Giuliana Cighetti

List of Publications by Year
in descending order

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75 papers	1,721 citations	304602 22 h-index	302012 39 g-index
82 all docs	82 docs citations	82 times ranked	2250 citing authors

#	Article	IF	Citations
1	Disposition of metformin (N,Nâ€dimethylbiguanide) in man. Clinical Pharmacology and Therapeutics, 1978, 24, 683-693.	2.3	192
2	Oxidative Stress and Homocysteine in Coronary Artery Disease. Clinical Chemistry, 2001, 47, 887-892.	1.5	138
3	Oxidative status and malondialdehyde in Î²-thalassaemia patients. European Journal of Clinical Investigation, 2002, 32, 55-60.	1.7	115
4	Free and Total Malondialdehyde Assessment in Biological Matrices by Gas Chromatographyâ€“Mass Spectrometry: What Is Needed for an Accurate Detection. Analytical Biochemistry, 1999, 266, 222-229.	1.1	96
5	Effect of local hyperthermia of the bladder on mitomycin C pharmacokinetics during intravesical chemotherapy for the treatment of superficial transitional cell carcinoma. British Journal of Clinical Pharmacology, 2001, 52, 273-278.	1.1	73
6	Proteomics Reveals Novel Oxidative and Glycolytic Mechanisms in Type 1 Diabetic Patients' Skin Which Are Normalized by Kidney-Pancreas Transplantation. PLoS ONE, 2010, 5, e9923.	1.1	60
7	Age- and gender-related oxidative status determined in healthy subjects by means of OXY-SCORE, a potential new comprehensive index. Biomarkers, 2006, 11, 562-573.	0.9	59
8	Isoprostanes and Oxidative Stress in Off-Pump and On-Pump Coronary Bypass Surgery. Annals of Thoracic Surgery, 2006, 81, 562-567.	0.7	58
9	Free and total plasma malondialdehyde in chronic renal insufficiency and in dialysis patients. Nephrology Dialysis Transplantation, 2009, 24, 2524-2529.	0.4	44
10	Determination of asymmetric and symmetric dimethylarginines in plasma of hyperhomocysteinemic subjects. Amino Acids, 2005, 28, 389-394.	1.2	41
11	Blood glutathione as independent marker of lipid peroxidation in heart failure. International Journal of Cardiology, 2007, 117, 45-50.	0.8	34
12	Glutathione, vitamin E and oxidative stress in coronary artery disease: relevance of age and gender. European Journal of Clinical Investigation, 2009, 39, 267-272.	1.7	34
13	Synthesis of carminic acid, the colourant principle of cochineal. Journal of the Chemical Society Perkin Transactions 1, 1998, , 575-582.	0.9	33
14	Evaluation of 3-hydroxy-3-methylglutaryl-CoA reductase activity by multiple-selected ion monitoring. Analytical Biochemistry, 1981, 110, 153-158.	1.1	29
15	Use of Methyl Malondialdehyde as an Internal Standard for Malondialdehyde Detection: Validation by Isotope-Dilution Gas Chromatographyâ€“Mass Spectrometry. Clinical Chemistry, 2002, 48, 2266-2269.	1.5	28
16	Anesthetic Propofol Enhances Plasma Î³-Tocopherol Levels in Patients Undergoing Cardiac Surgery. Anesthesiology, 2008, 108, 988-997.	1.3	28
17	Creatinine determination in serum by capillary electrophoresis. Electrophoresis, 2004, 25, 463-468.	1.3	25
18	A Simple Model for Studies on the Regulation of Cholesterol Synthesis Using Freshly Isolated Hepatocytes. FEBS Journal, 1983, 133, 573-578.	0.2	23

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19	Modulation of HMG-CoA reductase activity by pantetheine/pantethine. Lipids and Lipid Metabolism, 1988, 963, 389-393.	2.6	23
20	Measurement of mevalonate in human plasma and urine by multiple selected ion monitoring. Biomedical & Environmental Mass Spectrometry, 1989, 18, 174-176.	1.6	23
21	Effect of glutathione depletion on the conversion of xanthine dehydrogenase to oxidase in rat liver. Biochemical Pharmacology, 1993, 45, 2359-2361.	2.0	22
22	Glutamate-cysteine ligase polymorphism, hypertension, and male sex are associated with cardiovascular events. Biochemical and genetic characterization of Italian subpopulation. American Heart Journal, 2007, 154, 1123-1129.	1.2	22
23	Plasma Total Cysteine and Cardiovascular Risk Burden: Action and Interaction. Scientific World Journal, The, 2012, 2012, 1-7.	0.8	22
24	Increased free malondialdehyde concentrations in smokers normalise with a mixed fruit and vegetable juice concentrate: a pilot study. Clinical Chemistry and Laboratory Medicine, 2006, 44, 391-5.	1.4	21
25	The effect of cholestyramine on liver HMG-CoA reductase and cholesterol 7Î±-hydroxylase in various laboratory animals. Life Sciences, 1983, 33, 2483-2488.	2.0	19
26	Development of a multianalyte method for the determination of anabolic hormones in bovine urine by isotope-dilution GCâ€“MS/MS. Analytical and Bioanalytical Chemistry, 2006, 386, 1869-1879.	1.9	19
27	Evaluation of Oxidative Stress in Serum of Critically Ill Patients by a Commercial Assay and Gas Chromatographyâ€“Mass Spectrometry. Clinical Chemistry, 2005, 51, 1515-1517.	1.5	18
28	Effects of Encapsulated Fruit and Vegetable Juice Powder Concentrates on Oxidative Status in Heavy Smokers. Journal of the American College of Nutrition, 2011, 30, 49-56.	1.1	18
29	Pantethine inhibits cholesterol and fatty acid syntheses and stimulates carbon dioxide formation in isolated rat hepatocytes.. Journal of Lipid Research, 1987, 28, 152-161.	2.0	18
30	Pantethine inhibits cholesterol and fatty acid syntheses and stimulates carbon dioxide formation in isolated rat hepatocytes. Journal of Lipid Research, 1987, 28, 152-61.	2.0	17
31	Effect of Homocysteine Lowering by 5-Methyltetrahydrofolate on Redox Status in Hyperhomocysteinemia. Journal of Cardiovascular Pharmacology, 2006, 47, 549-555.	0.8	16
32	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
33	Plasma malondialdehyde levels and opiate withdrawal signs observed in rats treated with morphine plus naloxone: effects of Î±â€lipoic acid administration. Fundamental and Clinical Pharmacology, 2008, 22, 439-445.	1.0	15
34	Determination of diclofenac in human plasma by selected ion monitoring. Biological Mass Spectrometry, 1991, 20, 426-430.	0.5	14
35	pH sensitivity and plasma stability of liposomes containing N-stearoylcysteamine. Biochimica Et Biophysica Acta - Biomembranes, 1997, 1329, 291-301.	1.4	14
36	Validation of methyl malondialdehyde as internal standard for malondialdehyde detection by capillary electrophoresis. Analytical Biochemistry, 2002, 307, 92-98.	1.1	14

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37	Plasma glutathione levels are independently associated withÎ³-glutamyltransferase activity in subjects with cardiovascular risk factors. Free Radical Research, 2008, 42, 135-141.	1.5	14
38	Inhibition of in vitro lipid peroxidation by stable steroidic nitroxyl radicals. Chemistry and Physics of Lipids, 1997, 88, 97-106.	1.5	13
39	3-hydroxy-3-methylglutaric acid (HMGA) reduces dietary cholesterol induction of saturated bile in hamster. Life Sciences, 1982, 30, 1907-1914.	2.0	12
40	Effects of pantethine on cholesterol synthesis from mevalonate in isolated rat hepatocytes. Atherosclerosis, 1986, 60, 67-77.	0.4	12
41	Lipophilic Î²-adrenoceptor antagonists stimulate cholesterol biosynthesis in human skin fibroblasts. Biochemical Pharmacology, 1987, 36, 1901-1906.	2.0	12
42	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. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 2398-2403.	1.3	12
43	Cleavage of benzyloxycarbonyl-5-oxazolidinones to Î±-benzyloxycarbonylamino-Î±-alkyl esters by alcohols and sodium hydrogen carbonate. Tetrahedron Letters, 2001, 42, 5319-5321.	0.7	12
44	Low plasma glutathione levels after reperfused acute myocardial infarction are associated with late cardiac events. Coronary Artery Disease, 2007, 18, 77-82.	0.3	11
45	Pre-operative Redox State Affects 1-Month Survival in Patients With Advanced Heart Failure Undergoing Left Ventricular Assist Device Implantation. Journal of Heart and Lung Transplantation, 2007, 26, 1177-1181.	0.3	11
46	Studies on the 14alpha-Demethylation Mechanism in Cholesterol Biosynthesis. FEBS Journal, 1980, 110, 93-105.	0.2	10
47	Evaluation of enzyme activities by gas chromatography-mass spectrometry: HMGCoA reductase and cholesterol 7Î±-hydroxylase. Journal of Chromatography A, 1984, 289, 267-276.	1.8	10
48	Mechanisms of Action of Malondialdehyde and 4-Hydroxynonenal on Xanthine Oxidoreductase. Archives of Biochemistry and Biophysics, 2001, 389, 195-200.	1.4	10
49	Simultaneous free and glycosylated pyridinium crosslink determination in urine: Validation of an HPLC-fluorescence method using a deoxypyridinoline homologue as internal standard. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2764-2771.	1.2	10
50	Hyperhomocysteinemia in Myelodysplastic Syndromes: Specific Association with Autoimmunity and Cardiovascular Disease. Leukemia and Lymphoma, 2001, 41, 147-150.	0.6	9
51	Oxidative status in different settings and with different methodological approaches compared by Receiver Operating Characteristic curve analysis. Clinical Biochemistry, 2015, 48, 73-78.	0.8	9
52	Use of methyl malondialdehyde as an internal standard for malondialdehyde detection: validation by isotope-dilution gas chromatography-mass spectrometry. Clinical Chemistry, 2002, 48, 2266-9.	1.5	9
53	HMGCoA reductase and cholesterol 7Î±-hydroxylase in human liver. Life Sciences, 1984, 34, 2075-2081.	2.0	8
54	Lack of conversion of xanthine dehydrogenase to xanthine oxidase during warm renal ischemia. FEBS Letters, 1990, 274, 82-84.	1.3	8

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55	Î²-ethoxyacrolein contamination increases malondialdehyde inhibition of milk xanthine oxidase activity. Free Radical Biology and Medicine, 1998, 25, 818-825.	1.3	8
56	Effects of compactin (ML-236 B) on biliary lipid composition and cholesterol catabolism in the hamster. Pharmacological Research Communications, 1982, 14, 577-592.	0.2	7
57	Evidence for a different metabolic behaviour of cytidine diphosphate choline after oral and intravenous administration to rats. Pharmacological Research Communications, 1985, 17, 805-829.	0.2	7
58	Methionine challenge paradoxically induces a greater activation of the antioxidant defence in subjects with hyper- vs. normohomocysteinemia. Free Radical Research, 2006, 40, 929-935.	1.5	7
59	Aminothiol redox alterations in patients with chronic heart failure of ischaemic or non-ischaemic origin. Journal of Cardiovascular Medicine, 2007, 8, 1024-1028.	0.6	7
60	No documentable role for xanthine oxidase in the pathogenesis of hepatic in vivo ischaemia/reperfusion injury. Pharmacological Research, 1994, 30, 243-251.	3.1	6
61	An Encapsulated Juice Powder Concentrate Improves Markers of Pulmonary Function and Cardiovascular Risk Factors in Heavy Smokers. Journal of the American College of Nutrition, 2013, 32, 18-25.	1.1	6
62	Î²-Oxidative cleavage of octanoyl-and dodecanoyl-CoA in rat liver cytoplasm. Lipids, 1976, 11, 235-240.	0.7	5
63	Inversion of the Unnatural cis C/D Sterol Ring Junction of 5alpha, 14beta-Cholest-7-en-3beta-ol by Rat-Liver Enzymes. FEBS Journal, 1977, 73, 1-6.	0.2	5
64	Effects of Î±-Lipoic Acid Administration on Plasma Glucose Levels, Total Malondialdehyde Values and Withdrawal Signs in Rats Treated with Morphine or Morphine plus Naloxone. Arzneimittelforschung, 2009, 59, 72-78.	0.5	5
65	Synthesis of cholestanes containing an oxygenated 14Î±-methyl group. Journal of the Chemical Society Perkin Transactions 1, 1977, , 700-702.	0.9	4
66	Reactions of steroidal 8Î±,9Î±- and 8Î±,14Î±-epoxy-7-ketones with acetic acid. Journal of the Chemical Society Perkin Transactions 1, 1977, , 427-429.	0.9	4
67	Morphine or its withdrawal affects plasma malondialdehyde, vitamin E levels and absence or presence of abstinence signs in rats. Journal of Pharmacy and Pharmacology, 2010, 61, 487-491.	1.2	4
68	Chirality of 3-hydroxyoctadecanoic acid from stearoyl-CoA by rat liver soluble enzymes. Bioorganic Chemistry, 1975, 4, 64-71.	2.0	3
69	The preparation of long chain-hydroxyacyl thiol esters: 3-hydroxyoctadecanoyl-CoA. Chemistry and Physics of Lipids, 1978, 22, 121-124.	1.5	2
70	Letter to the editors. Biological Mass Spectrometry, 1991, 20, 40-40.	0.5	2
71	Esterification, lipoprotein binding and excretion of the 14Î²-stereoisomer of cholesterol. The Journal of Steroid Biochemistry, 1978, 9, 127-130.	1.3	1
72	Xanthine oxidase activity: simultaneous HPLC evaluation of the "D" and "O" forms. Biochemistry International, 1989, 18, 1211-20.	0.2	1

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73	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, 487-491.	1.2	1
74	Effects of Inhibitors of Cholesterol Biosynthesis in Isolated Rat Hepatocytes. , 1985, , 205-208.		0
75	Effects of Pantethine on Lipid Metabolism in Isolated Rat Hepatocytes. Proceedings in Life Sciences, 1987, , 421-425.	0.5	0