGCoA) reduces dietary cholesterol induction of saturated bile in hamster. <i>Life Sciences</i> , 1982 , 30, 1907-14	6.8	11
36	Determination of diclofenac in human plasma by selected ion monitoring. <i>Biological Mass Spectrometry</i> , 1991 , 20, 426-30		10
35	Effects of pantethine on cholesterol synthesis from mevalonate in isolated rat hepatocytes. <i>Atherosclerosis</i> , 1986 , 60, 67-77	3.1	10
34	Studies on the 14 alpha-demethylation mechanism in cholesterol biosynthesis. <i>FEBS Journal</i> , 1980 , 110, 93-105		10
33	Cleavage of benzyloxycarbonyl-5-oxazolidinones to benzyloxycarbonylamino-alkyl esters by alcohols and sodium hydrogen carbonate. <i>Tetrahedron Letters</i> , 2001 , 42, 5319-5321	2	9
32	Simple and selective one-pot replacement of the N-methyl group of tertiary amines by quaternization and demethylation with sodium sulfide or potassium thioacetate: an application to the synthesis of pergolide. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001 , 2398-2403		9
31	Oxidative status in different settings and with different methodological approaches compared by Receiver Operating Characteristic curve analysis. <i>Clinical Biochemistry</i> , 2015 , 48, 73-8	3.5	8
30	Simultaneous free and glycosylated pyridinium crosslink determination in urine: validation of an HPLC-fluorescence method using a deoxypyridinoline homologue as internal standard. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 2764-71	3.2	8
29	Beta-ethoxyacrolein contamination increases malondialdehyde inhibition of milk xanthine oxidase activity. <i>Free Radical Biology and Medicine</i> , 1998 , 25, 818-25	7.8	8
28	Low plasma glutathione levels after reperfused acute myocardial infarction are associated with late cardiac events. <i>Coronary Artery Disease</i> , 2007 , 18, 77-82	1.4	8
27	Mechanisms of action of malondialdehyde and 4-hydroxynonenal on xanthine oxidoreductase. <i>Archives of Biochemistry and Biophysics</i> , 2001 , 389, 195-200	4.1	8
26	Hyperhomocysteinemia in myelodysplastic syndromes: specific association with autoimmunity and cardiovascular disease. <i>Leukemia and Lymphoma</i> , 2001 , 41, 147-50	1.9	8
25	Evaluation of enzyme activities by gas chromatography-mass spectrometry: HMGCoA reductase and cholesterol 7 alpha-hydroxylase. <i>Journal of Chromatography A</i> , 1984 , 289, 267-76	4.5	8
24	Aminothiols redox alterations in patients with chronic heart failure of ischaemic or non-ischaemic origin. <i>Journal of Cardiovascular Medicine</i> , 2007 , 8, 1024-8	1.9	7
23	Pre-operative redox state affects 1-month survival in patients with advanced heart failure undergoing left ventricular assist device implantation. <i>Journal of Heart and Lung Transplantation</i> , 2007 , 26, 1177-81	5.8	7

22	Methionine challenge paradoxically induces a greater activation of the antioxidant defence in subjects with hyper- vs. normohomocysteinemia. <i>Free Radical Research</i> , 2006 , 40, 929-35	4	7
21	HMGCoA reductase and cholesterol 7 alpha-hydroxylase in human liver. <i>Life Sciences</i> , 1984 , 34, 2075-81	6.8	7
20	An encapsulated juice powder concentrate improves markers of pulmonary function and cardiovascular risk factors in heavy smokers. <i>Journal of the American College of Nutrition</i> , 2013 , 32, 18-25	3.5	6
19	Lack of conversion of xanthine dehydrogenase to xanthine oxidase during warm renal ischemia. <i>FEBS Letters</i> , 1990 , 274, 82-4	3.8	6
18	Effects of compactin (ML-236 B) on biliary lipid composition and cholesterol catabolism in the hamster. <i>Pharmacological Research Communications</i> , 1982 , 14, 577-92		6
17	Use of methyl malondialdehyde as an internal standard for malondialdehyde detection: validation by isotope-dilution gas chromatography-mass spectrometry. <i>Clinical Chemistry</i> , 2002 , 48, 2266-9	5.5	6
16	No documentable role for xanthine oxidase in the pathogenesis of hepatic in vivo ischaemia/reperfusion injury. <i>Pharmacological Research</i> , 1994 , 30, 243-51	10.2	5
15	Evidence for a different metabolic behaviour of cytidine diphosphate choline after oral and intravenous administration to rats. <i>Pharmacological Research Communications</i> , 1985 , 17, 805-29		5
14	Inversion of the unnatural cis C/D sterol ring junction of 5alpha, 14beta-cholest-7en-3beta-ol by rat-liver enzymes. <i>FEBS Journal</i> , 1977 , 73, 1-6		5
13	Effects of alpha-lipoic acid administration on plasma glucose levels, total malondialdehyde values and withdrawal signs in rats treated with morphine or morphine plus naloxone. <i>Arzneimittelforschung</i> , 2009 , 59, 72-8		4
12	beta-Oxidative cleavage of octanoyl- and dodecanoyl-CoA in rat liver cytoplasm. <i>Lipids</i> , 1976 , 11, 235-40	1.6	4
11	Morphine or its withdrawal affects plasma malondialdehyde, vitamin E levels and absence or presence of abstinence signs in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 61, 487-491	4.8	3
10	Chirality of 3-hydroxyoctadecanoic acid from stearoyl-CoA by rat liver soluble enzymes. <i>Bioorganic Chemistry</i> , 1975 , 4, 64-71	5.1	3
9	Synthesis of cholestanes containing an oxygenated 14alpha-methyl group. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1977 , 700-2		3
8	Reactions of steroidal 8beta and 8alpha-epoxy-7-ketones with acetic acid. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1977 , 427-429		3
7	Assay of mevalonate in plasma. <i>Biological Mass Spectrometry</i> , 1991 , 20, 40		2
6	The preparation of long chain-hydroxyacyl thiol esters: 3-hydroxyoctadecanoyl-CoA. <i>Chemistry and Physics of Lipids</i> , 1978 , 22, 121-124	3.7	2
5	Esterification, lipoprotein binding and excretion of the 14beta-stereoisomer of cholesterol. <i>The Journal of Steroid Biochemistry</i> , 1978 , 9, 127-30		1

- 4 Xanthine oxidase activity: simultaneous HPLC evaluation of the "D" and "O" forms. *Biochemistry International*, **1989**, 18, 1211-20 1
- 3 Morphine or its withdrawal affects plasma malondialdehyde, vitamin E levels and absence or presence of abstinence signs in rats. *Journal of Pharmacy and Pharmacology*, **2009**, 61, 487-91 4.8 1
- 2 Effects of Pantethine on Lipid Metabolism in Isolated Rat Hepatocytes. *Proceedings in Life Sciences*, **1987**, 421-425
- 1 Effects of Inhibitors of Cholesterol Biosynthesis in Isolated Rat Hepatocytes **1985**, 205-208