

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	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
2	Levosimendan: Molecular mechanisms and clinical implications. <i>International Journal of Cardiology</i> , 2012, 159, 82-87.	1.7	256
3	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
4	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
5	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
6	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
7	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
8	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
9	Prolactin Induces Regional Vasoconstriction through the β ² -Adrenergic and Nitric Oxide Mechanisms. <i>Endocrinology</i> , 2007, 148, 4080-4090.	2.8	65
10	Renal Effects of Levosimendan: A Consensus Report. <i>Cardiovascular Drugs and Therapy</i> , 2013, 27, 581-590.	2.6	65
11	The effect of testosterone on regional blood flow in prepubertal anaesthetized pigs. <i>Journal of Physiology</i> , 2002, 543, 365-372.	2.9	60
12	Protective effects elicited by levosimendan against liver ischemia/reperfusion injury in anesthetized rats. <i>Liver Transplantation</i> , 2014, 20, 361-375.	2.4	48
13	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
14	Levosimendan Modulates Programmed Forms of Cell Death Through K _{ATP} Channels and Nitric Oxide. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 246-258.	1.9	38
15	Reflex Coronary Vasoconstriction Caused by Gallbladder Distension in Anesthetized Pigs. <i>Circulation</i> , 1996, 94, 2201-2209.	1.6	37
16	Hemodynamic Effect of Intracoronary Administration of Levosimendan in the Anesthetized Pig. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 46, 333-342.	1.9	36
17	Aquaporins as Targets of Dietary Bioactive Phytochemicals. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 30.	3.5	36
18	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

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19	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
20	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
21	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
22	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
23	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
24	Intracoronary Genistein Acutely Increases Coronary Blood Flow in Anesthetized Pigs through β -Adrenergic Mediated Nitric Oxide Release and Estrogenic Receptors. <i>Endocrinology</i> , 2008, 149, 2678-2687.	2.8	30
25	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
26	Intracoronary intermedin, 1-47 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
27	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
28	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
29	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
30	Levosimendan Inhibits Peroxidation in Hepatocytes by Modulating Apoptosis/Autophagy Interplay. <i>PLoS ONE</i> , 2015, 10, e0124742.	2.5	26
31	Effects of Genistein on Differentiation and Viability of Human Visceral Adipocytes. <i>Nutrients</i> , 2018, 10, 978.	4.1	26
32	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
33	Intracoronary Ghrelin Infusion Decreases Coronary Blood Flow in Anesthetized Pigs. <i>Endocrinology</i> , 2007, 148, 806-812.	2.8	25
34	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
35	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
36	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

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37	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
38	The Effect of Progesterone on Coronary Blood Flow in Anaesthetized Pigs. <i>Experimental Physiology</i> , 2001, 86, 101-108.	2.0	22
39	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
40	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
41	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
42	Oxidative Stress in Non-Alcoholic Fatty Liver Disease. <i>Livers</i> , 2022, 2, 30-76.	1.9	21
43	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
44	Effect of Progesterone on Peripheral Blood Flow in Prepubertal Female Anesthetized Pigs. <i>Journal of Vascular Research</i> , 2001, 38, 569-577.	1.4	18
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	Effect of Distension of the Gallbladder on Plasma Renin Activity in Anesthetized Pigs. <i>Circulation</i> , 2000, 101, 2539-2545.	1.6	15
53	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
54	The effect of dehydroepiandrosterone on regional blood flow in prepubertal anaesthetized pigs. <i>Journal of Physiology</i> , 2004, 557, 307-319.	2.9	13

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55	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
56	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
57	Levosimendan Improves Oxidative Balance in Cardiogenic Shock/Low Cardiac Output Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 373.	2.4	13
58	Coronary effects of cycloviobuxine D in anesthetized pigs and in isolated porcine coronary arteries. <i>Life Sciences</i> , 1999, 65, PL59-PL65.	4.3	12
59	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
60	Effect of monomeric adiponectin on cardiac function and perfusion in anesthetized pig. <i>Journal of Endocrinology</i> , 2014, 222, 137-149.	2.6	12
61	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
62	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
63	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
64	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
65	The Effect of Dehydroepiandrosterone on Coronary Blood Flow in Prepubertal Anaesthetized Pigs. <i>Journal of Physiology</i> , 2003, 549, 937-944.	2.9	11
66	Regulation of Ca ²⁺ movements by cycloviobuxine D in ECV304 endothelial cells. <i>Pharmacological Research</i> , 2005, 52, 154-161.	7.1	11
67	Management of Acute Cardiac Failure by Intracoronary Administration of Levosimendan. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 246-253.	1.9	11
68	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
69	Haemodynamic effects of the intravenous administration of growth hormone in anaesthetized pigs. <i>Pflugers Archiv European Journal of Physiology</i> , 1998, 436, 159-167.	2.8	10
70	Effects of Insulin on Coronary Blood Flow in Anesthetized Pigs. <i>Journal of Vascular Research</i> , 2002, 39, 504-513.	1.4	10
71	Changes in regional blood flow in response to distension of the uterus in anaesthetised pigs. <i>Journal of the Autonomic Nervous System</i> , 1997, 66, 7-14.	1.9	9
72	Stem Cell-Derived Extracellular Vesicles as Potential Therapeutic Approach for Acute Kidney Injury. <i>Frontiers in Immunology</i> , 2022, 13, 849891.	4.8	9

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73	Human Placental Lactogen Decreases Regional Blood Flow in Anesthetized Pigs. <i>Journal of Vascular Research</i> , 2006, 43, 205-213.	1.4	8
74	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
75	Reflex haemodynamic responses caused by distension of the uterus in anaesthetized pigs. <i>Journal of the Autonomic Nervous System</i> , 1997, 63, 1-11.	1.9	7
76	The role of β_2 -adrenergic vascular receptors in the peripheral vasodilation caused by 17β -estradiol in anesthetized pigs. <i>Life Sciences</i> , 1999, 65, 1545-1552.	4.3	7
77	Mechanisms of the renal vasodilation caused by insulin in anesthetized pigs. <i>Life Sciences</i> , 2001, 69, 1699-1708.	4.3	7
78	Intracoronary Infusion of Levosimendan to Treat Postpericardiotomy Heart Failure. <i>Annals of Thoracic Surgery</i> , 2006, 82, e33-e34.	1.3	7
79	Modulation of Calcium Movements by Urocortin II in Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 221-232.	1.6	7
80	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
81	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
82	Hemodynamic effects of the intravenous administration of cycloriribuxine D in anesthetized pigs. <i>Life Sciences</i> , 1997, 61, PL255-PL261.	4.3	6
83	Calcium handling in porcine coronary endothelial cells by gastrin-17. <i>Journal of Molecular Endocrinology</i> , 2013, 50, 243-253.	2.5	6
84	Asenapine modulates nitric oxide release and calcium movements in cardiomyoblasts. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2016, 7, 6-14.	0.4	6
85	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
86	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
87	GABAA receptors expression pattern in rat brain following low pressure distension of the stomach. <i>Neuroscience</i> , 2008, 152, 449-458.	2.3	4
88	Asenapine in clinical practice: preliminary results from a naturalistic observational study. <i>Rivista Di Psichiatria</i> , 2014, 49, 241-6.	0.6	3
89	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
90	Manufacture of a Multi-Purpose Low-Cost Animal Bench-Model for Teaching Tracheostomy. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	2

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91	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
92	The role of activation of the renin-angiotensin system on the reflex regional vasoconstriction caused by distension of the uterus in anaesthetized pigs. Autonomic Neuroscience: Basic and Clinical, 2001, 93, 56-64.	2.8	1
93	The effects of insulin on mesenteric blood flow in anaesthetized pigs. Experimental Physiology, 2004, 89, 363-371.	2.0	1
94	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
95	Hemodynamic effects of the intracoronary administration of urocortin 2 in the anesthetized pig. Journal of Molecular and Cellular Cardiology, 2007, 42, S111.	1.9	0
96	Abnormal postural reflexes in a patient with pontine ischaemia. BMJ Case Reports, 2015, 2015, bcr2015210616-bcr2015210616.	0.5	0
97	FP092SERUM LEVELS OF EXTRACELLULAR VESICLES (EVS) CORRELATE WITH PREECLAMPSIA (PE) SEVERITY AND MEDIATE ENDOTHELIAL CELL AND PODOCYTE DAMAGE. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
98	The Impact of a New "Inverted Arch" Prosthetic Annuloplasty Ring on the Mitral Valve's 3-D Motion: An Experimental Ex-Vivo Study. Bioengineering, 2019, 6, 31.	3.5	0
99	Periostin Circulating Levels and Genetic Variants in Patients with Non-Alcoholic Fatty Liver Disease. Diagnostics, 2020, 10, 1003.	2.6	0
100	Antiaging effects of natural agents in the skin: Focus on mitochondria. , 2021, , 557-575.		0
101	The inodilator levosimendan: 20 years of experience in various settings of cardiac care. Medical Research Journal, 2020, 5, 271-280.	0.2	0
102	Processing Adipose Tissue to Make it More Stable When Used for Refilling: A Morphologic and Immunohistochemistry Evaluation. Inquiry (United States), 2021, 58, 004695802110610.	0.9	0
103	The adenylate cyclase 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. Journal of Cardiovascular Pharmacology, 2022, Publish Ahead of Print, .	1.9	0