

Par Renaud Tissier

List of Publications by Year in descending order

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132
papers

3,441
citations

94269

37
h-index

168136

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146
docs citations

146
times ranked

2414
citing authors

#	ARTICLE	IF	CITATIONS
1	Protection Against Myocardial Infarction and No-Reflow Through Preservation of Vascular Integrity by Angiotensin-Like 4. <i>Circulation</i> , 2012, 125, 140-149.	1.6	131
2	Echocardiographic assessment of canine degenerative mitral valve disease. <i>Journal of Veterinary Cardiology</i> , 2012, 14, 127-148.	0.3	125
3	Diagnostic Value of Echo-Doppler and Tissue Doppler Imaging in Dogs with Pulmonary Arterial Hypertension. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 1280-1289.	0.6	122
4	Doppler echocardiography-derived evidence of pulmonary arterial hypertension in dogs with degenerative mitral valve disease: 86 cases (2001-2005). <i>Journal of the American Veterinary Medical Association</i> , 2006, 229, 1772-1778.	0.2	103
5	Use of quantitative two-dimensional color tissue Doppler imaging for assessment of left ventricular radial and longitudinal myocardial velocities in dogs. <i>American Journal of Veterinary Research</i> , 2005, 66, 953-961.	0.3	92
6	Comparison of 3 Ultrasound Methods for Quantifying Left Ventricular Systolic Function: Correlation with Disease Severity and Prognostic Value in Dogs with Mitral Valve Disease. <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 566-577.	0.6	82
7	Pharmacological postconditioning with the phytoestrogen genistein. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, 79-87.	0.9	79
8	Association of Plasma N-Terminal Pro-B-Type Natriuretic Peptide Concentration with Mitral Regurgitation Severity and Outcome in Dogs with Asymptomatic Degenerative Mitral Valve Disease. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 984-994.	0.6	77
9	Systolic and Diastolic Myocardial Dysfunction in Cats with Hypertrophic Cardiomyopathy or Systemic Hypertension. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 1106-1115.	0.6	76
10	Radial strain and strain rate by two-dimensional speckle tracking echocardiography and the tissue velocity based technique in the dog. <i>Journal of Veterinary Cardiology</i> , 2007, 9, 69-81.	0.3	76
11	Quantitative assessment of velocities of the annulus of the left atrioventricular valve and left ventricular free wall in healthy cats by use of two-dimensional color tissue Doppler imaging. <i>American Journal of Veterinary Research</i> , 2006, 67, 250-258.	0.3	68
12	Myocardial protection with mild hypothermia. <i>Cardiovascular Research</i> , 2012, 94, 217-225.	1.8	68
13	Quantification, repeatability, and reproducibility of feline radial and longitudinal left ventricular velocities by tissue Doppler imaging. <i>American Journal of Veterinary Research</i> , 2004, 65, 566-572.	0.3	63
14	Rapid cooling preserves the ischaemic myocardium against mitochondrial damage and left ventricular dysfunction. <i>Cardiovascular Research</i> , 2009, 83, 345-353.	1.8	62
15	The small chill: mild hypothermia for cardioprotection?. <i>Cardiovascular Research</i> , 2010, 88, 406-414.	1.8	62
16	Tissue Doppler assessment of diastolic and systolic alterations of radial and longitudinal left ventricular motions in Golden Retrievers during the preclinical phase of cardiomyopathy associated with muscular dystrophy. <i>American Journal of Veterinary Research</i> , 2004, 65, 1335-1341.	0.3	60
17	Retrospective study of 942 small-sized dogs: Prevalence of left apical systolic heart murmur and left-sided heart failure, critical effects of breed and sex. <i>Journal of Veterinary Cardiology</i> , 2006, 8, 11-18.	0.3	60
18	Comparative Echocardiographic and Clinical Features of Hypertrophic Cardiomyopathy in 5 Breeds of Cats: A Retrospective Analysis of 344 Cases (2001-2011). <i>Journal of Veterinary Internal Medicine</i> , 2012, 26, 532-541.	0.6	58

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19	Cardioprotection by mild hypothermia during ischemia involves preservation of ERK activity. <i>Basic Research in Cardiology</i> , 2011, 106, 421-430.	2.5	57
20	Total Liquid Ventilation Provides Ultra-Fast Cardioprotective Cooling. <i>Journal of the American College of Cardiology</i> , 2007, 49, 601-605.	1.2	56
21	Prospective Echocardiographic and Tissue Doppler Imaging Screening of a Population of Maine Coon Cats Tested for the A31P Mutation in the Myosin- β Binding Protein C Gene: A Specific Analysis of the Heterozygous Status. <i>Journal of Veterinary Internal Medicine</i> , 2009, 23, 91-99.	0.6	56
22	Ultrafast and Whole-Body Cooling With Total Liquid Ventilation Induces Favorable Neurological and Cardiac Outcomes After Cardiac Arrest in Rabbits. <i>Circulation</i> , 2011, 124, 901-911.	1.6	56
23	Protection against cardiac ischemia-reperfusion injury by hypothermia and by inhibition of succinate accumulation and oxidation is additive. <i>Basic Research in Cardiology</i> , 2019, 114, 18.	2.5	55
24	Plasma N-terminal pro-B-type natriuretic peptide concentration helps to predict survival in dogs with symptomatic degenerative mitral valve disease regardless of and in combination with the initial clinical status at admission. <i>Journal of Veterinary Cardiology</i> , 2009, 11, 103-121.	0.3	52
25	Chordae Tendineae Rupture in Dogs with Degenerative Mitral Valve Disease: Prevalence, Survival, and Prognostic Factors (114 Cases, 2001-2006). <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 258.	0.6	50
26	Cardioprotective effects of mineralocorticoid receptor antagonists at reperfusion. <i>European Heart Journal</i> , 2010, 31, 1655-1662.	1.0	49
27	Ultrasonographic Assessment of Regional Radial and Longitudinal Systolic Function in Healthy Awake Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 885-893.	0.6	48
28	Diagnostic Value of Echo-Doppler and Tissue Doppler Imaging in Dogs with Pulmonary Arterial Hypertension. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 1280.	0.6	48
29	Noninvasive Assessment of Systolic Left Ventricular Torsion by 2-Dimensional Speckle Tracking Imaging in the Awake Dog: Repeatability, Reproducibility, and Comparison with Tissue Doppler Imaging Variables. <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 342-350.	0.6	47
30	Quantification of pulmonary to systemic flow ratio by a Doppler echocardiographic method in the normal dog: Repeatability, reproducibility, and reference ranges. <i>Journal of Veterinary Cardiology</i> , 2009, 11, 23-29.	0.3	47
31	Retrospective Study of 156 Atrial Septal Defects in Dogs and Cats (2001-2005). <i>Transboundary and Emerging Diseases</i> , 2006, 53, 179-184.	0.6	46
32	Quantification of mitral valve regurgitation in dogs with degenerative mitral valve disease by use of the proximal isovelocity surface area method. <i>Journal of the American Veterinary Medical Association</i> , 2007, 231, 399-406.	0.2	43
33	Differential effects of postconditioning on myocardial stunning and infarction: a study in conscious dogs and anesthetized rabbits. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H1345-H1350.	1.5	42
34	Prospective echocardiographic and tissue Doppler screening of a large Sphynx cat population: Reference ranges, heart disease prevalence and genetic aspects. <i>Journal of Veterinary Cardiology</i> , 2012, 14, 497-509.	0.3	40
35	Mild hypothermia reduces per-ischemic reactive oxygen species production and preserves mitochondrial respiratory complexes. <i>Resuscitation</i> , 2013, 84, 249-255.	1.3	40
36	Assessment of Regional Systolic and Diastolic Myocardial Function Using Tissue Doppler and Strain Imaging in Dogs with Dilated Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 719-730.	0.6	39

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37	Tissue Doppler Imaging for Detection of Radial and Longitudinal Myocardial Dysfunction in a Family of Cats Affected by Dystrophinâ€‘deficient Hypertrophic Muscular Dystrophy. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 640-647.	0.6	37
38	Prevalence of the MYBPC3-A31P mutation in a large European feline population and association with hypertrophic cardiomyopathy in the Maine Coon breed. <i>Journal of Veterinary Cardiology</i> , 2010, 12, 155-161.	0.3	37
39	Comparison of Doppler ultrasonography and high-definition oscillometry for blood pressure measurements in healthy awake dogs. <i>American Journal of Veterinary Research</i> , 2010, 71, 766-772.	0.3	35
40	Making the heart resistant to infarction: how can we further decrease infarct size?. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 284.	3.0	34
41	Hypothermic Liquid Ventilation Prevents Early Hemodynamic Dysfunction and Cardiovascular Mortality After Coronary Artery Occlusion Complicated by Cardiac Arrest in Rabbits. <i>Critical Care Medicine</i> , 2013, 41, e457-e465.	0.4	31
42	Hypothermic Total Liquid Ventilation Is Highly Protective Through Cerebral Hemodynamic Preservation and Sepsis-Like Mitigation After Asphyxial Cardiac Arrest*. <i>Critical Care Medicine</i> , 2015, 43, e420-e430.	0.4	31
43	Effect of Benazepril on Survival and Cardiac Events in Dogs with Asymptomatic Mitral Valve Disease: A Retrospective Study of 141 Cases. <i>Journal of Veterinary Internal Medicine</i> , 2008, 22, 905-914.	0.6	30
44	Chronic heart rate reduction with ivabradine improves systolic function of the reperfused heart through a dual mechanism involving a direct mechanical effect and a long-term increase in FKBP12/12.6 expression. <i>European Heart Journal</i> , 2010, 31, 1529-1537.	1.0	29
45	<i>Chordae tendineae</i> Rupture in Dogs with Degenerative Mitral Valve Disease: Prevalence, Survival, and Prognostic Factors (114 Cases, 2001â€‘2006). <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 258-264.	0.6	27
46	Systolic and diastolic myocardial dysfunction in cats with hypertrophic cardiomyopathy or systemic hypertension. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 1106-15.	0.6	27
47	Reference range values of regional left ventricular myocardial velocities and time intervals assessed by tissue Doppler imaging in young nonsedated Maine Coon cats. <i>American Journal of Veterinary Research</i> , 2005, 66, 1936-1942.	0.3	26
48	Differences in the profile of protection afforded by TRO40303 and mild hypothermia in models of cardiac ischemia/reperfusion injury. <i>European Journal of Pharmacology</i> , 2015, 760, 7-19.	1.7	26
49	Diagnostic Potential of Natriuretic Peptides in the Occult Phase of Golden Retriever Muscular Dystrophy Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 845-850.	0.6	25
50	Isoflurane Inhaled at the Onset of Reperfusion Potentiates the Cardioprotective Effect of Ischemic Postconditioning Through a NO-dependent Mechanism. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 47, 487-492.	0.8	24
51	Signalment, clinical features, echocardiographic findings, and outcome of dogs and cats with ventricular septal defects: 109 cases (1992â€‘2013). <i>Journal of the American Veterinary Medical Association</i> , 2015, 247, 166-175.	0.2	23
52	The use of proteome similarity for the qualitative and quantitative profiling of reperfused myocardiumâ†. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1317-1326.	1.2	22
53	Rapid cooling of the heart with total liquid ventilation prevents transmural myocardial infarction following prolonged ischemia in rabbits. <i>Resuscitation</i> , 2010, 81, 359-362.	1.3	22
54	Congenital Heart Diseases in the Boxer Dog: A Retrospective Study of 105 Cases (1998â€‘2005). <i>Transboundary and Emerging Diseases</i> , 2006, 53, 346-351.	0.6	21

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55	Echocardiographic and Tissue Doppler Imaging Alterations Associated with Spontaneous Canine Systemic Hypertension. <i>Journal of Veterinary Internal Medicine</i> , 2011, 25, 1025-1035.	0.6	21
56	Kidney Protection by Hypothermic Total Liquid Ventilation after Cardiac Arrest in Rabbits. <i>Anesthesiology</i> , 2014, 120, 861-869.	1.3	21
57	Therapeutic hypothermia to protect the heart against acute myocardial infarction. <i>Archives of Cardiovascular Diseases</i> , 2016, 109, 716-722.	0.7	19
58	Systolic arterial blood pressure in small-breed dogs with degenerative mitral valve disease: A prospective study of 103 cases (2007-2012). <i>Veterinary Journal</i> , 2013, 197, 830-835.	0.6	18
59	Diagnostic and prognostic value of endothelin-1 plasma concentrations in dogs with heart and respiratory disorders. <i>Veterinary Record</i> , 2006, 158, 783-788.	0.2	17
60	Adenosine A1-receptor induced late preconditioning and myocardial infarction: reperfusion duration is critical. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H38-H43.	1.5	16
61	Efficacy of Oral Tadalafil, a New Long-acting Phosphodiesterase-5 Inhibitor, for the Short-term Treatment of Pulmonary Arterial Hypertension in a Dog. <i>Transboundary and Emerging Diseases</i> , 2006, 53, 129-133.	0.6	16
62	A new paradigm for lung-conservative total liquid ventilation. <i>EBioMedicine</i> , 2020, 52, 102365.	2.7	16
63	Within-day and between-day variability of transthoracic anatomic M-mode echocardiography in the awake bottlenose dolphin (<i>Tursiops truncatus</i>). <i>Journal of Veterinary Cardiology</i> , 2012, 14, 511-518.	0.3	15
64	Influence of the observer's level of experience on systolic and diastolic arterial blood pressure measurements using Doppler ultrasonography in healthy conscious cats. <i>Journal of Feline Medicine and Surgery</i> , 2015, 17, 94-100.	0.6	15
65	Total liquid ventilation offers ultra-fast and whole-body cooling in large animals in physiological conditions and during cardiac arrest. <i>Resuscitation</i> , 2015, 93, 69-73.	1.3	15
66	Assessing the impacts of total liquid ventilation on left ventricular diastolic function in a model of neonatal respiratory distress syndrome. <i>PLoS ONE</i> , 2018, 13, e0191885.	1.1	15
67	Evidence for a Ceiling of Cardioprotection with a Nitric Oxide Donor-Induced Delayed Preconditioning in Rabbits. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 528-531.	1.3	14
68	The Ceiling Effect of Pharmacological Postconditioning with the Phytoestrogen Genistein Is Reversed by the GSK3 β Inhibitor SB 216763 [3-(2,4-Dichlorophenyl)-4(1-methyl-1H-indol-3-yl)-1H-pyrrole-2,5-dione] through Mitochondrial ATP-Dependent Potassium Channel Opening. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 1134-1141.	1.3	14
69	Quantitative assessment of systolic and diastolic right ventricular function by echocardiography and speckle-tracking imaging: a prospective study in 104 dogs. <i>Journal of Veterinary Science</i> , 2018, 19, 683.	0.5	14
70	Core Body Temperature Control by Total Liquid Ventilation Using a Virtual Lung Temperature Sensor. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 2859-2868.	2.5	13
71	Epidemiological, clinical, and echocardiographic features and survival times of dogs and cats with tetralogy of Fallot: 31 cases (2003-2014). <i>Journal of the American Veterinary Medical Association</i> , 2016, 249, 909-917.	0.2	12
72	Multi-parametric functional ultrasound imaging of cerebral hemodynamics in a cardiopulmonary resuscitation model. <i>Scientific Reports</i> , 2018, 8, 16436.	1.6	12

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73	Inhibitors of swelling-activated chloride channels increase infarct size and apoptosis in rabbit myocardium. <i>Fundamental and Clinical Pharmacology</i> , 2003, 17, 555-561.	1.0	11
74	Preconditioning of salvaged myocardium in conscious rabbits with postinfarction dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2763-H2769.	1.5	11
75	A Brief Period of Hypothermia Induced by Total Liquid Ventilation Decreases End-Organ Damage and Multiorgan Failure Induced by Aortic Cross-Clamping. <i>Anesthesia and Analgesia</i> , 2016, 123, 659-669.	1.1	11
76	Resuscitative endovascular balloon occlusion of the aorta vs epinephrine in the treatment of non-traumatic cardiac arrest in swine. <i>Annals of Intensive Care</i> , 2021, 11, 81.	2.2	11
77	Ultrasonographic assessment of regional radial and longitudinal systolic function in healthy awake dogs. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 885-93.	0.6	11
78	Myocardial stunning in exercise-induced ischemia in dogs: lack of late preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H302-H310.	1.5	10
79	Does mild hypothermia protect against reperfusion injury? The debate continues. <i>Basic Research in Cardiology</i> , 2011, 106, 691-695.	2.5	10
80	Optimal Control of Inspired Perfluorocarbon Temperature for Ultrafast Hypothermia Induction by Total Liquid Ventilation in an Adult Patient Model. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 2760-2770.	2.5	10
81	Ultrafast Hypothermia Selectively Mitigates the Early Humoral Response After Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2020, 9, e017413.	1.6	10
82	Tissue Doppler Imaging for Detection of Radial and Longitudinal Myocardial Dysfunction in a Family of Cats Affected by Dystrophin-Deficient Hypertrophic Muscular Dystrophy. <i>Journal of Veterinary Internal Medicine</i> , 2006, 20, 640.	0.6	10
83	Non-cultured cell transplantation in an ovine model of non-ischemic heart failure. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 31, 444-451.	0.6	9
84	Early Coronary Reperfusion Facilitates Return of Spontaneous Circulation and Improves Cardiovascular Outcomes After Ischemic Cardiac Arrest and Extracorporeal Resuscitation in Pigs. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	9
85	Effect of ultra-fast mild hypothermia using total liquid ventilation on hemodynamics and respiratory mechanics. <i>Cryobiology</i> , 2016, 73, 99-101.	0.3	9
86	Argon attenuates multiorgan failure following experimental aortic cross-clamping. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 1170-1179.	1.1	9
87	Early blood transcriptomic signature predicts patients' outcome after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2019, 138, 222-232.	1.3	9
88	Assessment of Regional Systolic and Diastolic Myocardial Function Using Tissue Doppler and Strain Imaging in Dogs with Dilated Cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2007, 21, 719.	0.6	9
89	Liquid Ventilation for the Induction of Ultrafast Hypothermia in Resuscitation Sciences: A Review. <i>Therapeutic Hypothermia and Temperature Management</i> , 2016, 6, 63-70.	0.3	8
90	Thermal Dynamics in Newborn and Juvenile Models Cooled by Total Liquid Ventilation. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 1483-1491.	2.5	7

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91	Hypothermic total liquid ventilation after experimental aspiration-associated acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2018, 8, 57.	2.2	7
92	Brain and Myocardial Mitochondria Follow Different Patterns of Dysfunction After Cardiac Arrest. <i>Shock</i> , 2021, 56, 857-864.	1.0	7
93	Monoxyde d'azote et preconditionnement du myocarde ischémique par Bijan Ghaleh, Renaud Tissier & Alain Berdeaux. <i>Société De Biologie Journal</i> , 2000, 194, 137-141.	0.3	6
94	Adenosine and Opioid Receptors Do Not Trigger the Cardioprotective Effect of Mild Hypothermia. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2012, 17, 173-180.	1.0	6
95	Evaluation of lung recovery after static administration of three different perfluorocarbons in pigs. <i>BMC Pharmacology & Toxicology</i> , 2014, 15, 53.	1.0	6
96	Comparative Effect of Hypothermia and Adrenaline During Cardiopulmonary Resuscitation in Rabbits. <i>Shock</i> , 2014, 41, 154-158.	1.0	6
97	Epidemiological, clinical, and echocardiographic features, and outcome of dogs with Ebstein's anomaly: 32 cases (2002-2016). <i>Journal of Veterinary Cardiology</i> , 2020, 29, 11-21.	0.3	6
98	Diagnostic potential of natriuretic peptides in the occult phase of golden retriever muscular dystrophy cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 845-50.	0.6	6
99	Reperfusion duration paradox with late myocardial preconditioning in rabbits. <i>European Journal of Pharmacology</i> , 2002, 450, 179-182.	1.7	5
100	Perflubron Distribution During Transition From Gas to Total Liquid Ventilation. <i>Frontiers in Physiology</i> , 2018, 9, 1723.	1.3	5
101	Argon Attenuates Multiorgan Failure in Relation with HMGB1 Inhibition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3257.	1.8	5
102	Pharmacological delayed preconditioning against ischaemia-induced ventricular arrhythmias: effect of an adenosine A1 -receptor agonist. <i>British Journal of Pharmacology</i> , 2001, 134, 1532-1538.	2.7	4
103	Amlodipine: One of the main anti-hypertensive drugs in veterinary therapeutics. <i>Journal of Veterinary Cardiology</i> , 2005, 7, 53-58.	0.3	4
104	Relation of the ischaemic substrate to left ventricular remodelling by cardiac magnetic resonance at 1.5T in rabbits. <i>European Radiology</i> , 2010, 20, 1214-1220.	2.3	4
105	Perfluorocarbon induces alveolar epithelial cell response through structural and mechanical remodeling. <i>Biomechanics and Modeling in Mechanobiology</i> , 2018, 17, 961-973.	1.4	4
106	Letter by Kohlhauer et al Regarding Article, "Induction of Therapeutic Hypothermia During Out-of-Hospital Cardiac Arrest Using a Rapid Infusion of Cold Saline: The RINSE Trial (Rapid Infusion of) Tj ETQq0 0.0gBT /Overlock 10 T	0.6	4
107	Targeted Temperature Management With Total Liquid Ventilation After Ischemic Spinal Cord Injury. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1797-1803.	0.7	3
108	Patient-specific optimal cooling power command for hypothermia induction by liquid ventilation. <i>Control Engineering Practice</i> , 2018, 77, 109-117.	3.2	3

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109	Tolerance of torasemide in cats with congestive heart failure: a retrospective study on 21 cases (2016-2019). BMC Veterinary Research, 2020, 16, 339.	0.7	3
110	Targeted high mean arterial pressure aggravates cerebral hemodynamics after extracorporeal resuscitation in swine. Critical Care, 2021, 25, 369.	2.5	3
111	ABYSS: Therapeutic hypothermia by total liquid ventilation following cardiac arrest and resuscitation. Irbm, 2015, 36, 110-117.	3.7	2
112	Control of rapid hypothermia induction by total liquid ventilation : Preliminary results. , 2013, 2013, 3757-60.		1
113	Lumped Thermal Model of a Newborn Lamb and a Liquid Ventilator in Total Liquid Ventilation. , 2014, , .		1
114	Liquid ventilator for ultrafast hypothermia induction in juvenile lambs: Preliminary results. , 2015, 2015, 1695-8.		1
115	Optimal control of inspired perfluorocarbon temperature for induction of hypothermia by total liquid ventilation in juvenile lamb model. , 2016, 2016, 2704-2707.		1
116	Direct Optimal Control of Breathable Liquid Temperature for Human Cooling. IFAC-PapersOnLine, 2017, 50, 11017-11022.	0.5	1
117	How Can we Study Cardiopulmonary Resuscitation and Cardiac Arrest in Animals: a Review. Journal of Dairy Veterinary & Animal Research, 2016, 3, .	0.3	1
118	Feasibility, Within-Day and Between-Day Variability of Transthoracic Echocardiography in Sloths (Bradypus Variegatus and Choloepus Hoffmanni). Journal of Veterinary Science & Medical Diagnosis, 2017, 06, .	0.0	1
119	Abstract 114: Effect of Body Position on Intracranial Pressure and Carotid Blood Flow During Extracorporeal Cardiopulmonary Resuscitation. Circulation, 2020, 142, .	1.6	1
120	Cardiovascular examination in awake Orangutans (Pongo pygmaeus pygmaeus): Low-stress Echocardiography including Speckle Tracking imaging (the COOLEST method). PLoS ONE, 2022, 17, e0254306.	1.1	1
121	Red blood cell abnormalities occur in dogs with congenital ventricular outflow tract obstruction. American Journal of Veterinary Research, 2022, 83, 198-204.	0.3	1
122	A new heading for cardiovascular pharmacology and toxicology to promote evidence-based pharmacology and therapeutics. Journal of Veterinary Cardiology, 2005, 7, 3.	0.3	0
123	A64. Total liquid ventilation rapidly cools the heart to protect it from infarction. Journal of Molecular and Cellular Cardiology, 2006, 40, 906.	0.9	0
124	071 Procortalan, an If current inhibitor, improves systolic function and enhances FKBP12 expression after myocardial infarction and 3 weeks of reperfusion in conscious rabbits. Archives of Cardiovascular Diseases Supplements, 2010, 2, 24.	0.0	0
125	A new model of cardiac arrest with underlying myocardial ischemia in chronically instrumented rabbits. Resuscitation, 2012, 83, e91-e92.	1.3	0
126	Hypothermie thérapeutique et protection contre l'infarctus du myocarde. Archives Des Maladies Du Coeur Et Des Vaisseaux - Pratique, 2013, 2013, 26-30.	0.0	0

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127	Ultrafast cooling with hypothermic total liquid ventilation is potently protective after non-shockable cardiac arrest in rabbits. <i>Resuscitation</i> , 2014, 85, S17-S18.	1.3	0
128	Ultrafast whole body cooling induced by hypothermic total liquid ventilation attenuates shock after aortic cross clamping in rabbits. <i>Resuscitation</i> , 2014, 85, S97-S98.	1.3	0
129	Effect of therapeutic hypothermia and targeted temperature control after out of hospital cardiac arrest. <i>Sang Thrombose Vaisseaux</i> , 2016, 28, 19-22.	0.1	0
130	Abstract 145: High Mobility Group Box 1 (HMGB1) is a Major Mediator of the Post-cardiac Arrest Syndrome. <i>Circulation</i> , 2020, 142, .	1.6	0
131	Abstract 9934: High Mean Arterial Pressure Aggravates Cerebral Hemodynamics After Extracorporeal Resuscitation in Swine. <i>Circulation</i> , 2021, 144, .	1.6	0
132	Abstract 10941: Cerebral Consumption of Lactate Increases Neurological Injury After Experimental Cardiac Arrest in Rabbits. <i>Circulation</i> , 2021, 144, .	1.6	0