Peter Radermacher

List of Publications by Year
in descending order

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157 papers	8,759 citations	66250 44 h-index	53065 89 g-index
158 all docs	158 docs citations	158 times ranked	7157 citing authors

#	Article	IF	Citations
1	Glucocorticoids coordinate macrophage metabolism through the regulation of the tricarboxylic acid cycle. Molecular Metabolism, 2022, 57, 101424.	3.0	18
2	Systemic calcitonin gene-related peptide receptor antagonism decreases survival in a porcine model of polymicrobial sepsis: blinded randomised controlled trial. British Journal of Anaesthesia, 2022, 128, 864-873.	1.5	9
3	Human Placental Tissue Contains A Placental Lactogenâ€“Derived Vasoinhibin. Journal of the Endocrine Society, 2022, 6, bvac029.	0.1	2
4	H2S in Critical Illnessâ€”A New Horizon for Sodium Thiosulfate?. Biomolecules, 2022, 12, 543.	1.8	9
5	Effects of Sodium Thiosulfate During Resuscitation From Trauma-and-Hemorrhage in Cystathionine-Î³-Lyase Knockout Mice With Diabetes Type 1. Frontiers in Medicine, 2022, 9, 878823.	1.2	1
6	A CRHR1 antagonist prevents synaptic loss and memory deficits in a trauma-induced delirium-like syndrome. Molecular Psychiatry, 2021, 26, 3778-3794.	4.1	19
7	Metabolic monitoring via on-line analysis of ¹³C-enriched carbon dioxide in exhaled mouse breath using substrate-integrated hollow waveguide infrared spectroscopy and luminescence sensing combined with Bayesian sampling. Journal of Breath Research, 2021, 15, 026013.	1.5	5
8	Immunopathophysiology of trauma-related acute kidney injury. Nature Reviews Nephrology, 2021, 17, 91-111.	4.1	68
9	H2S as a Therapeutic Adjuvant Against COVID-19: Why and How?. Shock, 2021, 56, 865-867.	1.0	10
10	Evaluation of the gut microbiome in association with biological signatures of inflammation in murine polytrauma and shock. Scientific Reports, 2021, 11, 6665.	1.6	7
11	Target arterial PO2 according to the underlying pathology: a mini-review of the available data in mechanically ventilated patients. Annals of Intensive Care, 2021, 11, 88.	2.2	14
12	Effects of Sodium Thiosulfate During Resuscitation from Trauma-and-Hemorrhage in Cystathionine Î³-Lyase (CSE) Knockout Mice. Shock, 2021, Publish Ahead of Print, .	1.0	7
13	Biological Connection of Psychological Stress and Polytrauma under Intensive Care: The Role of Oxytocin and Hydrogen Sulfide. International Journal of Molecular Sciences, 2021, 22, 9192.	1.8	3
14	H2S and Oxytocin Systems in Early Life Stress and Cardiovascular Disease. Journal of Clinical Medicine, 2021, 10, 3484.	1.0	10
15	Localization of the hydrogen sulfide and oxytocin systems at the depth of the sulci in a porcine model of acute subdural hematoma. Neural Regeneration Research, 2021, 16, 2376.	1.6	5
16	Effects of Acute Subdural Hematoma-Induced Brain Injury On Energy Metabolism in Peripheral Blood Mononuclear Cells. Shock, 2021, 55, 407-417.	1.0	7
17	Small Extracellular Vesicles Propagate the Inflammatory Response After Trauma. Advanced Science, 2021, 8, e2102381.	5.6	12
18	Temporalâ€“spatial organ response after blastâ€induced experimental blunt abdominal trauma. FASEB Journal, 2021, 35, e22038.	0.2	6

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19	Dangers of hyperoxia. Critical Care, 2021, 25, 440.	2.5	110
20	Effects of sodium thiosulfate (Na2S2O3) during resuscitation from hemorrhagic shock in swine with preexisting atherosclerosis. Pharmacological Research, 2020, 151, 104536.	3.1	29
21	Thirty-Eight-Negative Kinase 1 Is a Mediator of Acute Kidney Injury in Experimental and Clinical Traumatic Hemorrhagic Shock. Frontiers in Immunology, 2020, 11, 2081.	2.2	11
22	Complement C3 vs C5 inhibition in severe COVID-19: Early clinical findings reveal differential biological efficacy. Clinical Immunology, 2020, 220, 108598.	1.4	191
23	Animal-Free Human Whole Blood Sepsis Model to Study Changes in Innate Immunity. Frontiers in Immunology, 2020, 11, 571992.	2.2	14
24	Editorial: Translational Insights Into Mechanisms and Therapy of Organ Dysfunction in Sepsis and Trauma. Frontiers in Immunology, 2020, 11, 1987.	2.2	4
25	Microcirculation vs. Mitochondriaâ€"What to Target?. Frontiers in Medicine, 2020, 7, 416.	1.2	7
26	The Interaction of the Endogenous Hydrogen Sulfide and Oxytocin Systems in Fluid Regulation and the Cardiovascular System. Antioxidants, 2020, 9, 748.	2.2	9
27	Severe Traumatic Brain Injury (TBI) Modulates the Kinetic Profile of the Inflammatory Response of Markers for Neuronal Damage. Journal of Clinical Medicine, 2020, 9, 1667.	1.0	16
28	Impaired Glucocorticoid Receptor Dimerization Aggravates LPS-Induced Circulatory and Pulmonary Dysfunction. Frontiers in Immunology, 2020, 10, 3152.	2.2	22
29	Hyperoxia Alters Ultrastructure and Induces Apoptosis in Leukemia Cell Lines. Biomolecules, 2020, 10, 282.	1.8	13
30	Vasopressin and its analogues in shock states: a review. Annals of Intensive Care, 2020, 10, 9.	2.2	60
31	H2S in acute lung injury: a therapeutic dead end(?). Intensive Care Medicine Experimental, 2020, 8, 33.	0.9	10
32	Preclinical septic shock research: why we need an animal ICU. Annals of Intensive Care, 2019, 9, 66.	2.2	51
33	Hyperchloremia is not associated with AKI or death in septic shock patients: results of a post hoc analysis of the â€œHYPER2Sâ€•trial. Annals of Intensive Care, 2019, 9, 95.	2.2	18
34	Cardiac Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine. Shock, 2019, 52, e52-e59.	1.0	6
35	The Mitochondria-Targeted H2S-Donor AP39 in a Murine Model of Combined Hemorrhagic Shock and Blunt Chest Trauma. Shock, 2019, 52, 230-239.	1.0	22
36	Part III: Minimum Quality Threshold in Preclinical Sepsis Studies (MQTiPSS) for Fluid Resuscitation and Antimicrobial Therapy Endpoints. Shock, 2019, 51, 33-43.	1.0	35

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37	Hyperoxie en rÃ©animation. AnesthÃ©sie & RÃ©animation, 2019, 5, 91-97.	0.1	0
38	Mediation Analysis of High Blood Pressure Targets, Arrhythmias, and Shock Mortality. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 802-805.	2.5	8
39	In-Depth Characterization of the Effects of Cigarette Smoke Exposure on the Acute Trauma Response and Hemorrhage in Mice. Shock, 2019, 51, 68-77.	1.0	18
40	The Effects of Genetic 3-Mercaptopyruvate Sulfurtransferase Deficiency in Murine Traumatic-Hemorrhagic Shock. Shock, 2019, 51, 472-478.	1.0	18
41	PKD regulates actin polymerization, neutrophil deformability, and transendothelial migration in response to fMLP and trauma. Journal of Leukocyte Biology, 2018, 104, 615-630.	1.5	11
42	Online monitoring of carbon dioxide and oxygen in exhaled mouse breath via substrate-integrated hollow waveguide Fourier-transform infrared-luminescence spectroscopy. Journal of Breath Research, 2018, 12, 036018.	1.5	7
43	Pooled analysis of higher versus lower blood pressure targets for vasopressor therapy septic and vasodilatory shock. Intensive Care Medicine, 2018, 44, 12-21.	3.9	93
44	Before the ICU: does emergency room hyperoxia affect outcome?. Critical Care, 2018, 22, 59.	2.5	5
45	Opportunities for the repurposing of PARP inhibitors for the therapy of nonâ€oncological diseases. British Journal of Pharmacology, 2018, 175, 192-222.	2.7	160
46	Hemorrhagic shock drives glycocalyx, barrier and organ dysfunction early after polytrauma. Journal of Critical Care, 2018, 44, 229-237.	1.0	89
47	Hyperoxia toxicity in septic shock patients according to the Sepsis-3 criteria: a post hoc analysis of the HYPER2S trial. Annals of Intensive Care, 2018, 8, 90.	2.2	34
48	Cystathionine-Î³-lyase expression is associated with mitochondrial respiration during sepsis-induced acute kidney injury in swine with atherosclerosis. Intensive Care Medicine Experimental, 2018, 6, 43.	0.9	15
49	Intravenous hydrogen sulfide does not induce neuroprotection after aortic balloon occlusion-induced spinal cord ischemia/reperfusion injury in a human-like porcine model of ubiquitous arteriosclerosis. Intensive Care Medicine Experimental, 2018, 6, 44.	0.9	5
50	Landiolol in patients with septic shock resident in an intensive care unit (LANDI-SEP): study protocol for a randomized controlled trial. Trials, 2018, 19, 637.	0.7	12
51	Hemodynamic support in the early phase of septic shock: a review of challenges and unanswered questions. Annals of Intensive Care, 2018, 8, 102.	2.2	31
52	The Neuroprotective Effect of Ethanol Intoxication in Traumatic Brain Injury Is Associated with the Suppression of ErbB Signaling in Parvalbumin-Positive Interneurons. Journal of Neurotrauma, 2018, 35, 2718-2735.	1.7	14
53	MAP of 65: target of the past?. Intensive Care Medicine, 2018, 44, 1551-1552.	3.9	21
54	Thirty-eight-negative kinase 1 mediates trauma-induced intestinal injury and multi-organ failure. Journal of Clinical Investigation, 2018, 128, 5056-5072.	3.9	36

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55	Hyperoxia and hypertonic saline in patients with septic shock (HYPERS2S): a two-by-two factorial, multicentre, randomised, clinical trial. Lancet Respiratory Medicine,the, 2017, 5, 180-190.	5.2	207
56	Non-Hemodynamic Effects of Catecholamines. Shock, 2017, 48, 390-400.	1.0	58
57	Complement C5a Functions as a Master Switch for the pH Balance in Neutrophils Exerting Fundamental Immunometabolic Effects. Journal of Immunology, 2017, 198, 4846-4854.	0.4	58
58	Hyperoxia or Therapeutic Hypothermia During Resuscitation from Non-Lethal Hemorrhagic Shock in Swine. Shock, 2017, 48, 564-570.	1.0	10
59	Oxygen in the Heart. Shock, 2017, 47, 531-532.	1.0	0
60	Impact of hyperglycemia on cystathionine-Î³-lyase expression during resuscitated murine septic shock. Intensive Care Medicine Experimental, 2017, 5, 30.	0.9	10
61	Cardiovascular disease and resuscitated septic shock lead to the downregulation of the H2S-producing enzyme cystathionine-Î³-lyase in the porcine coronary artery. Intensive Care Medicine Experimental, 2017, 5, 17.	0.9	28
62	Metabolic, Cardiac, and Renal Effects of the Slow Hydrogen Sulfide-Releasing Molecule GYY4137 During Resuscitated Septic Shock in Swine with Pre-Existing Coronary Artery Disease. Shock, 2017, 48, 175-184.	1.0	17
63	Effects of Hyperoxia During Resuscitation From Hemorrhagic Shock in Swine With Preexisting Coronary Artery Disease. Critical Care Medicine, 2017, 45, e1270-e1279.	0.4	23
64	Hyperoxia in Septic Shock. Critical Care Medicine, 2017, 45, 1796-1798.	0.4	1
65	Is hyperoxaemia a risk factor for ICU-acquired pneumonia? â€“ Authors' reply. Lancet Respiratory Medicine,the, 2017, 5, e17.	5.2	1
66	The Role of Cystathionine-Î³-Lyase In Blunt Chest Trauma in Cigarette Smoke Exposed Mice. Shock, 2017, 47, 491-499.	1.0	14
67	Gaseous Mediators and Mitochondrial Function: The Future of Pharmacologically Induced Suspended Animation?. Frontiers in Physiology, 2017, 8, 691.	1.3	25
68	Association of Kidney Tissue Barrier Disrupture and Renal Dysfunction in Resuscitated Murine Septic Shock. Shock, 2016, 46, 398-404.	1.0	24
69	Selepressin in Septic Shock. Critical Care Medicine, 2016, 44, 234-236.	0.4	19
70	Designing phase 3 sepsis trials: application of learned experiences from critical care trials in acute heart failure. Journal of Intensive Care, 2016, 4, 24.	1.3	38
71	Does hyperoxia enhance susceptibility to secondary pulmonary infection in the ICU?. Critical Care, 2016, 20, 239.	2.5	4
72	Effects of Hyperoxia and Mild Therapeutic Hypothermia During Resuscitation From Porcine Hemorrhagic Shock*. Critical Care Medicine, 2016, 44, e264-e277.	0.4	36

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73	Cardiac surgery, a right target for hyperoxia?. Critical Care, 2016, 20, 162.	2.5	3
74	Left ventricular function during porcine-resuscitated septic shock with pre-existing atherosclerosis. Intensive Care Medicine Experimental, 2016, 4, 14.	0.9	19
75	Norepinephrine, the Intensivist's Swiss Army Knife for Circulatory Shock?. Shock, 2016, 46, 106-107.	1.0	1
76	The molecular fingerprint of lung inflammation after blunt chest trauma. European Journal of Medical Research, 2015, 20, 70.	0.9	37
77	Blunt Chest Trauma in Mice after Cigarette Smoke-Exposure: Effects of Mechanical Ventilation with 100 % O2. PLoS ONE, 2015, 10, e0132810.	1.1	25
78	Early Detection of Junctional Adhesion Molecule-1 (JAM-1) in the Circulation after Experimental and Clinical Polytrauma. Mediators of Inflammation, 2015, 2015, 1-7.	1.4	17
79	Hyperoxia in intensive care, emergency, and peri-operative medicine: Dr. Jekyll or Mr. Hyde? A 2015 update. Annals of Intensive Care, 2015, 5, 42.	2.2	145
80	Understanding the benefits and harms of oxygen therapy. Intensive Care Medicine, 2015, 41, 1118-1121.	3.9	64
81	Optimizing mean arterial pressure in septic shock: a critical reappraisal of the literature. Critical Care, 2015, 19, 101.	2.5	129
82	A new role for an old drug: Ambroxol triggers lysosomal exocytosis via pH-dependent Ca2+ release from acidic Ca2+ stores. Cell Calcium, 2015, 58, 628-637.	1.1	46
83	Understanding the benefits and harms of oxygen therapy: response to comments by Akca. Intensive Care Medicine, 2015, 41, 1875-1875.	3.9	3
84	The Obesity Paradox Revisited. Shock, 2014, 41, 554-555.	1.0	1
85	Regulation of mitochondrial bioenergetic function by hydrogen sulfide. Part <scp>II</scp>. Pathophysiological and therapeutic aspects. British Journal of Pharmacology, 2014, 171, 2123-2146.	2.7	121
86	Is pharmacological, H2S-induced 'suspended animation' feasible in the ICU?. Critical Care, 2014, 18, 215.	2.5	20
87	High versus Low Blood-Pressure Target in Patients with Septic Shock. New England Journal of Medicine, 2014, 370, 1583-1593.	13.9	911
88	H2S during circulatory shock: Some unresolved questions. Nitric Oxide - Biology and Chemistry, 2014, 41, 48-61.	1.2	56
89	The obesity paradox and acute kidney injury: beneficial effects of hyper-inflammation?. Critical Care, 2013, 17, 1023.	2.5	19
90	Carbamylated erythropoietin-FC fusion protein and recombinant human erythropoietin during porcine kidney ischemia/reperfusion injury. Intensive Care Medicine, 2013, 39, 497-510.	3.9	34

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91	Erythropoietin attenuates cardiac dysfunction in experimental sepsis in mice via activation of the Î²-common receptor. DMM Disease Models and Mechanisms, 2013, 6, 1021-30.	1.2	49
92	A mouse is not a rat is not a man: species-specific metabolic responses to sepsis - a nail in the coffin of murine models for critical care research?. Intensive Care Medicine Experimental, 2013, 1, 26.	0.9	32
93	Effects of the PPAR-Î²/Î´ agonist GW0742 during resuscitated porcine septic shock. Intensive Care Medicine Experimental, 2013, 1, 28.	0.9	19
94	Effects of Pretreatment Hypothermia During Resuscitated Porcine Hemorrhagic Shock. Critical Care Medicine, 2013, 41, e105-e117.	0.4	21
95	Adrenomedullin binding improves catecholamine responsiveness and kidney function in resuscitated murine septic shock. Intensive Care Medicine Experimental, 2013, 1, 21.	0.9	40
96	Temperature and Cell-Type Dependency of Sulfide Effects on Mitochondrial Respiration. Shock, 2012, 38, 367-374.	1.0	26
97	Effects of intravenous sulfide during resuscitated porcine hemorrhagic shock*. Critical Care Medicine, 2012, 40, 2157-2167.	0.4	44
98	Inhaled Hydrogen Sulfide Induces Suspended Animation, But Does Not Alter the Inflammatory Response After Blunt Chest Trauma. Shock, 2012, 37, 197-204.	1.0	20
99	Erythropoietin in the critically ill: do we ask the right questions?. Critical Care, 2012, 16, 319.	2.5	12
100	Bladder tissue oxygen tension monitoring in pigs subjected to a range of cardiorespiratory and pharmacological challenges. Intensive Care Medicine, 2012, 38, 1868-1876.	3.9	22
101	Inotropes and vasopressors: more than haemodynamics!. British Journal of Pharmacology, 2012, 165, 2009-2011.	2.7	19
102	Effects of Intravenous Sulfide During Porcine Aortic Occlusion-Induced Kidney Ischemia/Reperfusion Injury. Shock, 2011, 35, 156-163.	1.0	54
103	Inflammatory Effects of Hypothermia and Inhaled H2S During Resuscitated, Hyperdynamic Murine Septic Shock. Shock, 2011, 35, 396-402.	1.0	45
104	A mouse is not a man: Should we abandon murine models in critical care research?*. Critical Care Medicine, 2011, 39, 2371-2373.	0.4	3
105	Cardiopulmonary, Histologic, and Inflammatory Effects of Intravenous Na2S After Blunt Chest Trauma-Induced Lung Contusion in Mice. Journal of Trauma, 2011, 71, 1659-1667.	2.3	26
106	Comparison of carbamylated erythropoietin-FC fusion protein and recombinant human erythropoietin during porcine aortic balloon occlusion-induced spinal cord ischemia/reperfusion injury. Intensive Care Medicine, 2011, 37, 1525-33.	3.9	36
107	Cardiac and metabolic effects of hypothermia and inhaled hydrogen sulfide in anesthetized and ventilated mice*. Critical Care Medicine, 2010, 38, 588-595.	0.4	597
108	INHIBITION OF NITRIC OXIDE SYNTHASE DURING SEPSIS. Shock, 2010, 34, 321-322.	1.0	13

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109	Hyperoxia may be beneficial. Critical Care Medicine, 2010, 38, S559-S568.	0.4	61
110	Effects of hydrogen sulfide on hemodynamics, inflammatory response and oxidative stress during resuscitated hemorrhagic shock in rats. Critical Care, 2010, 14, R165.	2.5	75
111	Pulmonary and renal protection: targeting PARP to ventilator-induced lung and kidney injury?. Critical Care, 2010, 14, 147.	2.5	3
112	Effect of SOD-1 over-expression on myocardial function during resuscitated murine septic shock. Intensive Care Medicine, 2009, 35, 344-349.	3.9	600
113	Comparison of cardiac, hepatic, and renal effects of arginine vasopressin and noradrenaline during porcine fecal peritonitis: a randomized controlled trial. Critical Care, 2009, 13, R113.	2.5	47
114	Applying gases for microcirculatory and cellular oxygenation in sepsis: effects of nitric oxide, carbon monoxide, and hydrogen sulfide. Current Opinion in Anaesthesiology, 2009, 22, 168-176.	0.9	21
115	Hemodynamic, metabolic, and organ function effects of pure oxygen ventilation during established fecal peritonitis-induced septic shock. Critical Care Medicine, 2009, 37, 2465-2469.	0.4	41
116	Preserved spontaneous breathing in acute lung injury: show me the money?. Intensive Care Medicine, 2008, 34, 397-399.	3.9	1
117	Hypertonic lactate solutions: a new horizon for fluid resuscitation?. Intensive Care Medicine, 2008, 34, 1749-1751.	3.9	4
118	HEMODYNAMIC AND METABOLIC EFFECTS OF HYDROGEN SULFIDE DURING PORCINE ISCHEMIA/REPERFUSION INJURY. Shock, 2008, 30, 359-364.	1.0	95
119	Erythropoietin during porcine aortic balloon occlusion-induced ischemia/reperfusion injury. Critical Care Medicine, 2008, 36, 2143-2150.	0.4	587
120	THE EFFECT OF SUPEROXIDE DISMUTASE OVEREXPRESSION ON HEPATIC GLUCONEOGENESIS AND WHOLE-BODY GLUCOSE OXIDATION DURING RESUSCITATED NORMOTENSIVE MURINE SEPTIC SHOCK. Shock, 2008, 30, 578-584.	1.0	15
121	Effects of ventilation with 100% oxygen during early hyperdynamic porcine fecal peritonitis*. Critical Care Medicine, 2008, 36, 495-503.	0.4	94
122	Pathophysiology of tissue acidosis in septic shock: Blocked microcirculation or impaired cellular respiration?*. Critical Care Medicine, 2008, 36, 640-642.	0.4	13
123	EFFECTS OF INTRARENAL ADMINISTRATION OF THE CALCIUM ANTAGONIST NIMODIPINE DURING PORCINE AORTIC OCCLUSION-INDUCED ISCHEMIA/REPERFUSION INJURY. Shock, 2008, 29, 717-723.	1.0	5
124	Glucose metabolism and catecholamines. Critical Care Medicine, 2007, 35, S508-S518.	0.4	259
125	Year in review in Intensive Care Medicine, 2006. I. Experimental studies. Clinical studies: brain injury, renal failure and endocrinology. Intensive Care Medicine, 2007, 33, 49-57.	3.9	10
126	Effects of aÂcantaloupe melon extract/wheat gliadin biopolymer during aortic cross-clamping. Intensive Care Medicine, 2007, 33, 694-702.	3.9	31

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127	Lactate in shock: aÂhigh-octane fuel for the heart?. Intensive Care Medicine, 2007, 33, 406-408.	3.9	19
128	The selective poly(ADP)ribose-polymerase 1 inhibitor INO1001 reduces spinal cord injury during porcine aortic cross-clamping-induced ischemia/reperfusion injury. Intensive Care Medicine, 2007, 33, 845-850.	3.9	25
129	The effect of iNOS deletion on hepatic gluconeogenesis in hyperdynamic murine septic shock. Intensive Care Medicine, 2007, 33, 1094-1101.	3.9	570
130	Total haemoglobin mass and spleen contraction: a study on competitive apnea divers, non-diving athletes and untrained control subjects. European Journal of Applied Physiology, 2007, 101, 753-759.	1.2	51
131	Catecholamines and Vasopressin During Critical Illness. Endocrinology and Metabolism Clinics of North America, 2006, 35, 839-857.	1.2	12
132	THE PARP-1 INHIBITOR INO-1001 FACILITATES HEMODYNAMIC STABILIZATION WITHOUT AFFECTING DNA REPAIR IN PORCINE THORACIC AORTIC CROSS-CLAMPING-INDUCED ISCHEMIA/REPERFUSION. Shock, 2006, 25, 633-640.	1.0	38
133	Role of inducible nitric oxide synthase in the reduced responsiveness of the myocardium to catecholamines in a hyperdynamic, murine model of septic shock*. Critical Care Medicine, 2006, 34, 307-313.	0.4	82
134	Effects of 15-deoxy-Î”12,14-prostaglandin-J2 during hyperdynamic porcine endotoxemia. Intensive Care Medicine, 2006, 32, 759-765.	3.9	10
135	The world according to poly(ADP-ribose) polymerase (PARP)â€”update 2006. Intensive Care Medicine, 2006, 32, 1470-1474.	3.9	8
136	Effects of tempol, a free radical scavenger, on long-term hyperdynamic porcine bacteremia*. Critical Care Medicine, 2005, 33, 1057-1063.	0.4	102
137	Effect of increased cardiac output on hepatic and intestinal microcirculatory blood flow, oxygenation, and metabolism in hyperdynamic murine septic shock. Critical Care Medicine, 2005, 33, 2332-2338.	0.4	96
138	Low-dose terlipressin during long-term hyperdynamic porcine endotoxemia: Effects on hepatosplanchnic perfusion, oxygen exchange, and metabolism*. Critical Care Medicine, 2005, 33, 373-380.	0.4	168
139	EFFECTS OF INTRARENAL ADMINISTRATION OF THE COX-2 INHIBITOR PARECOXIB DURING PORCINE SUPRARENAL AORTIC CROSS-CLAMPING. Shock, 2005, 24, 476-481.	1.0	15
140	Interaction of hyperbaric oxygen, nitric oxide, and heme oxygenase on DNA strand breaks in vivo. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 572, 167-172.	0.4	24
141	Inducible nitric oxide synthase inhibition improves intestinal microcirculatory oxygenation and CO2 balance during endotoxemia in pigs. Intensive Care Medicine, 2005, 31, 985-992.	3.9	66
142	Physiological and Clinical Aspects of Apnea Diving. Clinics in Chest Medicine, 2005, 26, 381-394.	0.8	38
143	Influence of an Orally Effective SOD on Hyperbaric Oxygen-related Cell Damage. Free Radical Research, 2004, 38, 927-932.	1.5	61
144	SELECTIVE INDUCIBLE NITRIC OXIDE SYNTHASE INHIBITION DURING LONG-TERM HYPERDYNAMIC PORCINE BACTEREMIA. Shock, 2004, 21, 458-465.	1.0	67

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145	Adenosine triphosphateâ€“magnesium chloride: relevance for intensive care. Intensive Care Medicine, 2003, 29, 10-18.	3.9	25
146	Clinical review: influence of vasoactive and other therapies on intestinal and hepatic circulations in patients with septic shock. Critical Care, 2003, 8, 170.	2.5	51
147	Metabolic alterations in sepsis and vasoactive drug???related metabolic effects. Current Opinion in Critical Care, 2003, 9, 271-278.	1.6	66
148	Metabolic Effects of Norepinephrine and Dobutamine in Healthy Volunteers. Shock, 2002, 18, 495-500.	1.0	37
149	Genotoxicity of hyperbaric oxygen. Mutation Research - Reviews in Mutation Research, 2002, 512, 111-119.	2.4	74
150	Measuring end products of nitric oxide in vivo. Methods in Enzymology, 2002, 359, 75-83.	0.4	18
151	Metabolic effects of vasoactive agents. Current Opinion in Anaesthesiology, 2001, 14, 157-163.	0.9	14
152	EFFECTS OF SELECTIVE iNOS INHIBITION ON GUT AND LIVER O2-EXCHANGE AND ENERGY METABOLISM DURING HYPERDYNAMIC PORCINE ENDOTOXEMIA. Shock, 2001, 16, 203-210.	1.0	26
153	Norepinephrine andNÏ‰-Monomethyl-l-arginine in Porcine Septic Shock. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 1758-1765.	2.5	50
154	Impact of exogenous beta-adrenergic receptor stimulation on hepatosplanchnic oxygen kinetics and metabolic activity in septic shock. Critical Care Medicine, 1999, 27, 325-331.	0.4	123
155	Effects of a Dobutamine-induced Increase in Splanchnic Blood Flow on Hepatic Metabolic Activity in Patients with Septic ShockÂ. Anesthesiology, 1997, 86, 818-824.	1.3	134
156	The H2S Donor Sodium Thiosulfate (Na2S2O3) Does Not Improve Inflammation and Organ Damage After Hemorrhagic Shock in Cardiovascular Healthy Swine. Frontiers in Immunology, 0, 13, .	2.2	5
157	Brain Histology and Immunohistochemistry After Resuscitation From Hemorrhagic Shock in Swine With Pre-Existing Atherosclerosis and Sodium Thiosulfate (Na2S2O3) Treatment. Frontiers in Medicine, 0, 9, .	1.2	2