

Christian Lehmann

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

4,034
citations

212478

28
h-index

169272

56
g-index

214
all docs

214
docs citations

214
times ranked

4200
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial glycocalyx damage in patients with severe COVID-19 on mechanical ventilation â€” A prospective observational pilot study. <i>Clinical Hemorheology and Microcirculation</i> , 2022, 81, 205-219.	0.9	11
2	Intravital Widefield Fluorescence Microscopy of Pulmonary Microcirculation in Experimental Acute Lung Injury using a Vacuum-Stabilized Imaging System. <i>Journal of Visualized Experiments</i> , 2022, , .	0.2	3
3	Assessing the impact of predatory journals on policy and guidance documents: a cross-sectional study protocol. <i>BMJ Open</i> , 2022, 12, e059445.	0.8	5
4	Components of the Endogenous Cannabinoid System as Potential Biomarkers for Interstitial Cystitis/Bladder Pain Syndrome. <i>Diagnostics</i> , 2022, 12, 19.	1.3	3
5	The Endocannabinoid System: A Potential Therapeutic Target for Coagulopathies. <i>Metabolites</i> , 2022, 12, 541.	1.3	3
6	Anti-Inflammatory Effects of the Iron Chelator, DIBI, in Experimental Acute Lung Injury. <i>Molecules</i> , 2022, 27, 4036.	1.7	2
7	Iron Overload and Breast Cancer: Iron Chelation as a Potential Therapeutic Approach. <i>Life</i> , 2022, 12, 963.	1.1	4
8	Iron Chelation in Local Infection. <i>Molecules</i> , 2021, 26, 189.	1.7	18
9	Exploiting the Achillesâ€™ Heel of Iron Dependence in Antibiotic Resistant Bacteria with New Antimicrobial Iron Withdrawal Agents. <i>Sustainable Agriculture Reviews</i> , 2021, , 251-311.	0.6	3
10	Comparison of Treatment Effects of Different Iron Chelators in Experimental Models of Sepsis. <i>Life</i> , 2021, 11, 57.	1.1	14
11	Cannabinoid Receptor 1 and 2 Signaling Pathways Involved in Sepsis. <i>Shock</i> , 2021, 56, 673-681.	1.0	3
12	DIBI, a novel polymeric iron chelator modulates IL-6 and IL-8 secretion from Cystic Fibrosis airway epithelial cells in response to endotoxin induction. <i>Journal of Cellular Biotechnology</i> , 2021, 6, 161-170.	0.1	1
13	National Preclinical Sepsis Platform: developing a framework for accelerating innovation in Canadian sepsis research. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 14.	0.9	5
14	Iron-withdrawing anti-infectives for new host-directed therapies based on iron dependence, the Achillesâ€™ heel of antibiotic-resistant microbes. <i>Environmental Chemistry Letters</i> , 2021, 19, 2789-2808.	8.3	9
15	A.L. Copley Best Paper Prize 2020. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 77, 245-246.	0.9	0
16	Sensitivity Patterns of Bacterial Pathogens Isolated from Blood Cultures of Under-Five Children with Pneumonia and Clinical Sepsis. <i>Life</i> , 2021, 11, 450.	1.1	1
17	The use of the Fluid IV Alert monitor to decrease the incidence of undetected empty intravenous bags in dimmed operating rooms. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 1266-1267.	0.7	2
18	Cannabinoid Therapy in Female Pelvic Medicine and Reconstructive Surgery: Current Evidence and Future Directions. <i>Current Bladder Dysfunction Reports</i> , 2021, 16, 64-73.	0.2	0

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19	Effects of CNS Injury-Induced Immunosuppression on Pulmonary Immunity. <i>Life</i> , 2021, 11, 576.	1.1	1
20	Real-Time Imaging of Immune Modulation by Cannabinoids Using Intravital Fluorescence Microscopy. <i>Cannabis and Cannabinoid Research</i> , 2021, 6, 221-232.	1.5	2
21	A porcine model of endothelial glycocalyx damage by enzymatic digestion: A pilot study. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 78, 325-338.	0.9	2
22	Rodent models of ketamine-induced cystitis. <i>Neurourology and Urodynamics</i> , 2021, 40, 1704-1719.	0.8	7
23	Effect of Cannabinoid 2 Receptor Modulation on the Peripheral Immune Response in Central Nervous System Injury-Induced Immunodeficiency Syndrome. <i>Cannabis and Cannabinoid Research</i> , 2021, 6, 327-339.	1.5	2
24	Utility of intestinal intravital microscopy for the study of CNS injury-induced immunodepression syndrome (CIDS). <i>Clinical Hemorheology and Microcirculation</i> , 2021, 79, 1-11.	0.9	2
25	Clinical features of pneumonia in severely malnourished children with diarrhoea compared to those without diarrhoea. <i>Frontiers in Bioscience</i> , 2021, 26, 717.	0.8	0
26	Anti-inflammatory iron chelator, DIBI, reduces leukocyte-endothelial adhesion and clinical symptoms of LPS-induced interstitial cystitis in mice. <i>Clinical Hemorheology and Microcirculation</i> , 2021, 79, 395-406.	0.9	3
27	Challenges for microcirculation research in developing countries. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 73, 599-607.	0.9	1
28	The curative effect of a cannabinoid 2 receptor agonist on functional failure and disruptive inflammation caused by intestinal ischemia and reperfusion. <i>Fundamental and Clinical Pharmacology</i> , 2020, 34, 77-79.	1.0	0
29	Imaging of the Intestinal Microcirculation during Acute and Chronic Inflammation. <i>Biology</i> , 2020, 9, 418.	1.3	6
30	Personal protective equipment during the COVID-19 pandemic (Letter #2). <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1649-1650.	0.7	4
31	A.L. Copley Best Paper Prize 2019. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 75, 1-2.	0.9	14
32	Iron Chelation in Murine Models of Systemic Inflammation Induced by Gram-Positive and Gram-Negative Toxins. <i>Antibiotics</i> , 2020, 9, 283.	1.5	12
33	Intravital Imaging of Pulmonary Immune Response in Inflammation and Infection. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 620471.	1.8	8
34	Molecular mechanisms by which iNOS uncoupling can induce cardiovascular dysfunction during sepsis: Role of posttranslational modifications (PTMs). <i>Life Sciences</i> , 2020, 255, 117821.	2.0	15
35	Iron should be restricted in acute infection. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 673-682.	3.0	6
36	The novel iron chelator, DIBI, attenuates inflammation and improves outcome in colon ascendens stent peritonitis-induced experimental sepsis. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 76, 241-261.	0.9	7

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37	A.L. Copley Best Paper Prize 2018. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 72, 117-118.	0.9	0
38	Effect of short-term administration of lipid emulsion on endothelial glycocalyx integrity in ICU patients – A microvascular and biochemical pilot study. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 73, 329-339.	0.9	5
39	Microcirculatory Changes in Experimental Models of Stroke and CNS-Injury Induced Immunodepression. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5184.	1.8	12
40	Inflammatory Response to Different Toxins in Experimental Sepsis Models. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4341.	1.8	138
41	Monoacylglycerol lipase inhibition as potential treatment for interstitial cystitis. <i>Medical Hypotheses</i> , 2019, 131, 109321.	0.8	2
42	Selective Cannabinoid 2 Receptor Agonists as Potential Therapeutic Drugs for the Treatment of Endotoxin-Induced Uveitis. <i>Molecules</i> , 2019, 24, 3338.	1.7	11
43	Iron Chelation as Novel Treatment for Interstitial Cystitis. <i>Pharmacology</i> , 2019, 103, 159-162.	0.9	3
44	ATP in red blood cells as biomarker for sepsis in humans. <i>Medical Hypotheses</i> , 2019, 124, 84-86.	0.8	7
45	Modulation of the Endocannabinoid System Following Central Nervous System Injury. <i>International Journal of Molecular Sciences</i> , 2019, 20, 388.	1.8	14
46	Bacterial Resistance in Pneumonia in Developing Countries – A Role for Iron Chelation. <i>Tropical Medicine and Infectious Disease</i> , 2019, 4, 59.	0.9	2
47	Experimental Cannabinoid 2 Receptor Activation by Phyto-Derived and Synthetic Cannabinoid Ligands in LPS-Induced Interstitial Cystitis in Mice. <i>Molecules</i> , 2019, 24, 4239.	1.7	22
48	Evaluation of endothelial glycocalyx in healthy volunteers – An observational study. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 75, 1-9.	0.9	8
49	Endothelial glycocalyx in acute care surgery – what anaesthesiologists need to know for clinical practice. <i>BMC Anesthesiology</i> , 2019, 19, 238.	0.7	29
50	Evaluation of a generic patient education program in children with different chronic conditions. <i>Health Education Research</i> , 2019, 34, 50-61.	1.0	12
51	Neuraxial anesthesia is less harmful to the endothelial glycocalyx during elective joint surgery compared to general anesthesia. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 72, 11-21.	0.9	10
52	Laser Doppler-based measurements of periarticular blood flux can be utilized for assessment of arthritis pain: A hypothesis. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 171-174.	0.9	0
53	Rapid clinical assessment of the sublingual microcirculation - Visual scoring using microVAS in comparison to standard semi-automated analysis. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 72, 229-238.	0.9	8
54	Inhibition of GPR 55 improves dysregulated immune response in experimental sepsis. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 70, 553-561.	0.9	9

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55	Clinical assessment of arthritic knee pain by infrared thermography. Journal of Basic and Clinical Physiology and Pharmacology, 2019, 30, .	0.7	16
56	Effect of acute hypernatremia induced by hypertonic saline administration on endothelial glycocalyx in rabbits. Clinical Hemorheology and Microcirculation, 2019, 72, 107-116.	0.9	7
57	Possible Impact of Spinal Anesthesia and Phenylephrine on Sublingual Microcirculation of Cesarean Delivery Patients. Journal of Clinical Medicine Research, 2019, 11, 543-549.	0.6	3
58	Clinical relevance of early sublingual microcirculation monitoring in septic shock patients. Clinical Hemorheology and Microcirculation, 2018, 68, 347-359.	0.9	7
59	Betacaryophyllene " A phytocannabinoid as potential therapeutic modality for human sepsis?. Medical Hypotheses, 2018, 110, 68-70.	0.8	8
60	Impact of Intravenous Fluid Challenge Infusion Time on Macrocirculation and Endothelial Glycocalyx in Surgical and Critically Ill Patients. BioMed Research International, 2018, 2018, 1-11.	0.9	23
61	Selective sensitivity of the gut microbiome to iron chelators in polybacterial abdominal sepsis. Medical Hypotheses, 2018, 120, 68-71.	0.8	2
62	Impact of insulin on the intestinal microcirculation in a model of sepsis-related hyperglycemia. Microvascular Research, 2018, 119, 117-128.	1.1	5
63	Immune response to systemic inflammation in the intestinal microcirculation. Frontiers in Bioscience - Landmark, 2018, 23, 782-795.	3.0	11
64	The Ongoing Challenge of Acute Mesenteric Ischemia. Visceral Medicine, 2018, 34, 215-221.	0.5	73
65	DIBI, a polymeric hydroxypyridinone iron chelator, reduces ocular inflammation in local and systemic endotoxin-induced uveitis. Clinical Hemorheology and Microcirculation, 2018, 69, 153-164.	0.9	14
66	A.L. Copley Best Paper Prize 2017. Clinical Hemorheology and Microcirculation, 2018, 68, 333-334.	0.9	0
67	Impact of lipid modulation on the intestinal microcirculation in experimental sepsis. Microvascular Research, 2018, 120, 41-46.	1.1	4
68	Sidestream Dark Field Imaging of the Microcirculation to Assess Preeclampsia Microvascular Dysfunction. Journal of Clinical Medicine Research, 2018, 10, 391-395.	0.6	6
69	Evaluation of iris functional capillary density in experimental local and systemic inflammation. Journal of Microscopy, 2017, 266, 55-59.	0.8	4
70	Iron chelation for the treatment of uveitis. Medical Hypotheses, 2017, 103, 1-4.	0.8	4
71	Experimental cannabidiol treatment reduces early pancreatic inflammation in type 1 diabetes. Clinical Hemorheology and Microcirculation, 2017, 64, 655-662.	0.9	48
72	Iron chelation as novel treatment for lung inflammation in cystic fibrosis. Medical Hypotheses, 2017, 104, 86-88.	0.8	13

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73	The Endocannabinoid System in Local and Systemic Inflammation. Colloquium Series on Integrated Systems Physiology From Molecule To Function, 2017, 9, i-192.	0.3	2
74	Sepsis: Staging and Potential Future Therapies. Colloquium Series on Integrated Systems Physiology From Molecule To Function, 2017, 9, i-91.	0.3	0
75	Targeting the endothelial glycocalyx in acute critical illness as a challenge for clinical and laboratory medicine. Critical Reviews in Clinical Laboratory Sciences, 2017, 54, 343-357.	2.7	33
76	Preliminary clinical evaluation of automated analysis of the sublingual microcirculation in the assessment of patients with septic shock: Comparison of automated versus semi-automated software. Clinical Hemorheology and Microcirculation, 2017, 67, 489-498.	0.9	13
77	In vivo classification of inflammation in blood vessels with convolutional neural networks. , 2017, , .		3
78	Cannabinoid 2 receptor is a novel anti-inflammatory target in experimental proliferative vitreoretinopathy. Neuropharmacology, 2017, 113, 627-638.	2.0	22
79	Tetrahydrobiopterin improves microcirculation in experimental sepsis. Clinical Hemorheology and Microcirculation, 2017, 67, 15-24.	0.9	11
80	Glycocalyx in vivo measurement. Clinical Hemorheology and Microcirculation, 2017, 67, 499-503.	0.9	21
81	Microcirculation research in community hospitals " challenges and chances. Clinical Hemorheology and Microcirculation, 2017, 67, 511-514.	0.9	1
82	A.L. Copley Best Paper Prize 2016. Clinical Hemorheology and Microcirculation, 2017, 66, 185-186.	0.9	0
83	New developments in clinical microcirculation imaging. Clinical Hemorheology and Microcirculation, 2017, 67, 487-488.	0.9	0
84	Parameters of the Endocannabinoid System as Novel Biomarkers in Sepsis and Septic Shock. Metabolites, 2017, 7, 55.	1.3	15
85	Anti-inflammatory effects of a novel iron chelator, DIBI, in experimental sepsis. Clinical Hemorheology and Microcirculation, 2017, 67, 241-250.	0.9	22
86	Effects of haemoglobin levels on the sublingual microcirculation in pregnant women. Clinical Hemorheology and Microcirculation, 2016, 64, 205-212.	0.9	3
87	CB2 and GPR55 Receptors as Therapeutic Targets for Systemic Immune Dysregulation. Frontiers in Pharmacology, 2016, 7, 264.	1.6	27
88	Utilization of 3D printing for an intravital microscopy platform to study the intestinal microcirculation. Journal of Microscopy, 2016, 264, 224-226.	0.8	3
89	Analysis of microcirculation measurements by novice users trained by a standardized interactive tutorial: An inter-observer variability study. Clinical Hemorheology and Microcirculation, 2016, 62, 123-128.	0.9	3
90	An intravital microscopy model to study early pancreatic inflammation in type 1 diabetes in NOD mice. Intravital, 2016, 5, e1215789.	2.0	3

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91	GPR55 â€œ a putative â€œtype 3â€œcannabinoid receptor in inflammation. Journal of Basic and Clinical Physiology and Pharmacology, 2016, 27, 297-302.	0.7	81
92	Experimental Cannabinoid 2 Receptor Inhibition in <scp>CNS</scp> Injuryâ€œInduced Immunodeficiency Syndrome. Microcirculation, 2016, 23, 283-292.	1.0	11
93	Therapeutic iron restriction in sepsis. Medical Hypotheses, 2016, 89, 37-39.	0.8	10
94	Anti-inflammatory and anti-bacterial effects of iron chelation in experimental sepsis. Journal of Surgical Research, 2016, 200, 266-273.	0.8	33
95	Rescuer fatigue does not correlate to energy expenditure during simulated basic life support. Signa Vitae, 2016, 12, 58.	0.8	2
96	Maternal microcirculation and sidestream dark field imaging: A prospective assessment of the association between labour pain and analgesia on the microcirculation of pregnant women. Clinical Hemorheology and Microcirculation, 2015, 60, 389-395.	0.9	2
97	Cannabinoid 2 receptor activation reduces leukocyte adhesion and improves capillary perfusion in the iridial microvasculature during systemic inflammation. Clinical Hemorheology and Microcirculation, 2015, 61, 237-249.	0.9	28
98	The Utility of Iron Chelators in the Management of Inflammatory Disorders. Mediators of Inflammation, 2015, 2015, 1-12.	1.4	39
99	Dipeptide-Bound Glutamine and the Intestinal Microcirculation in Sepsis. , 2015, , 383-398.		0
100	Experimental TLR4 inhibition improves intestinal microcirculation in endotoxemic rats. Microvascular Research, 2015, 101, 33-37.	1.1	4
101	Adenosine receptor activation improves microcirculation in experimental intestinal ischemia/reperfusion. Clinical Hemorheology and Microcirculation, 2015, 59, 257-265.	0.9	9
102	Sidestream versus incident dark field imaging: How to compare two different technologies to study the microcirculation?. Journal of Clinical Monitoring and Computing, 2015, 29, 539-540.	0.7	5
103	Evaluation of the effects of Eserine and JWH-133 on brain dysfunction associated with experimental endotoxemia. Journal of Neuroimmunology, 2015, 281, 9-16.	1.1	13
104	<i>In situ</i> assessment of the renal microcirculation in mechanically ventilated rats using sidestream darkâ€œfield imaging. Journal of Microscopy, 2015, 257, 161-165.	0.8	2
105	New directions for sepsis and septic shock research. Journal of Surgical Research, 2015, 194, 520-527.	0.8	18
106	Desmopressin improves intestinal functional capillary density and decreases leukocyte activation in experimental endotoxemia. Microvascular Research, 2015, 97, 98-104.	1.1	13
107	The last bite was deadly â€œ About responsibility in scientific publishing. Clinical Hemorheology and Microcirculation, 2014, 57, 95-99.	0.9	1
108	Experimental Cannabinoid 2 Receptor-Mediated Immune Modulation in Sepsis. Mediators of Inflammation, 2014, 2014, 1-7.	1.4	55

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109	Clinical evaluation of the intestinal microcirculation using sidestream dark field imaging â€“ Recommendations of a round table meeting. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 57, 137-146.	0.9	18
110	Effect of Deletion of cIAP2 on Intestinal Microcirculation in Mouse Endotoxemia and Polybacterial Sepsis. <i>Shock</i> , 2014, 41, 454-457.	1.0	6
111	Physostigmine reverses disturbances of the intestinal microcirculation during experimental endotoxemia. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 56, 273-284.	0.9	8
112	Impact of methylene blue in addition to norepinephrine on the intestinal microcirculation in experimental septic shock. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 58, 97-105.	0.9	17
113	Cannabinoid receptor 1 inhibition improves the intestinal microcirculation in experimental endotoxemia. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 58, 333-342.	0.9	17
114	Anti-inflammatory effects of cannabinoid CB ₂ receptor activation in endotoxin-induced uveitis. <i>British Journal of Pharmacology</i> , 2014, 171, 1448-1461.	2.7	75
115	Combination of dehydroepiandrosterone and orthovanadate administration reduces intestinal leukocyte recruitment in models of experimental sepsis. <i>Microvascular Research</i> , 2014, 95, 82-87.	1.1	9
116	Short time impact of different hydroxyethyl starch solutions on the mesenteric microcirculation in experimental sepsis in rats. <i>Microvascular Research</i> , 2014, 95, 88-93.	1.1	4
117	Novel approaches to the development of anti-sepsis drugs. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 523-531.	2.5	15
118	Inhibition of the cannabinoid 2 receptor in CNS-injury induced immunodeficiency syndrome. <i>Medical Hypotheses</i> , 2014, 82, 736-739.	0.8	8
119	An observational assessment of the sublingual microcirculation of pregnant and non-pregnant women. <i>International Journal of Obstetric Anesthesia</i> , 2014, 23, 23-28.	0.2	13
120	Unanticipated expanding neck mass under general anesthesia. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 678-679.	0.7	0
121	Inhibition of endocannabinoid degradation in experimental endotoxemia reduces leukocyte adhesion and improves capillary perfusion in the gut. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2013, 24, 27-33.	0.7	23
122	Noninvasive assessment of the iridial microcirculation in rats using sidestream dark field imaging. <i>Journal of Microscopy</i> , 2013, 249, 119-123.	0.8	4
123	Acute administration of antibiotics modulates intestinal capillary perfusion and leukocyte adherence during experimental sepsis. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 536-543.	1.1	10
124	Estradiol receptors agonists induced effects in rat intestinal microcirculation during sepsis. <i>Microvascular Research</i> , 2013, 85, 118-127.	1.1	20
125	Crossbite cause TMD: a good hypothesis does not make it always true. <i>European Journal of Orthodontics</i> , 2013, 35, 713-713.	1.1	0
126	Leukocyte-endothelial interactions within the ocular microcirculation in inflammation and infection. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 55, 423-443.	0.9	8

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127	Oxidized LDL and LOX-1 in Experimental Sepsis. <i>Mediators of Inflammation</i> , 2013, 2013, 1-6.	1.4	29
128	Impact of antibiotics on the microcirculation in local and systemic inflammation. <i>Clinical Hemorheology and Microcirculation</i> , 2013, 53, 155-169.	0.9	15
129	Comparison of cold crystalloid and colloid infusions for induction of therapeutic hypothermia in a porcine model of cardiac arrest. <i>Critical Care</i> , 2013, 17, R242.	2.5	4
130	Targeting the Endocannabinoid System to Treat Sepsis. <i>Signa Vitae</i> , 2013, 8, 9.	0.8	6
131	Cannabinoid Receptor 1 Inhibition Causes Seizures During Anesthesia Induction in Experimental Sepsis. <i>Anesthesia and Analgesia</i> , 2012, 114, 1217-1219.	1.1	2
132	Microcirculation diagnostics and applied studies in circulatory shock – Research from the bench to the bedside. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 52, 131-139.	0.9	6
133	Cannabinoid receptor 2 activation reduces intestinal leukocyte recruitment and systemic inflammatory mediator release in acute experimental sepsis. <i>Critical Care</i> , 2012, 16, R47.	2.5	48
134	Metabolomic analysis as biomarker to study steroid hormone administration in sepsis. <i>Medical Hypotheses</i> , 2012, 79, 329-330.	0.8	3
135	Activated protein C improves pial microcirculation in experimental endotoxemia in rats. <i>Microvascular Research</i> , 2012, 83, 276-280.	1.1	9
136	Differential effects of intravenous anesthetics on hepatosplanchnic microcirculation in rats: Sidestream dark-field imaging study. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 51, 213-223.	0.9	7
137	Talin, Vinculin and Nestin Expression in Orofacial Muscles of Dystrophin Deficient mdx Mice. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2012, 60, 137-143.	1.0	2
138	Intravenous free and dipeptide-bound glutamine maintains intestinal microcirculation in experimental endotoxemia. <i>Nutrition</i> , 2012, 28, 588-593.	1.1	11
139	Fructose – The Sweet Poison. <i>Journal of Parenteral and Enteral Nutrition</i> , 2011, 35, 158-159.	1.3	4
140	Evaluation of the effects of gender and estradiol treatment on the intestinal microcirculation during experimental sepsis. <i>Microvascular Research</i> , 2011, 82, 397-403.	1.1	15
141	Preserved cerebral microcirculation in early stages of endotoxemia in mechanically-ventilated rabbits. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 47, 37-44.	0.9	8
142	The Effect of Auricular Acupuncture on Fentanyl Requirement During Hip Arthroplasty. <i>Clinical Journal of Pain</i> , 2011, 27, 262-267.	0.8	39
143	Myogenic differentiation factor 1 and myogenin expression not elevated in regenerated masticatory muscles of dystrophic (mdx) mice. <i>Journal of Orofacial Orthopedics</i> , 2011, 72, 469-475.	0.5	1
144	The endocannabinoid system in sepsis – a potential target to improve microcirculation?. <i>Signa Vitae</i> , 2011, 6, 7.	0.8	6

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145	Experimental Endotoxemia Induces Leukocyte Adherence and Plasma Extravasation Within the Rat Pial Microcirculation. <i>Physiological Research</i> , 2011, 60, 853-859.	0.4	10
146	Argatroban administration reduces leukocyte adhesion and improves capillary perfusion within the intestinal microcirculation in experimental sepsis. <i>Thrombosis and Haemostasis</i> , 2010, 104, 1022-1028.	1.8	15
147	Vancomycin and to lesser extent tobramycin have vasomodulatory effects in experimental endotoxemia in the rat. <i>Clinical Hemorheology and Microcirculation</i> , 2010, 46, 37-49.	0.9	14
148	Inhibition of lectin-like oxidized low-density lipoprotein receptor-1 reduces leukocyte adhesion within the intestinal microcirculation in experimental endotoxemia in rats. <i>Critical Care</i> , 2010, 14, R223.	2.5	13
149	For an indeterministic ethics. The emptiness of the rule in dubio pro vita and life cessation decisions. <i>Philosophy, Ethics, and Humanities in Medicine</i> , 2009, 4, 6.	0.7	4
150	Acute high-dose sodium selenite administration improves intestinal microcirculation without affecting cytokine release in experimental endotoxemia. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009, 23, 138-143.	1.5	3
151	Auricular Acupuncture for Postoperative Pain Control: A Systematic Review of Randomised Clinical Trials. <i>Deutsche Zeitschrift für Akupunktur</i> , 2009, 52, 52-53.	0.1	2
152	Acupuncture reveals no specific effect on primary auditory cortex: a functional magnetic resonance imaging study. <i>NeuroReport</i> , 2009, 20, 116-120.	0.6	14
153	About small particles and small numbers in sepsis research*. <i>Critical Care Medicine</i> , 2009, 37, 2131-2132.	0.4	0
154	Pressure and Flow(Meter). <i>Anesthesiology</i> , 2009, 110, 1188-1188.	1.3	1
155	Effects of activated protein C on the mesenteric microcirculation and cytokine release during experimental endotoxemia. <i>Canadian Journal of Anaesthesia</i> , 2008, 55, 155-162.	0.7	13
156	Anti-inflammatory effects of antibiotics within the intestinal microcirculation in experimental sepsis in rats. <i>Canadian Journal of Anaesthesia</i> , 2008, 55, 4748351-4748351.	0.7	0
157	Millimetre wave therapy for pain relief after total knee arthroplasty: A randomised controlled trial. <i>European Journal of Pain</i> , 2008, 12, 617-623.	1.4	8
158	<sc>L-CARBOXYMETHYLCYSTEINE INHIBITS CARBACHOL-INDUCED CONSTRICTION OF EPITHELIUM-DENUDED RAT AND HUMAN AIRWAY PREPARATIONS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 663-669.	0.9	2
159	Auricular acupuncture for postoperative pain control: a systematic review of randomised clinical trials. <i>Anaesthesia</i> , 2008, 63, 1343-1348.	1.8	85
160	The combinations C1 esterase inhibitor with coagulation factor XIII and N-acetylcysteine with tirilazad mesylate reduce the leukocyte adherence in an experimental endotoxemia in rats. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 40, 167-176.	0.9	3
161	Effects of N-acetylcysteine and tirilazad mesylate on intestinal functional capillary density, leukocyte adherence, mesenteric plasma extravasation and cytokine levels in experimental endotoxemia in rats. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 99-111.	0.9	6
162	Impact of Combined C1 Esterase Inhibitor/Coagulation Factor XIII or N-Acetylcysteine/Tirilazad Mesylate Administration on Leucocyte Adherence and Cytokine Release in Experimental Endotoxaemia. <i>Journal of International Medical Research</i> , 2008, 36, 748-759.	0.4	2

#	ARTICLE	IF	CITATIONS
163	Nitric oxide inhalation and glucocorticoidsâ€”Can there be a belt-and-braces approach in sepsis?*. Critical Care Medicine, 2008, 36, 3109-3110.	0.4	1
164	Successful Transtracheal Lung Ventilation Using a Manual Respiration Valve. Anesthesiology, 2008, 109, 251-259.	1.3	9
165	Acupuncture of Specific Points Influences Cortical Auditory Evoked Potentials â€” A Volunteer Crossover Study. Acupuncture and Electro-Therapeutics Research, 2008, 33, 1-8.	0.0	3
166	Response of the rat intestinal microcirculation to experimental endotoxemia is attenuated by ampicillin but not by its derivative KKP723. Clinical Hemorheology and Microcirculation, 2008, 38, 163-70.	0.9	3
167	Auricular acupuncture for pain relief after ambulatory knee surgery: a randomized trial. Cmaj, 2007, 176, 179-183.	0.9	78
168	Ketamine does not affect intestinal microcirculation in pentobarbital-anaesthetized rats during experimental endotoxaemia. Laboratory Animals, 2007, 41, 55-62.	0.5	9
169	Selenium in Intensive Care (SIC): Results of a prospective randomized, placebo-controlled, multiple-center study in patients with severe systemic inflammatory response syndrome, sepsis, and septic shock*. Critical Care Medicine, 2007, 35, 118-126.	0.4	1,078
170	COLON ASCENDENS STENT PERITONITIS-A MODEL OF SEPSIS ADOPTED TO THE RAT. Shock, 2007, 28, 59-64.	1.0	58
171	Iloprost for Additional Anticoagulation in Continuous Renal Replacement Therapyâ€”A Pilot Study. Renal Failure, 2007, 29, 271-277.	0.8	10
172	Serum osmolality in intensive care unit patients. Acta Anaesthesiologica Scandinavica, 2007, 51, 383-384.	0.7	1
173	Peritoneal instillation of taurolidine or polihexanide modulates intestinal microcirculation in experimental endotoxemia. International Journal of Colorectal Disease, 2007, 22, 807-817.	1.0	3
174	SEPSIS AFFECTS CARDIAC EXPRESSION OF MULTIDRUG RESISTANCE PROTEIN 5 (MRP5, ABCC5), AN ABC-TYPE CGMP EXPORT PUMP. Shock, 2007, 28, 564-569.	1.0	8
175	Effects of coagulation factor XIII on intestinal functional capillary density, leukocyte adherence and mesenteric plasma extravasation in experimental endotoxemia. Critical Care, 2006, 10, R29.	2.5	14
176	Effects of dopexamine on the intestinal microvascular blood flow and leukocyte activation in a sepsis model in rats. Critical Care, 2006, 10, R117.	2.5	26
177	Activated protein C improves intestinal microcirculation in experimental endotoxaemia in the rat. Critical Care, 2006, 10, R157.	2.5	35
178	Low-Intensity Electromagnetic Millimeter Waves for Pain Therapy. Evidence-based Complementary and Alternative Medicine, 2006, 3, 201-207.	0.5	45
179	Hemorrhage After Auricular Acupuncture due to Postoperative Dilutional Thrombocytopenia. Anesthesia and Analgesia, 2006, 103, 1333-1334.	1.1	7
180	Serum osmolality and outcome in intensive care unit patients. Acta Anaesthesiologica Scandinavica, 2006, 50, 970-977.	0.7	38

#	ARTICLE	IF	CITATIONS
181	Thermostatic tissue platform for intravital microscopy: 'the hanging drop' model. <i>Journal of Microscopy</i> , 2006, 224, 203-210.	0.8	20
182	Intraperitoneal instillation of polihexanide produces hypotension and vasodilation: in vivo and in vitro study in rats. <i>International Journal of Colorectal Disease</i> , 2006, 21, 373-380.	1.0	10
183	The ATP-binding Cassette Transporter ABCG2 (BCRP), a Marker for Side Population Stem Cells, Is Expressed in Human Heart. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 215-221.	1.3	88
184	Akrinor-induced Relaxation of Pig Coronary Artery In Vitro is Transformed into β -1-Adrenoreceptor-mediated Contraction by Pretreatment With Propranolol. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 47, 450-455.	0.8	8
185	Auricular Acupuncture Reduces Intraoperative Fentanyl Requirement During Hip Arthroplasty - A Randomized Double-Blinded Study. <i>Acupuncture and Electro-Therapeutics Research</i> , 2006, 31, 213-221.	0.0	35
186	From scurvy to sepsis: Vitamin Câ€”A pill for all seasons?*. <i>Critical Care Medicine</i> , 2005, 33, 1881-1882.	0.4	9
187	Heparins in sepsis-induced disseminated intravascular coagulation: Low weightâ€”high impact?*. <i>Critical Care Medicine</i> , 2005, 33, 1455-1457.	0.4	6
188	Auricular Acupuncture for Pain Relief after Ambulatory Knee Arthroscopyâ€”A Pilot Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2005, 2, 185-189.	0.5	50
189	Auricular acupuncture for pain relief after total hip arthroplasty â€” a randomized controlled study. <i>Pain</i> , 2005, 114, 320-327.	2.0	132
190	Effects of C1 esterase inhibitor administration on intestinal functional capillary density, leukocyte adherence and mesenteric plasma extravasation during experimental endotoxemia. <i>Intensive Care Medicine</i> , 2004, 30, 309-314.	3.9	16
191	Biofeedback as a supportive method in weaning long-term ventilated critically ill patients. <i>Medical Hypotheses</i> , 2004, 63, 21-25.	0.8	4
192	Sphingomyelinase pathway activation in septic myocardial depressionâ€”Another brick in the wall? *. <i>Critical Care Medicine</i> , 2004, 32, 609-610.	0.4	2
193	Modulation of multidrug resistance P-glycoprotein 1 (ABCB1) expression in human heart by hereditary polymorphisms. <i>Pharmacogenetics and Genomics</i> , 2004, 14, 381-385.	5.7	75
194	Intermittent high permeability hemofiltration in septic patients with acute renal failure. <i>Intensive Care Medicine</i> , 2003, 29, 1989-1995.	3.9	76
195	Chronic exposure to multiple bacterial toxinsâ€”Enough is as good as a feast*. <i>Critical Care Medicine</i> , 2003, 31, 1285-1286.	0.4	3
196	Sympathetic modulation of intestinal microvascular blood flow oscillations in experimental endotoxemia. <i>Clinical Hemorheology and Microcirculation</i> , 2003, 28, 209-20.	0.9	6
197	Fiberoptic Transorbital Intubation: Alternative for Tracheotomy in Patients after Exenteration of the Orbit. <i>Anesthesiology</i> , 2002, 97, 1647-1647.	1.3	5
198	Effects of iloprost, a stable prostacyclin analog, on intestinal leukocyte adherence and microvascular blood flow in rat experimental endotoxemia. <i>Critical Care Medicine</i> , 2001, 29, 1412-1416.	0.4	30

#	ARTICLE	IF	CITATIONS
199	Reduction in intestinal leukocyte adherence in rat experimental endotoxemia by treatment with the 21-aminosteroid U-74389G. <i>Intensive Care Medicine</i> , 2001, 27, 258-263.	3.9	20
200	Influence of heparin and hirudin on endothelial binding of antithrombin in experimental thrombinemia. <i>Critical Care Medicine</i> , 2000, 28, 2881-2886.	0.4	30
201	Effects of the stable prostacyclin analogue iloprost on the plasma disappearance rate of indocyanine green in human septic shock. <i>Intensive Care Medicine</i> , 2000, 26, 1557-1560.	3.9	41
202	Inhibition of tumor necrosis factor-alpha release in rat experimental endotoxemia by treatment with the 21-aminosteroid U-74389G. <i>Critical Care Medicine</i> , 1999, 27, 1164-1167.	0.4	18
203	Perioperative vascular flushing perfusion in acute mesenteric artery occlusion. <i>European Journal of Vascular and Endovascular Surgery</i> , 1995, 10, 265-271.	0.8	7