

Gualtiero Pelosi

List of Publications by Year in descending order

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49
papers

1,152
citations

516710

16
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo quantitative ultrasonic evaluation of myocardial fibrosis in humans.. Circulation, 1990, 81, 58-64.	1.6	224
2	Myocardial Blood Flow Response to Pacing Tachycardia and to Dipyridamole Infusion in Patients With Dilated Cardiomyopathy Without Overt Heart Failure. Circulation, 1995, 92, 796-804.	1.6	184
3	In vivo radiofrequency-based ultrasonic tissue characterization of the atherosclerotic plaque.. Stroke, 1993, 24, 1507-1512.	2.0	100
4	Magnetically driven drug delivery systems improving targeted immunotherapy for colon-rectal cancer. Journal of Controlled Release, 2018, 280, 76-86.	9.9	47
5	Opposite transmural gradients of coronary resistance and extravascular pressure in the working dog's heart. Cardiovascular Research, 1980, 14, 21-29.	3.8	45
6	Glutathione depletion increases chemiluminescence emission and lipid peroxidation in the heart. Biochimica Et Biophysica Acta - Molecular Cell Research, 1984, 804, 356-360.	4.1	44
7	Myocardial vitamin E is consumed during cardiopulmonary bypass: indirect evidence of free radical generation in human ischemic heart. International Journal of Cardiology, 1992, 37, 339-343.	1.7	43
8	Correlation between hydroperoxide-induced chemiluminescence of the heart and its function. Biochimica Et Biophysica Acta - Molecular Cell Research, 1983, 762, 241-247.	4.1	40
9	Increased ultra weak chemiluminescence emission from rat heart at postischemic reoxygenation: protective role of vitamin E. Free Radical Biology and Medicine, 1989, 6, 573-579.	2.9	33
10	Impaired sympathetic response before intradialytic hypotension: a study based on spectral analysis of heart rate and pressure variability. Clinical Science, 1999, 96, 23.	4.3	31
11	¹¹¹ In Platelet Scintigraphy for the Noninvasive Detection of Carotid Plaque Thrombosis. Stroke, 2001, 32, 719-727.	2.0	27
12	Secreted proteins from carotid endarterectomy: an untargeted approach to disclose molecular clues of plaque progression. Journal of Translational Medicine, 2013, 11, 260.	4.4	27
13	Novel Epigenetic Target Therapy for Prostate Cancer: A Preclinical Study. PLoS ONE, 2014, 9, e98101.	2.5	25
14	Up-regulation of heme oxygenase-1 after infarct initiation reduces mortality, infarct size and left ventricular remodeling: experimental evidence and proof of concept. Journal of Translational Medicine, 2014, 12, 89.	4.4	21
15	Time-dependent response of coronary flow to prolonged adenosine infusion: doubling of peak reactive hyperaemic flow. Cardiovascular Research, 1981, 15, 282-286.	3.8	17
16	Regional myocardial glucose utilization assessed by (14C) deoxyglucose. Basic Research in Cardiology, 1981, 76, 394-398.	5.9	17
17	Small artery occlusion: A theoretical approach to the definition of coronary architecture and resistance by a branching tree model. Microvascular Research, 1987, 34, 318-335.	2.5	16
18	Oxidative stress in the rat heart, studies on low-level chemiluminescence. Luminescence, 1989, 4, 241-244.	0.0	16

#	ARTICLE	IF	CITATIONS
19	Effect of dietary fats on hydroperoxide-induced chemiluminescence emission and eicosanoid release in the rat heart. <i>Lipids and Lipid Metabolism</i> , 1987, 919, 93-96.	2.6	15
20	Release of Contracting Autacoids by Aortae of Normal and Atherosclerotic Rabbits. <i>Journal of Cardiovascular Pharmacology</i> , 1992, 20, S208-S210.	1.9	15
21	Gas embolization of the liver in a rat model of rapid decompression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R673-R682.	1.8	13
22	Modulation of cytochrome P450 enzymes in response to continuous or intermittent high-fat diet in pigs. <i>Xenobiotica</i> , 2013, 43, 686-698.	1.1	12
23	Different respiratory activities of mitochondria isolated from the subendocardium and subepicardium of the canine heart. <i>Basic Research in Cardiology</i> , 1984, 79, 454-460.	5.9	11
24	A Pathophysiological Overview of Dialysis Hypotension. <i>Contributions To Nephrology</i> , 1996, 119, 182-188.	1.1	11
25	Computer simulation of three-dimensional plaque formation and progression in the coronary artery. <i>Computers and Fluids</i> , 2013, 88, 826-833.	2.5	11
26	Characterization of myocardial tissue in patients undergoing maintenance hemodialysis by quantitative echocardiography. <i>Journal of the American Society of Echocardiography</i> , 1996, 9, 480-487.	2.8	10
27	Effect of Dilazep on Coronary and Systemic Circulations. <i>Pharmacology</i> , 1985, 31, 82-87.	2.2	9
28	In vivo identification of mitral valve fibrosis and calcium by real-time quantitative ultrasonic analysis. <i>American Journal of Cardiology</i> , 1990, 65, 355-359.	1.6	9
29	Site-Specific Secretome Map Evidences VSMC-Related Markers of Coronary Atherosclerosis Grade and Extent in the Hypercholesterolemic Swine. <i>Disease Markers</i> , 2015, 2015, 1-12.	1.3	9
30	Blood Monocyte Phenotype Fingerprint of Stable Coronary Artery Disease: A Cross-Sectional Substudy of SMARTool Clinical Trial. <i>BioMed Research International</i> , 2020, 2020, 1-11.	1.9	9
31	High density of endothelin binding sites in the hearts of infants and children. <i>Life Sciences</i> , 1999, 64, 697-705.	4.3	8
32	Inflammation blood and tissue factors of plaque growth in an experimental model evidenced by a systems approach. <i>Frontiers in Genetics</i> , 2014, 5, 70.	2.3	7
33	Quantitative micro-CT based coronary artery profiling using interactive local thresholding and cylindrical coordinates. <i>Technology and Health Care</i> , 2015, 23, 557-570.	1.2	7
34	A specific plasma lipid signature associated with high triglycerides and low HDL cholesterol identifies residual CAD risk in patients with chronic coronary syndrome. <i>Atherosclerosis</i> , 2021, 339, 1-11.	0.8	7
35	Modulation of lipid homeostasis in response to continuous or intermittent high-fat diet in pigs. <i>Animal</i> , 2015, 9, 1000-1007.	3.3	6
36	Iloprost in Prinzmetal's angina. <i>American Journal of Cardiology</i> , 1986, 58, 553-554.	1.6	4

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37	Persistence of subendocardial perfusion after subtotal coronary embolisation. Cardiovascular Research, 1988, 22, 113-121.	3.8	4
38	Regional myocardial deoxyglucose uptake following electrical stimulation of canine efferent sympathetic cardiopulmonary nerves. Cardiovascular Research, 1992, 26, 330-336.	3.8	4
39	Transmural redistribution of coronary resistance during embolization: A clue to intramyocardial small artery architecture. Microvascular Research, 1990, 39, 322-340.	2.5	3
40	Myocardial interleukin-6 in the setting of left ventricular mechanical assistance: relation with outcome and C-reactive protein. Clinical Chemistry and Laboratory Medicine, 2015, 53, 1359-66.	2.3	3
41	Transmural mitochondrial oxidation activities in the dog heart. Journal of Molecular and Cellular Cardiology, 1981, 13, 13.	1.9	2
42	Computerized methodology for micro-CT and histological data inflation using an IVUS based translation map. Computers in Biology and Medicine, 2015, 65, 168-176.	7.0	2
43	Blood M2-like Monocyte Polarization Is Associated with Calcific Plaque Phenotype in Stable Coronary Artery Disease: A Sub-Study of SMARTool Clinical Trial. Biomedicines, 2022, 10, 565.	3.2	2
44	Studies on the Mechanisms Underlying the Myocardial Texture Changes in Uremics. Contributions To Nephrology, 1996, 119, 197-201.	1.1	1
45	Silencing Survivin: a Key Therapeutic Strategy for Cardiac Hypertrophy. Journal of Cardiovascular Translational Research, 2021, , 1.	2.4	1
46	Coronary Plaques. , 2012, , 47-57.		0
47	Methodology for micro-CT data inflation using intravascular ultrasound images. , 2014, 2014, 1099-102.		0
48	Oxidative Stress in the Myocardium: Relationship with Eicosanoid Biosynthesis and Tissue Damage. , 1988, , 91-104.		0
49	Influence of selective autonomic decentralization on myocardial deoxyglucose uptake initiated by cardio-cardiac reflexes. Basic Research in Cardiology, 1992, 87, 503-510.	5.9	0