

Vincenzo Lionetti

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

4,419
citations

94433

37
h-index

114465

63
g-index

156
all docs

156
docs citations

156
times ranked

6302
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA aptamers masking angiotensin converting enzyme 2 as an innovative way to treat SARS-CoV-2 pandemic. <i>Pharmacological Research</i> , 2022, 175, 105982.	7.1	18
2	An insight into the mechanisms of COVID-19, SARS-CoV2 infection severity concerning β -cell survival and cardiovascular conditions in diabetic patients. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 1681-1695.	3.1	15
3	Editorial: The Analysis of Nanovesicles, Biomaterials and Chemical Compounds: Assisting the Promotion of Angiogenesis and Enhancing Tissue Engineering Strategies. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 904738.	2.4	0
4	Plasma exosomes characterization reveals a perioperative protein signature in older patients undergoing different types of on-pump cardiac surgery. <i>GeroScience</i> , 2021, 43, 773-789.	4.6	20
5	Implantable Fiber Bragg Grating Sensor for Continuous Heart Activity Monitoring: <i>Ex-Vivo</i> and <i>In-Vivo</i> Validation. <i>IEEE Sensors Journal</i> , 2021, 21, 14051-14059.	4.7	11
6	The impact of sex and gender on heart-brain axis dysfunction: current concepts and novel perspectives. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 151-160.	1.4	8
7	Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. <i>Pharmacological Research</i> , 2021, 168, 105581.	7.1	26
8	Tuscany Sangiovese grape juice imparts cardioprotection by regulating gene expression of cardioprotective C-type natriuretic peptide. <i>European Journal of Nutrition</i> , 2020, 59, 2953-2968.	3.9	11
9	miR-182-5p is an evolutionarily conserved Tbx5 effector that impacts cardiac development and electrical activity in zebrafish. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3215-3229.	5.4	12
10	COVID-19-associated cardiovascular morbidity in older adults: a position paper from the Italian Society of Cardiovascular Researches. <i>GeroScience</i> , 2020, 42, 1021-1049.	4.6	115
11	Selective perfusion of coronary vasculature in preterm sheep: a methodological innovation undermined by unfavourable operation of the foramen ovale. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 211-218.	1.4	2
12	Ticagrelor Enhances Release of Anti-Hypoxic Cardiac Progenitor Cell-Derived Exosomes Through Increasing Cell Proliferation In Vitro. <i>Scientific Reports</i> , 2020, 10, 2494.	3.3	37
13	Perioperative Heart-Brain Axis Protection in Obese Surgical Patients: The Nutrigenomic Approach. <i>Current Medicinal Chemistry</i> , 2020, 27, 258-281.	2.4	9
14	Perioperative cardioprotection: back to bedside. <i>Minerva Anestesiologica</i> , 2020, 86, 445-454.	1.0	15
15	High plasma levels of exosomal miR21 and miR133a are associated with LV reverse remodelling after surgical mitral valve repair. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
16	<i>Sirt3</i> Deficiency Shortens Life Span and Impairs Cardiac Mitochondrial Function Rescued by <i>Opal</i> Gene Transfer. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1255-1271.	5.4	70
17	Obese mice exposed to psychosocial stress display cardiac and hippocampal dysfunction associated with local brain-derived neurotrophic factor depletion. <i>EBioMedicine</i> , 2019, 47, 384-401.	6.1	49
18	Natriuretic peptides expression in a murine model of myocardial infarction after Sangiovese grape juice intake. Focus on CNP and ON putative involvement of plant miRNAs in-vitro and in healthy humans. <i>Clinica Chimica Acta</i> , 2019, 493, S191-S192.	1.1	0

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19	Importance of functional food compounds in cardioprotection through action on the epigenome. <i>European Heart Journal</i> , 2019, 40, 575-582.	2.2	47
20	Abstract 602: Mir-182-5p is a Conserved Downstream Effector of Tbx5 Involved in Heart Development and Arrhythmia in Zebrafish. <i>Circulation Research</i> , 2019, 125, .	4.5	0
21	Cardioprotection by cardiac progenitor cell-secreted exosomes: role of pregnancy-associated plasma protein-A. <i>Cardiovascular Research</i> , 2018, 114, 992-1005.	3.8	178
22	Cardioprotection gain with apelin-13: A matter of signalling. <i>Acta Physiologica</i> , 2018, 222, e13005.	3.8	3
23	Postoperative cognitive dysfunction and short-term neuroprotection from blueberries: a pilot study. <i>Minerva Anestesiologica</i> , 2018, 84, 1352-1360.	1.0	9
24	P4224 Superior exosome-mediated paracrine effects of cardiac progenitor cells compared to bone marrow mesenchymal stem cells derived from the same patient for cardiac repair. <i>European Heart Journal</i> , 2018, 39, .	2.2	0
25	P54 A MACHINE LEARNING SYSTEM FOR CAROTID PLAQUE VULNERABILITY ASSESSMENT BASED ON ULTRASOUND IMAGES. <i>Artery Research</i> , 2018, 24, 94.	0.6	0
26	ADAMTS13 Deficiency Shortens the Life Span of Mice With Experimental Diabetes. <i>Diabetes</i> , 2018, 67, 2069-2083.	0.6	8
27	Exosomes in Critical Illness. <i>Critical Care Medicine</i> , 2017, 45, 1054-1060.	0.9	73
28	Proteomics-based network analysis characterizes biological processes and pathways activated by preconditioned mesenchymal stem cells in cardiac repair mechanisms. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1190-1199.	2.4	9
29	Long-term Intake of Pasta Containing Barley (1×10^3) Beta-D-Glucan Increases Neovascularization-mediated Cardioprotection through Endothelial Upregulation of Vascular Endothelial Growth Factor and Parkin. <i>Scientific Reports</i> , 2017, 7, 13424.	3.3	17
30	New insights into the non-hemostatic role of von Willebrand factor in endothelial protection. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 1183-1189.	1.4	10
31	Analysis of Serum Cholesterol Efflux Capacity in a Minipig Model of Nonischemic Heart Failure. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017, 24, 853-862.	2.0	2
32	THE UNEXPECTED CARDIOPROTECTION BY EPIGENETIC FOODS. <i>Journal of the Siena Academy of Sciences</i> , 2017, 8, .	0.0	1
33	Regulation of the Adaptive Response of Cardiac Cells to Ischemia: Role of Nanovesicles. <i>NanoWorld Journal</i> , 2017, 03, .	0.1	1
34	Microparticles: Induced Exosomes in Cardiovascular Pathology ²⁵⁵ Exosomes from human cardiac-resident progenitor cells are more cardioprotective than exosomes from bone marrow mesenchymal stem cells via a pregnancy-associated plasma protein-a-dependent mechanism ²⁵⁶ The human pericardial fluid is enriched with cardiovascular-expressed microRNAs and exosomes with therapeutic potential ²⁵⁷ Circulating microparticles of healthy origins protect against atherosclerotic vascular disease via microRNA transfer to endothe. <i>Cardiovascular Research</i> , 2016, .	3.8	0
35	Simultaneous exposure to nitric oxide inhibition and angiotensin II overload: is it a murine model of mitochondrial dysfunction in nonischemic heart failure?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1385-H1387.	3.2	3
36	Multimodal molecular imaging system for pathway-specific reporter gene expression. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 86, 136-142.	4.0	3

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37	Magnetic resonance imaging of infarct-induced canonical wingless/integrated (Wnt)/ β^2 -catenin/T-cell factor pathway activation, <i>in vivo</i> . Cardiovascular Research, 2016, 112, 645-655.	3.8	14
38	Gene silencing of endothelial von Willebrand Factor attenuates angiotensin II-induced endothelin-1 expression in porcine aortic endothelial cells. Scientific Reports, 2016, 6, 30048.	3.3	29
39	16-Channel Surface Coil for ^{13}C -Hyperpolarized Spectroscopic Imaging of Cardiac Metabolism in Pig Heart. Journal of Medical and Biological Engineering, 2016, 36, 53-61.	1.8	5
40	Epigenetic Regulation of Cardiac Regeneration. Pancreatic Islet Biology, 2016, , 111-122.	0.3	0
41	Myocardial Expression Analysis of Osteopontin and Its Splice Variants in Patients Affected by End-Stage Idiopathic or Ischemic Dilated Cardiomyopathy. PLoS ONE, 2016, 11, e0160110.	2.5	13
42	Real-time cardiac metabolism assessed with hyperpolarized [^{13}C]acetate in a large animal model. Contrast Media and Molecular Imaging, 2015, 10, 194-202.	0.8	44
43	Barley beta-glucan promotes MnSOD expression and enhances angiogenesis under oxidative microenvironment. Journal of Cellular and Molecular Medicine, 2015, 19, 227-238.	3.6	44
44	Cardiac Metabolism in a Pig Model of Ischemia-Reperfusion by Cardiac Magnetic Resonance with Hyperpolarized ^{13}C -Pyruvate. IJC Metabolic & Endocrine, 2015, 6, 17-23.	0.5	7
45	Impaired hdl cholesterol efflux capacity during development of pacing-induced heart failure in minipig. Atherosclerosis, 2015, 241, e32.	0.8	0
46	Nitroso-Redox Balance and Modulation of Basal Myocardial Function: An Update from the Italian Society of Cardiovascular Research (SIRC). Current Drug Targets, 2015, 16, 895-903.	2.1	25
47	Epigenetic Regulation of Myocardial Homeostasis, Self-Regeneration and Senescence. Current Drug Targets, 2015, 16, 827-842.	2.1	8
48	These abstracts have been selected for moderated presentations on SCREEN A. Please refer to the the PROGRAM and the infos on the screen for more details about schedule, moderators and presenters.. European Heart Journal Cardiovascular Imaging, 2014, 15, i8-i11.	1.2	0
49	Adenosine receptor expression in an experimental animal model of myocardial infarction with preserved left ventricular ejection fraction. Heart and Vessels, 2014, 29, 513-519.	1.2	11
50	Regional mapping of myocardial hibernation phenotype in idiopathic end-stage dilated cardiomyopathy. Journal of Cellular and Molecular Medicine, 2014, 18, 396-414.	3.6	42
51	Extracellular vesicles from human cardiac progenitor cells inhibit cardiomyocyte apoptosis and improve cardiac function after myocardial infarction. Cardiovascular Research, 2014, 103, 530-541.	3.8	601
52	Exosomes secreted by adult human cardiac progenitor cells inhibit cardiomyocyte apoptosis, stimulate angiogenesis, and improve cardiac function after myocardial infarction. Cytotherapy, 2014, 16, S40.	0.7	1
53	Exosomes secreted by human cardiac progenitors contain micro-RNA with cardioprotective and pro-angiogenic activities. Cytotherapy, 2014, 16, S10.	0.7	0
54	172 * A NOVEL MODEL OF MURINE ASCENDING AORTIC ANEURYSM. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, S52-S52.	1.1	0

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55	Epigenetic Modulation of Myocardial Angiogenic Balance: An Emerging Therapeutic Perspective for Adult Failing Heart. <i>Current Angiogenesis</i> , 2014, 3, 3-10.	0.1	2
56	Regenerative medicine approach to repair the failing heart. <i>Vascular Pharmacology</i> , 2013, 58, 159-163.	2.1	11
57	High concentration of C-type natriuretic peptide promotes VEGF-dependent vasculogenesis in the remodeled region of infarcted swine heart with preserved left ventricular ejection fraction. <i>International Journal of Cardiology</i> , 2013, 168, 2426-2434.	1.7	30
58	Transmit-Only/Receive-Only Radiofrequency System for Hyperpolarized ¹³ C MRS Cardiac Metabolism Studies in Pigs. <i>Applied Magnetic Resonance</i> , 2013, 44, 1125-1138.	1.2	5
59	3D cardiac Chemical Shift Imaging of [¹³ C] hyperpolarized acetate and pyruvate in pigs. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, P10.	3.3	1
60	Influence of preload and afterload on stroke volume response to low-dose dobutamine stress in patients with non-ischemic heart failure: A cardiac MR study. <i>International Journal of Cardiology</i> , 2013, 166, 475-481.	1.7	8
61	A fast and effective method of quantifying myocardial perfusion by magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 1313-1324.	1.5	5
62	Apoptotic transcriptional profile remains activated in late remodeled left ventricle after myocardial infarction in swine infarcted hearts with preserved ejection fraction. <i>Pharmacological Research</i> , 2013, 70, 41-49.	7.1	6
63	Design of a quadrature surface coil for hyperpolarized ¹³ C MRS cardiac metabolism studies in pigs. <i>Concepts in Magnetic Resonance Part B</i> , 2013, 43, 69-77.	0.7	9
64	3D CMR Mapping of Metabolism by Hyperpolarized ¹³ C-Pyruvate in Ischemia-“Reperfusion. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 743-744.	5.3	15
65	From cell phenotype to epigenetic mechanisms: new insights into regenerating myocardium. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 579-585.	1.4	6
66	A New Dual-Promoter System for Cardiomyocyte-Specific Conditional Induction of Apoptosis. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	4
67	Mechanical Properties and Biological Interaction of Aortic Clamps: Are These All Minimally Invasive?. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013, 8, 42-49.	0.9	3
68	3rd EACTS Meeting on Cardiac and Pulmonary Regeneration Berlin-Brandenburgische Akademie, Berlin, Germany, 14-15 December 2012. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 16, S227-S236.	1.1	0
69	Glucose 6-Phosphate Dehydrogenase Deficiency Increases Redox Stress and Moderately Accelerates the Development of Heart Failure. <i>Circulation: Heart Failure</i> , 2013, 6, 118-126.	3.9	66
70	Larger Interventricular Conduction Time Enhances Mechanical Response to Resynchronization Therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, 416-423.	1.2	7
71	Mechanical Properties and Biological Interaction of Aortic Clamps: Are These All Minimally Invasive?. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2013, 8, 42-49.	0.9	0
72	Impact of Acute Changes of Left Ventricular Contractility on the Transvalvular Impedance: Validation Study by Pressure-Volume Loop Analysis in Healthy Pigs. <i>PLoS ONE</i> , 2013, 8, e80591.	2.5	13

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73	Acute Hemodynamic Effect of Left Ventricular Endocardial Pacing in Cardiac Resynchronization Therapy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 460-467.	4.8	47
74	Reconstruction methods from hyperpolarized ^{13}C chemical shift imaging spiral 3D data: Comparison between direct summation and gridding method. , 2012, , .		0
75	Regional evidence of modulation of cardiac adiponectin level in dilated cardiomyopathy: pilot study in a porcine animal model. <i>Cardiovascular Diabetology</i> , 2012, 11, 143.	6.8	10
76	Rosuvastatin elicits KDR-dependent vasculogenic response of human placental stem cells through PI3K/AKT pathway. <i>Pharmacological Research</i> , 2012, 65, 275-284.	7.1	23
77	Pacing-Induced Regional Differences in Adenosine Receptors mRNA Expression in a Swine Model of Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2012, 7, e47011.	2.5	9
78	Segmental analysis of cardiac metabolism by hyperpolarized $[1-^{13}\text{C}]$ pyruvate: an in-vivo 3D MRI study in pigs. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, .	3.3	1
79	Molecular Advances in Reporter Genes: The Need to Witness the Function of Stem Cells in Failing Heart in Vivo. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 503-512.	5.6	4
80	Hyperpolarized ^{13}C MRS Cardiac Metabolism Studies in Pigs: Comparison Between Surface and Volume Radiofrequency Coils. <i>Applied Magnetic Resonance</i> , 2012, 42, 413-428.	1.2	18
81	DNP Methods for Cardiac Metabolic Imaging with Hyperpolarized $[1-^{13}\text{C}]$ pyruvate Large Dose Injection in Pigs. <i>Applied Magnetic Resonance</i> , 2012, 43, 299-310.	1.2	12
82	Prometheus's heart: what lies beneath. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 228-236.	3.6	11
83	Exploring PTX3 expression in <i>Sus scrofa</i> cardiac tissue using RNA sequencing. <i>Regulatory Peptides</i> , 2012, 174, 1-5.	1.9	3
84	Assessment of real-time myocardial uptake and enzymatic conversion of hyperpolarized $[^{13}\text{C}]$ pyruvate in pigs using slice selective magnetic resonance spectroscopy. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 85-94.	0.8	40
85	How the signal-to-noise ratio influences hyperpolarized ^{13}C dynamic MRS data fitting and parameter estimation. <i>NMR in Biomedicine</i> , 2012, 25, 925-934.	2.8	18
86	Cell-to-cell variability in troponin I phosphorylation in a porcine model of pacing-induced heart failure. <i>Basic Research in Cardiology</i> , 2012, 107, 244.	5.9	10
87	Cardiac Regenerative Medicine Without Stem Cell Transplantation. , 2012, , 331-340.		0
88	Cardiac Versus Non-Cardiac Stem Cells to Repair the Heart: The Role of Autocrine/Paracrine Signals. , 2012, , 367-382.		0
89	Severity of regional myocardial dysfunction is not affected by cardiomyocyte apoptosis in non-ischemic heart failure. <i>Pharmacological Research</i> , 2011, 63, 207-215.	7.1	11
90	Nanomechanics to Drive Stem Cells in Injured Tissues: Insights from Current Research and Future Perspectives. <i>Stem Cells and Development</i> , 2011, 20, 561-568.	2.1	23

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91	Haemoglobin triggers chemotaxis of human monocyte-derived dendritic cells: Possible role in atherosclerotic lesion instability. <i>Atherosclerosis</i> , 2011, 215, 316-322.	0.8	13
92	Early long-term L-T3 replacement rescues mitochondria and prevents ischemic cardiac remodelling in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 514-524.	3.6	77
93	Microfluidic chip for spatially and temporally controlled biochemical gradient generation in standard cell-culture Petri dishes. <i>Microfluidics and Nanofluidics</i> , 2011, 11, 763-771.	2.2	7
94	Detection of 3D Cardiac metabolism after injection of hyperpolarized [1-13C]pyruvate. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, .	3.3	4
95	Ferritin as a reporter gene for in vivo tracking of stem cells by 1.5-T cardiac MRI in a rat model of myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H2238-H2250.	3.2	71
96	Modulating fatty acid oxidation in heart failure. <i>Cardiovascular Research</i> , 2011, 90, 202-209.	3.8	204
97	Placental stem cells pre-treated with a hyaluronan mixed ester of butyric and retinoic acid to cure infarcted pig hearts: a multimodal study. <i>Cardiovascular Research</i> , 2011, 90, 546-556.	3.8	59
98	Early subclinical increase in pulmonary water content in athletes performing sustained heavy exercise at sea level: ultrasound lung comet-tail evidence. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H2161-H2167.	3.2	45
99	A Dose-Response Elevation in Hepatic Glucose Uptake is Paralleled by Liver Triglyceride Synthesis and Release. <i>Endocrine Research</i> , 2011, 36, 9-18.	1.2	5
100	Distinct cardiac and renal effects of ET _A receptor antagonist and ACE inhibitor in experimental type 2 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F1114-F1123.	2.7	56
101	How Resident Stem Cells Communicate with Cardiac Cells in Beating Heart?. <i>Journal of Stem Cell Research & Therapy</i> , 2011, 01, .	0.3	8
102	In Vivo Imaging of Regenerated Tissue: State of Art and Future Perspectives. , 2011, , 95-103.		0
103	Control of autocrine and paracrine myocardial signals: an emerging therapeutic strategy in heart failure. <i>Heart Failure Reviews</i> , 2010, 15, 531-542.	3.9	48
104	Experimental approaches to cardiac imaging with hyperpolarized [1-13c]pyruvate: a feasibility study in rats with a 3T clinical scanner. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, .	3.3	8
105	Cardiac metabolism with hyperpolarized [1-13c]pyruvate: a feasibility study in mini-pig with a large dose injection. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, .	3.3	7
106	Transthoracic Sensor for Noninvasive Assessment of Left Ventricular Contractility: Validation in A Minipig Model of Chronic Heart Failure. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2010, 33, 795-803.	1.2	16
107	Cardiomyocyte VEGFR α 1 activation by VEGF β induces compensatory hypertrophy and preserves cardiac function after myocardial infarction. <i>FASEB Journal</i> , 2010, 24, 1467-1478.	0.5	159
108	Hyaluronan Mixed Esters of Butyric and Retinoic Acid Affording Myocardial Survival and Repair without Stem Cell Transplantation. <i>Journal of Biological Chemistry</i> , 2010, 285, 9949-9961.	3.4	58

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109	New therapies for the failing heart: trans-genes versus trans-cells. <i>Translational Research</i> , 2010, 156, 130-135.	5.0	7
110	MS53 LOW HDL-HIGH INFLAMMATORY MARKERS IN HEART FAILURE INDUCED BY HIGH FREQUENCY PACING IN MINIPIGS. <i>Atherosclerosis Supplements</i> , 2010, 11, 120-121.	1.2	0
111	Hyaluronan Esters Drive Smad Gene Expression and Signaling Enhancing Cardiogenesis in Mouse Embryonic and Human Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2010, 5, e15151.	2.5	36
112	Towards Ultrasound Molecular Imaging. , 2010, , 1-11.		1
113	NPR-B, the C-type natriuretic peptide specific receptor, is the predominant biological receptor in mouse and pig myocardial tissue. <i>Minerva Endocrinologica</i> , 2010, 35, 37-46.	1.8	8
114	Enhanced Caveolae-Mediated Endocytosis by Diagnostic Ultrasound In Vitro. <i>Ultrasound in Medicine and Biology</i> , 2009, 35, 136-143.	1.5	69
115	Severe Mechanical Dyssynchrony Causes Regional Hibernation-Like Changes in Pigs With Nonischemic Heart Failure. <i>Journal of Cardiac Failure</i> , 2009, 15, 920-928.	1.7	37
116	Asymmetrical myocardial expression of natriuretic peptides in pacing-induced heart failure. <i>Peptides</i> , 2009, 30, 1710-1713.	2.4	26
117	Synthetic Thyroid Hormone and Thyroid Hormone Analogues for Treatment of Heart Failure. , 2009, , 225-241.		0
118	An implantable ZigBee ready telemetric platform for in vivo monitoring of physiological parameters. <i>Sensors and Actuators A: Physical</i> , 2008, 142, 369-378.	4.1	48
119	Expression of C-type natriuretic peptide and of its receptor NPR-B in normal and failing heart. <i>Peptides</i> , 2008, 29, 2208-2215.	2.4	66
120	Mismatch between uniform increase in cardiac glucose uptake and regional contractile dysfunction in pacing-induced heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2747-H2756.	3.2	55
121	Chronic Activation of Peroxisome Proliferator-Activated Receptor- α with Fenofibrate Prevents Alterations in Cardiac Metabolic Phenotype without Changing the Onset of Decompensation in Pacing-Induced Heart Failure. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 165-171.	2.5	55
122	Early detection of acute lung injury uncoupled to hypoxemia in pigs using ultrasound lung comets*. <i>Critical Care Medicine</i> , 2007, 35, 2769-2774.	0.9	108
123	Sequencing and cardiac expression of natriuretic peptide receptor 2 (NPR-B) in <i>Sus Scrofa</i> . <i>Peptides</i> , 2007, 28, 1390-1396.	2.4	18
124	Hyaluronan Mixed Esters of Butyric and Retinoic Acid Drive Cardiac and Endothelial Fate in Term Placenta Human Mesenchymal Stem Cells and Enhance Cardiac Repair in Infarcted Rat Hearts. <i>Journal of Biological Chemistry</i> , 2007, 282, 14243-14252.	3.4	152
125	Early detection of acute lung injury uncoupled to hypoxemia in pigs using ultrasound lung comets*. <i>Critical Care Medicine</i> , 2007, 35, 2769-2774.	0.9	121
126	Animal Models of Dilated Cardiomyopathy for Translational Research. <i>Veterinary Research Communications</i> , 2007, 31, 35-41.	1.6	68

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127	379 Chronic left ventricular pacing induces regional heterogeneities in cardiac mechanical function and perfusion uncoupled with glucose uptake in minipigs. <i>European Journal of Heart Failure, Supplement, 2007, 6, 88-88.</i>	0.0	0
128	Glucose-6-phosphate dehydrogenase-derived NADPH fuels superoxide production in the failing heart. <i>Journal of Molecular and Cellular Cardiology, 2006, 41, 340-349.</i>	1.9	132
129	Lack of phosphoinositide 3-kinase- β attenuates ventilator-induced lung injury*. <i>Critical Care Medicine, 2006, 34, 134-141.</i>	0.9	62
130	Altered cardiac metabolic phenotype after prolonged inhibition of NO synthesis in chronically instrumented dogs. <i>American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1721-H1726.</i>	3.2	10
131	Overview of ventilator-induced lung injury mechanisms. <i>Current Opinion in Critical Care, 2005, 11, 82-86.</i>	3.2	167
132	Carnitine palmitoyl transferase-I inhibition prevents ventricular remodeling and delays decompensation in pacing-induced heart failure. <i>Cardiovascular Research, 2005, 66, 454-461.</i>	3.8	96
133	Paradoxical downregulation of the glucose oxidation pathway despite enhanced flux in severe heart failure. <i>Journal of Molecular and Cellular Cardiology, 2004, 36, 567-576.</i>	1.9	156
134	Reduced Left Ventricular Compliance and Mechanical Efficiency after Prolonged Inhibition of NO Synthesis in Conscious Dogs. <i>Journal of Physiology, 2003, 552, 233-239.</i>	2.9	19