

Christoph Thiemermann

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198
papers

9,900
citations

54
h-index

92
g-index

217
ext. papers

10,980
ext. citations

6
avg, IF

5.92
L-index

#	Paper	IF	Citations
198	Generation of endogenous hydrogen sulfide by cystathionine gamma-lyase limits renal ischemia/reperfusion injury and dysfunction. <i>Laboratory Investigation</i> , 2008 , 88, 1038-48	5.9	723
197	The effect of iNOS deletion on hepatic gluconeogenesis in hyperdynamic murine septic shock. <i>Intensive Care Medicine</i> , 2007 , 33, 1094-101	14.5	558
196	Inhibition of nitric oxide synthesis reduces the hypotension induced by bacterial lipopolysaccharides in the rat in vivo. <i>European Journal of Pharmacology</i> , 1990 , 182, 591-5	5.3	433
195	Nitric oxide-mediated hyporeactivity to noradrenaline precedes the induction of nitric oxide synthase in endotoxin shock. <i>British Journal of Pharmacology</i> , 1993 , 108, 786-92	8.6	332
194	Nonerythropoietic, tissue-protective peptides derived from the tertiary structure of erythropoietin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10925-30	11.5	244
193	Isothioureas: potent inhibitors of nitric oxide synthases with variable isoform selectivity. <i>British Journal of Pharmacology</i> , 1995 , 114, 510-6	8.6	223
192	Anti-apoptotic and anti-inflammatory effects of hydrogen sulfide in a rat model of regional myocardial I/R. <i>Shock</i> , 2009 , 31, 267-74	3.4	199
191	Nitrite-derived nitric oxide protects the rat kidney against ischemia/reperfusion injury in vivo: role for xanthine oxidoreductase. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 570-80	12.7	191
190	The multiple organ dysfunction syndrome caused by endotoxin in the rat: attenuation of liver dysfunction by inhibitors of nitric oxide synthase. <i>British Journal of Pharmacology</i> , 1995 , 116, 2845-51	8.6	180
189	Aminoguanidine attenuates the delayed circulatory failure and improves survival in rodent models of endotoxic shock. <i>British Journal of Pharmacology</i> , 1995 , 114, 1666-72	8.6	176
188	Role of tumour necrosis factor in the induction of nitric oxide synthase in a rat model of endotoxin shock. <i>British Journal of Pharmacology</i> , 1993 , 110, 177-82	8.6	151
187	GSK-3beta inhibitors attenuate the organ injury/dysfunction caused by endotoxemia in the rat. <i>Critical Care Medicine</i> , 2005 , 33, 1903-12	1.4	144
186	Erythropoietin attenuates the tissue injury associated with hemorrhagic shock and myocardial ischemia. <i>Shock</i> , 2004 , 22, 63-9	3.4	128
185	Oxidative stress and inflammatory response evoked by transient cerebral ischemia/reperfusion: effects of the PPAR-alpha agonist WY14643. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 579-89	7.8	126
184	Abandon the mouse research ship? Not just yet!. <i>Shock</i> , 2014 , 41, 463-75	3.4	111
183	Mediation via different receptors of the vasoconstrictor effects of endothelins and sarafotoxins in the systemic circulation and renal vasculature of the anaesthetized rat. <i>British Journal of Pharmacology</i> , 1993 , 108, 776-9	8.6	111
182	Calpain inhibitor I reduces the activation of nuclear factor-kappaB and organ injury/dysfunction in hemorrhagic shock. <i>FASEB Journal</i> , 2001 , 15, 171-186	0.9	110

181	Lipoproteins in inflammation and sepsis. I. Basic science. <i>Intensive Care Medicine</i> , 2007 , 33, 13-24	14.5	105
180	The Septic Heart: Current Understanding of Molecular Mechanisms and Clinical Implications. <i>Chest</i> , 2019 , 155, 427-437	5.3	99
179	Membrane-permeable radical scavengers (tempol) for shock, ischemia-reperfusion injury, and inflammation. <i>Critical Care Medicine</i> , 2003 , 31, S76-84	1.4	95
178	Dexamethasone ameliorates renal ischemia-reperfusion injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 2412-25	12.7	94
177	Activated Protein C Drives the Hyperfibrinolysis of Acute Traumatic Coagulopathy. <i>Anesthesiology</i> , 2017 , 126, 115-127	4.3	93
176	Recombinant human erythropoietin protects the liver from hepatic ischemia-reperfusion injury in the rat. <i>Transplant International</i> , 2006 , 19, 919-26	3	92
175	Reconstituted high-density lipoprotein attenuates organ injury and adhesion molecule expression in a rodent model of endotoxic shock. <i>Shock</i> , 2003 , 20, 551-7	3.4	88
174	Glycogen synthase kinase 3beta as a target for the therapy of shock and inflammation. <i>Shock</i> , 2007 , 27, 113-23	3.4	87
173	Attenuation of endotoxin-induced multiple organ dysfunction by 1-amino-2-hydroxy-guanidine, a potent inhibitor of inducible nitric oxide synthase. <i>British Journal of Pharmacology</i> , 1996 , 118, 261-70	8.6	85
172	Nonredundant protective properties of FPR2/ALX in polymicrobial murine sepsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18685-90	11.5	83
171	The involvement of endothelium-derived relaxing factor in the regulation of renal cortical blood flow in the rat. <i>British Journal of Pharmacology</i> , 1991 , 102, 967-73	8.6	83
170	Minimum Quality Threshold in Pre-Clinical Sepsis Studies (MQTiPSS): An International Expert Consensus Initiative for Improvement of Animal Modeling in Sepsis. <i>Shock</i> , 2018 , 50, 377-380	3.4	82
169	Reduction of experimental colitis in the rat by inhibitors of glycogen synthase kinase-3beta. <i>British Journal of Pharmacology</i> , 2006 , 147, 575-82	8.6	80
168	Role of nitric oxide in the circulatory failure and organ injury in a rodent model of gram-positive shock. <i>British Journal of Pharmacology</i> , 1996 , 119, 1411-21	8.6	80
167	High density lipoproteins reduce organ injury and organ dysfunction in a rat model of hemorrhagic shock. <i>FASEB Journal</i> , 2001 , 15, 1941-52	0.9	78
166	Glycogen synthase kinase-3beta inhibition attenuates asthma in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 431-8	10.2	77
165	Pioglitazone improves lipid and insulin levels in overweight rats on a high cholesterol and fructose diet by decreasing hepatic inflammation. <i>British Journal of Pharmacology</i> , 2010 , 160, 1892-902	8.6	76
164	Glycogen synthase kinase-3beta inhibition attenuates the degree of arthritis caused by type II collagen in the mouse. <i>Clinical Immunology</i> , 2006 , 120, 57-67	9	76

163	The challenge of translating ischemic conditioning from animal models to humans: the role of comorbidities. <i>DMM Disease Models and Mechanisms</i> , 2014 , 7, 1321-33	4.1	74
162	Analysis of the signal transduction in the induction of nitric oxide synthase by lipoteichoic acid in macrophages. <i>British Journal of Pharmacology</i> , 1996 , 117, 1163-70	8.6	73
161	Role of inducible nitric oxide synthase in the reduced responsiveness of the myocardium to catecholamines in a hyperdynamic, murine model of septic shock. <i>Critical Care Medicine</i> , 2006 , 34, 307-13	1.4	72
160	Insulin reduces cerebral ischemia/reperfusion injury in the hippocampus of diabetic rats: a role for glycogen synthase kinase-3beta. <i>Diabetes</i> , 2009 , 58, 235-42	0.9	69
159	Insulin reduces the multiple organ injury and dysfunction caused by coadministration of lipopolysaccharide and peptidoglycan independently of blood glucose: role of glycogen synthase kinase-3beta inhibition. <i>Critical Care Medicine</i> , 2006 , 34, 1489-96	1.4	68
158	TLR9 mediates cellular protection by modulating energy metabolism in cardiomyocytes and neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 5109-14	11.5	64
157	Intrarenal haemodynamics and renal dysfunction in endotoxaemia: effects of nitric oxide synthase inhibition. <i>British Journal of Pharmacology</i> , 1997 , 121, 1824-30	8.6	63
156	Incomplete inhibition of the pressor effects of endothelin-1 and related peptides in the anaesthetized rat with BQ-123 provides evidence for more than one vasoconstrictor receptor. <i>British Journal of Pharmacology</i> , 1993 , 108, 557-61	8.6	63
155	Protective role of peroxisome proliferator-activated receptor- γ in septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 1506-15	10.2	62
154	Reduction of renal ischemia-reperfusion injury in 5-lipoxygenase knockout mice and by the 5-lipoxygenase inhibitor zileuton. <i>Molecular Pharmacology</i> , 2004 , 66, 220-7	4.3	62
153	Erythropoietin attenuates acute kidney dysfunction in murine experimental sepsis by activation of the common receptor. <i>Kidney International</i> , 2013 , 84, 482-90	9.9	61
152	PPARs as new therapeutic targets for the treatment of cerebral ischemia/reperfusion injury. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2008 , 2, 179-97	3.4	61
151	Inhibition by spermine of the induction of nitric oxide synthase in J774.2 macrophages: requirement of a serum factor. <i>British Journal of Pharmacology</i> , 1994 , 112, 355-6	8.6	61
150	Glycogen synthase kinase-3 beta inhibition reduces secondary damage in experimental spinal cord trauma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 318, 79-89	4.7	59
149	Flipping the molecular switch for innate protection and repair of tissues: Long-lasting effects of a non-erythropoietic small peptide engineered from erythropoietin. <i>Pharmacology & Therapeutics</i> , 2015 , 151, 32-40	13.9	57
148	Characterisation of cystathionine gamma-lyase/hydrogen sulphide pathway in ischaemia/reperfusion injury of the mouse kidney: an in vivo study. <i>European Journal of Pharmacology</i> , 2009 , 606, 205-9	5.3	57
147	Role of Metabolic Endotoxemia in Systemic Inflammation and Potential Interventions. <i>Frontiers in Immunology</i> , 2020 , 11, 594150	8.4	57
146	Free radical scavenging inhibits STAT phosphorylation following in vivo ischemia/reperfusion injury. <i>FASEB Journal</i> , 2006 , 20, 2115-7	0.9	56

145	Treatment with the glycogen synthase kinase-3beta inhibitor, TDZD-8, affects transient cerebral ischemia/reperfusion injury in the rat hippocampus. <i>Shock</i> , 2008 , 30, 299-307	3.4	55
144	Alterations in inflammatory capacity and TLR expression on monocytes and neutrophils after cardiopulmonary bypass. <i>Shock</i> , 2007 , 27, 466-73	3.4	53
143	Glycogen synthase kinase-3beta inhibition attenuates the development of ischaemia/reperfusion injury of the gut. <i>Intensive Care Medicine</i> , 2007 , 33, 880-893	14.5	52
142	Glycogen synthase kinase-3beta inhibitors protect against the organ injury and dysfunction caused by hemorrhage and resuscitation. <i>Shock</i> , 2006 , 25, 485-91	3.4	52
141	Delayed circulatory failure due to the induction of nitric oxide synthase by lipoteichoic acid from <i>Staphylococcus aureus</i> in anaesthetized rats. <i>British Journal of Pharmacology</i> , 1995 , 114, 1317-23	8.6	50
140	Inhibition of IB kinase reduces the multiple organ dysfunction caused by sepsis in the mouse. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 1031-42	4.1	49
139	Junctional adhesion molecule-C mediates leukocyte infiltration in response to ischemia reperfusion injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1509-15	9.4	49
138	Selective NOD1 agonists cause shock and organ injury/dysfunction in vivo. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 595-603	10.2	49
137	Glibenclamide-induced inhibition of the expression of inducible nitric oxide synthase in cultured macrophages and in the anaesthetized rat. <i>British Journal of Pharmacology</i> , 1995 , 114, 1273-81	8.6	47
136	The mechanism of the inhibitory effect of polyamines on the induction of nitric oxide synthase: role of aldehyde metabolites. <i>British Journal of Pharmacology</i> , 1994 , 113, 757-66	8.6	47
135	The cardioprotective effects of preconditioning with endotoxin, but not ischemia, are abolished by a peroxisome proliferator-activated receptor-gamma antagonist. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 313, 896-901	4.7	46
134	Refinement of animal models of sepsis and septic shock. <i>Shock</i> , 2015 , 43, 304-16	3.4	45
133	The effects of the endothelin ETA receptor antagonist, FR 139317, on infarct size in a rabbit model of acute myocardial ischaemia and reperfusion. <i>British Journal of Pharmacology</i> , 1994 , 112, 75-80	8.6	45
132	Effects of the endothelin receptor antagonist, SB 209670, on circulatory failure and organ injury in endotoxic shock in the anaesthetized rat. <i>British Journal of Pharmacology</i> , 1996 , 118, 198-204	8.6	44
131	Scavenging Circulating Mitochondrial DNA as a Potential Therapeutic Option for Multiple Organ Dysfunction in Trauma Hemorrhage. <i>Frontiers in Immunology</i> , 2018 , 9, 891	8.4	43
130	Enhanced IL-17 signalling following myocardial ischaemia/reperfusion injury. <i>International Journal of Cardiology</i> , 2013 , 163, 326-334	3.2	43
129	Ischemic conditioning protects the uremic heart in a rodent model of myocardial infarction. <i>Circulation</i> , 2012 , 125, 1256-65	16.7	43
128	The contribution of tumour necrosis factor-alpha and endothelin-1 to the increase of coronary resistance in hearts from rats treated with endotoxin. <i>British Journal of Pharmacology</i> , 1995 , 116, 3309-15	8.6	43

127	Erythropoietin attenuates cardiac dysfunction in experimental sepsis in mice via activation of the Eo common receptor. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 1021-30	4.1	42
126	Activation of peroxisome proliferator-activated receptor-beta/delta attenuates myocardial ischemia/reperfusion injury in the rat. <i>Shock</i> , 2010 , 34, 117-24	3.4	42
125	Imidazoquinolinone, imidazopyridine, and isoquinolindione derivatives as novel and potent inhibitors of the poly(ADP-ribose) polymerase (PARP): a comparison with standard PARP inhibitors. <i>Molecular Pharmacology</i> , 2008 , 74, 1587-98	4.3	42
124	Lysophosphatidylcholine reduces the organ injury and dysfunction in rodent models of gram-negative and gram-positive shock. <i>British Journal of Pharmacology</i> , 2006 , 148, 769-77	8.6	41
123	Effects of nitric oxide synthase inhibition combined with nitric oxide inhalation in a porcine model of endotoxin shock. <i>British Journal of Pharmacology</i> , 1995 , 114, 363-8	8.6	41
122	Defibrotide reduces infarct size in a rabbit model of experimental myocardial ischaemia and reperfusion. <i>British Journal of Pharmacology</i> , 1989 , 97, 401-8	8.6	41
121	Peroxisome proliferator-activated receptor β agonism protects the kidney against ischemia/reperfusion injury in diabetic rats. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 345-53	7.8	40
120	Endothelin-1 inhibits platelet aggregation in vivo: a study with 111indium-labelled platelets. <i>British Journal of Pharmacology</i> , 1990 , 99, 303-8	8.6	40
119	Minimum quality threshold in pre-clinical sepsis studies (MQTiPSS): an international expert consensus initiative for improvement of animal modeling in sepsis. <i>Intensive Care Medicine Experimental</i> , 2018 , 6, 26	3.7	39
118	Liver X receptor is a key regulator of cytokine release in human monocytes. <i>Shock</i> , 2008 , 29, 468-74	3.4	39
117	The MEK Inhibitor Trametinib Ameliorates Kidney Fibrosis by Suppressing ERK1/2 and mTORC1 Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 33-49	12.7	39
116	Reversal of the deleterious effects of chronic dietary HFCS-55 intake by PPAR β agonism correlates with impaired NLRP3 inflammasome activation. <i>Biochemical Pharmacology</i> , 2013 , 85, 257-64	6	38
115	Evidence for the role of peroxisome proliferator-activated receptor-beta/delta in the development of spinal cord injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 333, 465-77	4.7	38
114	The selective PPAR γ antagonist GW9662 reverses the protection of LPS in a model of renal ischemia-reperfusion. <i>Kidney International</i> , 2005 , 68, 529-36	9.9	38
113	Erythropoietin reduces the development of nonseptic shock induced by zymosan in mice. <i>Critical Care Medicine</i> , 2006 , 34, 1168-77	1.4	37
112	Annexin A1 attenuates microvascular complications through restoration of Akt signalling in a murine model of type 1 diabetes. <i>Diabetologia</i> , 2018 , 61, 482-495	10.3	37
111	IK Kinase Inhibitor Attenuates Sepsis-Induced Cardiac Dysfunction in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 94-105	12.7	36
110	Targeting the NLRP3 Inflammasome to Reduce Diet-Induced Metabolic Abnormalities in Mice. <i>Molecular Medicine</i> , 2016 , 21, 1025-1037	6.2	36

109	Peroxisome proliferator-activated receptor-alpha contributes to the resolution of inflammation after renal ischemia/reperfusion injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 328, 635-43	4.7	35
108	Liver X receptor agonist GW3965 dose-dependently regulates lps-mediated liver injury and modulates posttranscriptional TNF-alpha production and p38 mitogen-activated protein kinase activation in liver macrophages. <i>Shock</i> , 2009 , 32, 548-53	3.4	35
107	Reduction by prostaglandin E1 or prostaglandin E0 of myocardial infarct size in the rabbit by activation of ATP-sensitive potassium channels. <i>British Journal of Pharmacology</i> , 1995 , 116, 2435-40	8.6	35
106	Effect of selective blockade of endothelin ETB receptors on the liver dysfunction and injury caused by endotoxaemia in the rat. <i>British Journal of Pharmacology</i> , 1996 , 119, 479-86	8.6	35
105	Elevation of serum sphingosine-1-phosphate attenuates impaired cardiac function in experimental sepsis. <i>Scientific Reports</i> , 2016 , 6, 27594	4.9	35
104	The role of cyclooxygenase-2 in the rodent kidney following ischaemia/reperfusion injury in vivo. <i>European Journal of Pharmacology</i> , 2007 , 562, 148-54	5.3	34
103	Part I: Minimum Quality Threshold in Preclinical Sepsis Studies (MQTiPSS) for Study Design and Humane Modeling Endpoints. <i>Shock</i> , 2019 , 51, 10-22	3.4	33
102	Annexin-A1: Therapeutic Potential in Microvascular Disease. <i>Frontiers in Immunology</i> , 2019 , 10, 938	8.4	31
101	New targets of urocortin-mediated cardioprotection. <i>Journal of Molecular Endocrinology</i> , 2010 , 45, 69-85	4.5	30
100	Endotoxin induces a second window of protection in the rat heart as determined by using p-nitro-blue tetrazolium staining, cardiac troponin T release, and histology. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 2276-80	9.4	30
99	Delayed administration of pyroglutamate helix B surface peptide (pHBSP), a novel nonerythropoietic analog of erythropoietin, attenuates acute kidney injury. <i>Molecular Medicine</i> , 2012 , 18, 719-27	6.2	28
98	Pharmacological preconditioning with erythropoietin attenuates the organ injury and dysfunction induced in a rat model of hemorrhagic shock. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 701-9	4.1	28
97	Acute protective effects of simvastatin in the rat model of renal ischemia-reperfusion injury: it is never too late for the pretreatment. <i>Journal of Pharmacological Sciences</i> , 2008 , 107, 465-70	3.7	28
96	Artesunate Protects Against the Organ Injury and Dysfunction Induced by Severe Hemorrhage and Resuscitation. <i>Annals of Surgery</i> , 2017 , 265, 408-417	7.8	27
95	GW0742, a high-affinity PPAR -beta/delta agonist, inhibits acute lung injury in mice. <i>Shock</i> , 2010 , 33, 426-34	3.5	27
94	Glycogen synthase kinase 3beta inhibition reduces the development of nonseptic shock induced by zymosan in mice. <i>Shock</i> , 2007 , 27, 97-107	3.4	27
93	Inhibition of IB Kinase Attenuates the Organ Injury and Dysfunction Associated with Hemorrhagic Shock. <i>Molecular Medicine</i> , 2015 , 21, 563-75	6.2	26
92	Mediation of endothelin-1-induced inhibition of platelet aggregation via the ETB receptor. <i>British Journal of Pharmacology</i> , 1993 , 109, 530-4	8.6	26

91	Novel applications of recombinant erythropoietin. <i>Current Opinion in Pharmacology</i> , 2006 , 6, 184-9	5.1	25
90	The synthetic antimicrobial peptide 19-2.5 attenuates septic cardiomyopathy and prevents down-regulation of SERCA2 in polymicrobial sepsis. <i>Scientific Reports</i> , 2016 , 6, 37277	4.9	25
89	A nonerythropoietic peptide that mimics the 3D structure of erythropoietin reduces organ injury/dysfunction and inflammation in experimental hemorrhagic shock. <i>Molecular Medicine</i> , 2011 , 17, 883-92	6.2	24
88	Peroxisome proliferator-activated receptor-gamma antagonists GW9662 and T0070907 reduce the protective effects of lipopolysaccharide preconditioning against organ failure caused by endotoxemia. <i>Critical Care Medicine</i> , 2006 , 34, 1131-8	1.4	24
87	Gender dimorphism of the cardiac dysfunction in murine sepsis: signalling mechanisms and age-dependency. <i>PLoS ONE</i> , 2014 , 9, e100631	3.7	24
86	Elevated hepatic 11 β hydroxysteroid dehydrogenase type 1 induces insulin resistance in uremia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 3817-22	11.5	23
85	Identification of AnnexinA1 as an Endogenous Regulator of RhoA, and Its Role in the Pathophysiology and Experimental Therapy of Type-2 Diabetes. <i>Frontiers in Immunology</i> , 2019 , 10, 571	8.4	22
84	Inhibition by N-acetyl-5-hydroxytryptamine of nitric oxide synthase expression in cultured cells and in the anaesthetized rat. <i>British Journal of Pharmacology</i> , 1995 , 115, 1175-81	8.6	22
83	Linagliptin Attenuates the Cardiac Dysfunction Associated With Experimental Sepsis in Mice With Pre-existing Type 2 Diabetes by Inhibiting NF- κ B. <i>Frontiers in Immunology</i> , 2018 , 9, 2996	8.4	22
82	A non-erythropoietic peptide derivative of erythropoietin decreases susceptibility to diet-induced insulin resistance in mice. <i>British Journal of Pharmacology</i> , 2014 , 171, 5802-15	8.6	21
81	Erythropoietin in the intensive care unit: beyond treatment of anemia. <i>Annals of Intensive Care</i> , 2011 , 1, 40	8.9	21
80	Lysophosphatidic acid reduces the organ injury caused by endotoxemia-a role for G-protein-coupled receptors and peroxisome proliferator-activated receptor-gamma. <i>Shock</i> , 2007 , 27, 48-54	3.4	21
79	Inhibition of Bruton's TK regulates macrophage NF- κ B and NLRP3 inflammasome activation in metabolic inflammation. <i>British Journal of Pharmacology</i> , 2020 , 177, 4416-4432	8.6	20
78	Sepsis-3 on the Block: What Does It Mean for Preclinical Sepsis Modeling?. <i>Shock</i> , 2017 , 47, 658-660	3.4	19
77	Quantification of microcirculatory blood flow: a sensitive and clinically relevant prognostic marker in murine models of sepsis. <i>Journal of Applied Physiology</i> , 2015 , 118, 344-54	3.7	19
76	Role for intracellular platelet-activating factor in the circulatory failure in a model of gram-positive shock. <i>British Journal of Pharmacology</i> , 1995 , 116, 3191-8	8.6	19
75	The hidden role of NLRP3 inflammasome in obesity-related COVID-19 exacerbations: Lessons for drug repurposing. <i>British Journal of Pharmacology</i> , 2020 , 177, 4921-4930	8.6	19
74	Inhibition of I κ B Kinase at 24 Hours After Acute Kidney Injury Improves Recovery of Renal Function and Attenuates Fibrosis. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	18

73	Role of PPAR-delta in the development of zymosan-induced multiple organ failure: an experiment mice study. <i>Journal of Inflammation</i> , 2010 , 7, 12	6.7	18
72	Sphingosylphosphorylcholine reduces the organ injury/dysfunction and inflammation caused by endotoxemia in the rat. <i>Critical Care Medicine</i> , 2008 , 36, 550-9	1.4	18
71	Bruton's Tyrosine Kinase Inhibition Attenuates the Cardiac Dysfunction Caused by Cecal Ligation and Puncture in Mice. <i>Frontiers in Immunology</i> , 2019 , 10, 2129	8.4	17
70	Sex-specific regulation of chemokine Cxcl5/6 controls neutrophil recruitment and tissue injury in acute inflammatory states. <i>Biology of Sex Differences</i> , 2015 , 6, 27	9.3	17
69	Endothelin-1-induced reduction of myocardial infarct size by activation of ATP-sensitive potassium channels in a rabbit model of myocardial ischaemia and reperfusion. <i>British Journal of Pharmacology</i> , 1995 , 116, 2597-602	8.6	17
68	Effects of the PPAR- β agonist GW0742 during resuscitated porcine septic shock. <i>Intensive Care Medicine Experimental</i> , 2013 , 1, 28	3.7	16
67	Activation of cytokine synthesis by systemic infusions of lipopolysaccharide and peptidoglycan in a porcine model in vivo and in vitro. <i>Surgical Infections</i> , 2007 , 8, 495-503	2	16
66	Modeling Acute Traumatic Hemorrhagic Shock Injury: Challenges and Guidelines for Preclinical Studies. <i>Shock</i> , 2017 , 48, 610-623	3.4	16
65	Dopexamine can attenuate the inflammatory response and protect against organ injury in the absence of significant effects on hemodynamics or regional microvascular flow. <i>Critical Care</i> , 2013 , 17, R57	10.8	15
64	Bench-to-bedside review: Erythropoietin and its derivatives as therapies in critical care. <i>Critical Care</i> , 2012 , 16, 229	10.8	15
63	Models of coronary artery occlusion and reperfusion for the discovery of novel antiischemic and antiinflammatory drugs for the heart. <i>Methods in Molecular Biology</i> , 2003 , 225, 199-208	1.4	15
62	Sulprostone-induced reduction of myocardial infarct size in the rabbit by activation of ATP-sensitive potassium channels. <i>British Journal of Pharmacology</i> , 1996 , 118, 1409-14	8.6	15
61	NG-hydroxy-L-arginine prevents the haemodynamic effects of nitric oxide synthesis inhibition in the anaesthetized rat. <i>British Journal of Pharmacology</i> , 1992 , 107, 476-80	8.6	15
60	The effects of endothelium-dependent vasodilators on cardiac output and their distribution in the anaesthetized rat: a comparison with sodium nitroprusside. <i>British Journal of Pharmacology</i> , 1988 , 95, 986-92	8.6	15
59	Senescence and the Aging Immune System as Major Drivers of Chronic Kidney Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 564461	5.7	15
58	Neutrophil elastase plays a non-redundant role in remodeling the venular basement membrane and neutrophil diapedesis post-ischemia/reperfusion injury. <i>Journal of Pathology</i> , 2019 , 248, 88-102	9.4	14
57	Minimum Quality Threshold in Pre-Clinical Sepsis Studies (MQTiPSS): an international expert consensus initiative for improvement of animal modeling in sepsis. <i>Infection</i> , 2018 , 46, 687-691	5.8	13
56	Novel Synthetic, Host-defense Peptide Protects Against Organ Injury/Dysfunction in a Rat Model of Severe Hemorrhagic Shock. <i>Annals of Surgery</i> , 2018 , 268, 348-356	7.8	12

55	Muramyl dipeptide enhances the response to endotoxin to cause multiple organ injury in the anesthetized rat. <i>Shock</i> , 2008 , 29, 388-94	3.4	12
54	A novel model of reno-cardiac syndrome in the C57BL/6 mouse strain. <i>BMC Nephrology</i> , 2018 , 19, 346	2.7	12
53	Erythropoietin preserves the integrity and quality of organs for transplantation after cardiac death. <i>Shock</i> , 2011 , 35, 126-33	3.4	11
52	Recombinant human erythropoietin prevents lipopolysaccharide-induced vascular hyporeactivity in the rat. <i>Shock</i> , 2009 , 31, 529-34	3.4	11
51	Beneficial effects of erythropoietin in preclinical models of shock and organ failure. <i>Critical Care</i> , 2007 , 11, 132	10.8	11
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