

Elena Grossini

List of Publications by Year in descending order

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103
papers

5,952
citations

201674

27
h-index

85541

71
g-index

106
all docs

106
docs citations

106
times ranked

11012
citing authors

#	ARTICLE	IF	CITATIONS
1	Alpha-Tocopherol Protects Human Dermal Fibroblasts by Modulating Nitric Oxide Release, Mitochondrial Function, Redox Status, and Inflammation. <i>Skin Pharmacology and Physiology</i> , 2022, 35, 1-12.	2.5	7
2	Oxidative Stress in Non-Alcoholic Fatty Liver Disease. <i>Livers</i> , 2022, 2, 30-76.	1.9	21
3	The adenylylase activator forskolin potentiates the positive inotropic effect of the phosphodiesterase inhibitor milrinone but not of the calcium sensitizer levosimendan nor of its hemodynamically active metabolites. <i>Journal of Cardiovascular Pharmacology</i> , 2022, Publish Ahead of Print.	1.9	0
4	The Potential Role of Peripheral Oxidative Stress on the Neurovascular Unit in Amyotrophic Lateral Sclerosis Pathogenesis: A Preliminary Report from Human and In Vitro Evaluations. <i>Biomedicines</i> , 2022, 10, 691.	3.2	8
5	Stem Cell-Derived Extracellular Vesicles as Potential Therapeutic Approach for Acute Kidney Injury. <i>Frontiers in Immunology</i> , 2022, 13, 849891.	4.8	9
6	Antiaging effects of natural agents in the skin: Focus on mitochondria. , 2021, , 557-575.		0
7	Citrate high volume on-line hemodiafiltration modulates serum Interleukin-6 and Klotho levels: the multicenter randomized controlled study "Hephaestus". <i>Journal of Nephrology</i> , 2021, 34, 1701-1710.	2.0	12
8	An update on levosimendan in acute cardiac care: applications and recommendations for optimal efficacy and safety. <i>Expert Review of Cardiovascular Therapy</i> , 2021, 19, 325-335.	1.5	14
9	Psychotherapy with Music Intervention Improves Anxiety, Depression and the Redox Status in Breast Cancer Patients Undergoing Radiotherapy: A Randomized Controlled Clinical Trial. <i>Cancers</i> , 2021, 13, 1752.	3.7	16
10	Oxidative and Nitrosative Stress in Age-Related Macular Degeneration: A Review of Their Role in Different Stages of Disease. <i>Antioxidants</i> , 2021, 10, 653.	5.1	34
11	Non-pharmacological Approaches to Depressed Elderly With No or Mild Cognitive Impairment in Long-Term Care Facilities. A Systematic Review of the Literature. <i>Frontiers in Public Health</i> , 2021, 9, 685860.	2.7	12
12	Exposure to Plasma From Non-alcoholic Fatty Liver Disease Patients Affects Hepatocyte Viability, Generates Mitochondrial Dysfunction, and Modulates Pathways Involved in Fat Accumulation and Inflammation. <i>Frontiers in Medicine</i> , 2021, 8, 693997.	2.6	11
13	Processing Adipose Tissue to Make it More Stable When Used for Refilling: A Morphologic and Immunohistochemistry Evaluation. <i>Inquiry (United States)</i> , 2021, 58, 004695802110610.	0.9	0
14	Association Between Plasma Redox State/Mitochondria Function and a Flu-Like Syndrome/COVID-19 in the Elderly Admitted to a Long-Term Care Unit. <i>Frontiers in Physiology</i> , 2021, 12, 707587.	2.8	16
15	Periostin Circulating Levels and Genetic Variants in Patients with Non-Alcoholic Fatty Liver Disease. <i>Diagnostics</i> , 2020, 10, 1003.	2.6	0
16	Proteomic analysis links alterations of bioenergetics, mitochondria-ER interactions and proteostasis in hippocampal astrocytes from 3xTg-AD mice. <i>Cell Death and Disease</i> , 2020, 11, 645.	6.3	48
17	Levosimendan Improves Oxidative Balance in Cardiogenic Shock/Low Cardiac Output Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 373.	2.4	13
18	Aflibercept and Ranibizumab Modulate Retinal Pigment Epithelial Cells Function by Acting on Their Cross Talk with Vascular Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 161-179.	1.6	12

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19	Genistein and 17 β -Estradiol Protect Hepatocytes from Fatty Degeneration by Mechanisms Involving Mitochondria, Inflammasome and Kinases Activation. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 401-416.	1.6	26
20	The inodilator levosimendan: 20 years of experience in various settings of cardiac care. <i>Medical Research Journal</i> , 2020, 5, 271-280.	0.2	0
21	FP092SERUM LEVELS OF EXTRACELLULAR VESICLES (EVS) CORRELATE WITH PREECLAMPSIA (PE) SEVERITY AND MEDIATE ENDOTHELIAL CELL AND PODOCYTE DAMAGE. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.7	0
22	Manufacture of a Multi-Purpose Low-Cost Animal Bench-Model for Teaching Tracheostomy. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	2
23	Preeclampsia and intrauterine growth restriction: Role of human umbilical cord mesenchymal stem cells-trophoblast cross-talk. <i>PLoS ONE</i> , 2019, 14, e0218437.	2.5	21
24	The Impact of a New ∞ Inverted Arch ∞ Prosthetic Annuloplasty Ring on the Mitral Valve ∞ s 3-D Motion: An Experimental Ex-Vivo Study. <i>Bioengineering</i> , 2019, 6, 31.	3.5	0
25	Outcomes of music therapy interventions in cancer patients ∞ A review of the literature. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 138, 241-254.	4.4	108
26	The subthreshold micropulse laser treatment of the retina restores the oxidant/antioxidant balance and counteracts programmed forms of cell death in the mice eyes. <i>Acta Ophthalmologica</i> , 2019, 97, e559-e567.	1.1	22
27	Genistein improves viability, proliferation and mitochondrial function of cardiomyoblasts cultured in physiologic and peroxidative conditions. <i>International Journal of Molecular Medicine</i> , 2019, 44, 2298-2310.	4.0	18
28	Aquaporin Membrane Channels in Oxidative Stress, Cell Signaling, and Aging: Recent Advances and Research Trends. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	4.0	74
29	Anti-oxidative effects of 17 β -estradiol and genistein in human skin fibroblasts and keratinocytes. <i>Journal of Dermatological Science</i> , 2018, 92, 62-77.	1.9	34
30	Effects of Genistein on Differentiation and Viability of Human Visceral Adipocytes. <i>Nutrients</i> , 2018, 10, 978.	4.1	26
31	Aquaporins as Targets of Dietary Bioactive Phytochemicals. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 30.	3.5	36
32	Coronary flow reserve/diastolic function relationship in angina-suffering patients with normal coronary angiography. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 325-331.	1.5	5
33	Insulin resistance, serum uric acid and metabolic syndrome are linked to cardiovascular dysfunction in pediatric obesity. <i>International Journal of Cardiology</i> , 2017, 249, 366-371.	1.7	31
34	Modulation of Oxidative Stress by 17 β -Estradiol and Genistein in Human Hepatic Cell Lines In Vitro. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1051-1062.	1.6	32
35	Anti-Vascular Endothelial Growth Factors Protect Retinal Pigment Epithelium Cells Against Oxidation by Modulating Nitric Oxide Release and Autophagy. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1725-1738.	1.6	3,443
36	17 β -Estradiol inhibits hepatitis C virus mainly by interference with the release phase of its life cycle. <i>Liver International</i> , 2017, 37, 669-677.	3.9	29

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37	Intracoronary Des-Acyl Ghrelin Acutely Increases Cardiac Perfusion Through a Nitric Oxide-Related Mechanism in Female Anesthetized Pigs. <i>Endocrinology</i> , 2016, 157, 2403-2415.	2.8	13
38	Monomeric adiponectin increases cell viability in porcine aortic endothelial cells cultured in normal and high glucose conditions: Data on kinases activation. <i>Data in Brief</i> , 2016, 8, 1381-1386.	1.0	2
39	Levosimendan beyond inotropy and acute heart failure: Evidence of pleiotropic effects on the heart and other organs: An expert panel position paper. <i>International Journal of Cardiology</i> , 2016, 222, 303-312.	1.7	103
40	Monomeric adiponectin modulates nitric oxide release and calcium movements in porcine aortic endothelial cells in normal/high glucose conditions. <i>Life Sciences</i> , 2016, 161, 1-9.	4.3	12
41	Asenapine modulates nitric oxide release and calcium movements in cardiomyoblasts. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2016, 7, 6-14.	0.4	6
42	Effects of Artemetin on Nitric Oxide Release and Protection against Peroxidative Injuries in Porcine Coronary Artery Endothelial Cells. <i>Phytotherapy Research</i> , 2015, 29, 1339-1348.	5.8	20
43	Levosimendan Inhibits Peroxidation in Hepatocytes by Modulating Apoptosis/Autophagy Interplay. <i>PLoS ONE</i> , 2015, 10, e0124742.	2.5	26
44	Abnormal postural reflexes in a patient with pontine ischaemia. <i>BMJ Case Reports</i> , 2015, 2015, bcr2015210616-bcr2015210616.	0.5	0
45	Human Chorionic Gonadotropin Protects Vascular Endothelial Cells from Oxidative Stress by Apoptosis Inhibition, Cell Survival Signalling Activation and Mitochondrial Function Protection. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 2108-2120.	1.6	31
46	Effect of monomeric adiponectin on cardiac function and perfusion in anesthetized pig. <i>Journal of Endocrinology</i> , 2014, 222, 137-149.	2.6	12
47	Protective effects elicited by levosimendan against liver ischemia/reperfusion injury in anesthetized rats. <i>Liver Transplantation</i> , 2014, 20, 361-375.	2.4	48
48	Asenapine increases nitric oxide release and protects porcine coronary artery endothelial cells against peroxidation. <i>Vascular Pharmacology</i> , 2014, 60, 127-141.	2.1	23
49	Asenapine in clinical practice: preliminary results from a naturalistic observational study. <i>Rivista Di Psichiatria</i> , 2014, 49, 241-6.	0.6	3
50	Different Expression and Function of the Endocannabinoid System in Human Epicardial Adipose Tissue in Relation to Heart Disease. <i>Canadian Journal of Cardiology</i> , 2013, 29, 499-509.	1.7	24
51	Renal Effects of Levosimendan: A Consensus Report. <i>Cardiovascular Drugs and Therapy</i> , 2013, 27, 581-590.	2.6	65
52	In anesthetized pigs human chorionic gonadotropin increases myocardial perfusion and function through a β_2 -adrenergic-related pathway and nitric oxide. <i>Journal of Applied Physiology</i> , 2013, 115, 422-435.	2.5	7
53	Calcium handling in porcine coronary endothelial cells by gastrin-17. <i>Journal of Molecular Endocrinology</i> , 2013, 50, 243-253.	2.5	6
54	Intracoronary secretin increases cardiac perfusion and function in anaesthetized pigs through pathways involving β_2 -adrenoceptors and nitric oxide. <i>Experimental Physiology</i> , 2013, 98, 973-987.	2.0	17

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55	Levosimendan: Molecular mechanisms and clinical implications. <i>International Journal of Cardiology</i> , 2012, 159, 82-87.	1.7	256
56	Levosimendan Protection against Kidney Ischemia/Reperfusion Injuries in Anesthetized Pigs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 376-388.	2.5	71
57	CCK receptors-related signaling involved in nitric oxide production caused by gastrin 17 in porcine coronary endothelial cells. <i>Molecular and Cellular Endocrinology</i> , 2012, 350, 20-30.	3.2	18
58	1 α ,25-Dihydroxycholecalciferol Induces Nitric Oxide Production in Cultured Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2011, 27, 661-668.	1.6	182
59	Intracoronary gastrin 17 increases cardiac perfusion and function through autonomic nervous system, CCK receptors, and nitric oxide in anesthetized pigs. <i>Journal of Applied Physiology</i> , 2011, 110, 95-108.	2.5	17
60	Levosimendan Modulates Programmed Forms of Cell Death Through KATP Channels and Nitric Oxide. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 246-258.	1.9	38
61	Management of Acute Cardiac Failure by Intracoronary Administration of Levosimendan. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 246-253.	1.9	11
62	Intracoronary melatonin increases coronary blood flow and cardiac function through β -adrenoreceptors, MT1/MT2 receptors, and nitric oxide in anesthetized pigs. <i>Journal of Pineal Research</i> , 2011, 51, 246-257.	7.4	25
63	Intracoronary levosimendan prevents myocardial ischemic damages and activates survival signaling through ATP-sensitive potassium channel and nitric oxide. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, e59-e67.	1.4	32
64	Modulation of Programmed Forms of Cell Death by Intracoronary Levosimendan During Regional Myocardial Ischemia in Anesthetized Pigs. <i>Cardiovascular Drugs and Therapy</i> , 2010, 24, 5-15.	2.6	18
65	Double Patch Repair Through a Single Ventriculotomy for Ischemic Ventricular Septal Defects. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1679-1681.	1.3	22
66	Modulation of Calcium Movements by Urocortin II in Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 221-232.	1.6	7
67	Urocortin II Induces Nitric Oxide Production Through cAMP and Ca ²⁺ Related Pathways in Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2009, 23, 087-096.	1.6	26
68	Levosimendan induces NO production through p38 MAPK, ERK and Akt in porcine coronary endothelial cells: role for mitochondrial K _{ATP} channel. <i>British Journal of Pharmacology</i> , 2009, 156, 250-261.	5.4	90
69	Impact of Prosthetic Mitral Rings on Aortomitral Apparatus Function: A Cardiac Magnetic Resonance Imaging Study. <i>Annals of Thoracic Surgery</i> , 2009, 88, 740-744.	1.3	23
70	Intracoronary intermedin 1 α 47 augments cardiac perfusion and function in anesthetized pigs: role of calcitonin receptors and β -adrenoreceptor-mediated nitric oxide release. <i>Journal of Applied Physiology</i> , 2009, 107, 1037-1050.	2.5	29
71	The effect of urocortin II administration on the coronary circulation and cardiac function in the anaesthetized pig is nitric-oxide-dependent. <i>European Journal of Pharmacology</i> , 2008, 578, 242-248.	3.5	28
72	GABAA receptors expression pattern in rat brain following low pressure distension of the stomach. <i>Neuroscience</i> , 2008, 152, 449-458.	2.3	4

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73	Intracoronary Genistein Acutely Increases Coronary Blood Flow in Anesthetized Pigs through \hat{I}^2 -Adrenergic Mediated Nitric Oxide Release and Estrogenic Receptors. <i>Endocrinology</i> , 2008, 149, 2678-2687.	2.8	30
74	Intracoronary Ghrelin Infusion Decreases Coronary Blood Flow in Anesthetized Pigs. <i>Endocrinology</i> , 2007, 148, 806-812.	2.8	25
75	Prolactin Induces Regional Vasoconstriction through the \hat{I}^2 -Adrenergic and Nitric Oxide Mechanisms. <i>Endocrinology</i> , 2007, 148, 4080-4090.	2.8	65
76	Hemodynamic effects of the intracoronary administration of urocortin 2 in the anesthetized pig. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S111.	1.9	0
77	Intracoronary Infusion of Levosimendan to Treat Postpericardiotomy Heart Failure. <i>Annals of Thoracic Surgery</i> , 2006, 82, e33-e34.	1.3	7
78	Cardiovascular effects and c-Fos expression in the rat hindbrain in response to innocuous stomach distension. <i>Brain Research Bulletin</i> , 2006, 69, 140-146.	3.0	13
79	The role of nitric oxide in the peripheral vasoconstriction caused by human placental lactogen in anaesthetized pigs. <i>Experimental Physiology</i> , 2006, 91, 603-610.	2.0	4
80	Human Placental Lactogen Decreases Regional Blood Flow in Anesthetized Pigs. <i>Journal of Vascular Research</i> , 2006, 43, 205-213.	1.4	8
81	Hemodynamic Effect of Intracoronary Administration of Levosimendan in the Anesthetized Pig. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 46, 333-342.	1.9	36
82	Regulation of Ca ²⁺ movements by cyclovirobuxine D in ECV304 endothelial cells. <i>Pharmacological Research</i> , 2005, 52, 154-161.	7.1	11
83	The effects of insulin on mesenteric blood flow in anaesthetized pigs. <i>Experimental Physiology</i> , 2004, 89, 363-371.	2.0	1
84	The effect of dehydroepiandrosterone on regional blood flow in prepubertal anaesthetized pigs. <i>Journal of Physiology</i> , 2004, 557, 307-319.	2.9	13
85	The pattern of c-Fos immunoreactivity in the hindbrain of the rat following stomach distension. <i>Experimental Brain Research</i> , 2004, 157, 315-23.	1.5	29
86	Activation of the Renin-Angiotensin System Contributes to the Peripheral Vasoconstriction Reflexly Caused by Stomach Distension in Anaesthetized Pigs. <i>Experimental Physiology</i> , 2003, 88, 359-367.	2.0	12
87	The Effect of Dehydroepiandrosterone on Coronary Blood Flow in Prepubertal Anaesthetized Pigs. <i>Journal of Physiology</i> , 2003, 549, 937-944.	2.9	11
88	Effects of Insulin on Coronary Blood Flow in Anesthetized Pigs. <i>Journal of Vascular Research</i> , 2002, 39, 504-513.	1.4	10
89	The effect of testosterone on regional blood flow in prepubertal anaesthetized pigs. <i>Journal of Physiology</i> , 2002, 543, 365-372.	2.9	60
90	The role of activation of the renin-angiotensin system on the reflex regional vasoconstriction caused by distension of the uterus in anaesthetized pigs. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001, 93, 56-64.	2.8	1

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91	Mechanisms of the renal vasodilation caused by insulin in anesthetized pigs. Life Sciences, 2001, 69, 1699-1708.	4.3	7
92	The Effect of Progesterone on Coronary Blood Flow in Anaesthetized Pigs. Experimental Physiology, 2001, 86, 101-108.	2.0	22
93	Effect of Progesterone on Peripheral Blood Flow in Prepubertal Female Anesthetized Pigs. Journal of Vascular Research, 2001, 38, 569-577.	1.4	18
94	Effect of Distension of the Gallbladder on Plasma Renin Activity in Anesthetized Pigs. Circulation, 2000, 101, 2539-2545.	1.6	15
95	Coronary effects of cycloviobuxine D in anesthetized pigs and in isolated porcine coronary arteries. Life Sciences, 1999, 65, PL59-PL65.	4.3	12
96	The role of $\hat{1}^2$ -adrenergic vascular receptors in the peripheral vasodilation caused by $17\hat{1}^2$ -estradiol in anesthetized pigs. Life Sciences, 1999, 65, 1545-1552.	4.3	7
97	Haemodynamic effects of the intravenous administration of growth hormone in anaesthetized pigs. Pflugers Archiv European Journal of Physiology, 1998, 436, 159-167.	2.8	10
98	The effect of distension of the uterus on plasma renin activity (PRA) in anaesthetized pigs. Journal of the Autonomic Nervous System, 1998, 73, 163-169.	1.9	1
99	Hemodynamic effects of the intravenous administration of cycloriboxine D in anesthetized pigs. Life Sciences, 1997, 61, PL255-PL261.	4.3	6
100	Reflex haemodynamic responses caused by distension of the uterus in anaesthetized pigs. Journal of the Autonomic Nervous System, 1997, 63, 1-11.	1.9	7
101	Changes in regional blood flow in response to distension of the uterus in anaesthetised pigs. Journal of the Autonomic Nervous System, 1997, 66, 7-14.	1.9	9
102	The effects of combined distension of the stomach and the descending colon on coronary blood flow in anaesthetized pigs. Journal of the Autonomic Nervous System, 1997, 67, 97-104.	1.9	0
103	Reflex Coronary Vasoconstriction Caused by Gallbladder Distension in Anesthetized Pigs. Circulation, 1996, 94, 2201-2209.	1.6	37