

Peter Pickkers

List of Publications by Year in descending order

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Version: 2024-02-01

484
papers

26,044
citations

5891

81
h-index

10724

138
g-index

498
all docs

498
docs citations

498
times ranked

31499
citing authors

#	ARTICLE	IF	CITATIONS
1	Body Mass Index and Mortality in Coronavirus Disease 2019 and Other Diseases: A Cohort Study in 35,506 ICU Patients. <i>Critical Care Medicine</i> , 2022, 50, e1-e10.	0.4	31
2	Risk of Dementia and Structural Brain Changes Following Nonneurological Infections During 9-Year Follow-Up*. <i>Critical Care Medicine</i> , 2022, 50, 554-564.	0.4	15
3	Sepsis-Induced Immunosuppression. <i>Annual Review of Physiology</i> , 2022, 84, 157-181.	5.6	108
4	The value of bioactive adrenomedullin and dipeptidyl peptidase 3 to predict short-term unfavourable outcomes after cardiac surgery. <i>European Journal of Anaesthesiology</i> , 2022, Publish Ahead of Print, .	0.7	7
5	A guide to immunotherapy for COVID-19. <i>Nature Medicine</i> , 2022, 28, 39-50.	15.2	206
6	The Effects of Cold Exposure Training and a Breathing Exercise on the Inflammatory Response in Humans: A Pilot Study. <i>Psychosomatic Medicine</i> , 2022, 84, 457-467.	1.3	14
7	An Integral Pharmacokinetic Analysis of Piperacillin and Tazobactam in Plasma and Urine in Critically Ill Patients. <i>Clinical Pharmacokinetics</i> , 2022, 61, 907-918.	1.6	10
8	Mature neutrophils and a NFκB-to-IFN transition determine the unifying disease recovery dynamics in COVID-19. <i>Cell Reports Medicine</i> , 2022, , 100652.	3.3	9
9	Long-Term Impairments Are Most Pronounced in Critically Ill Patients with COVID-19 with Severe Obesity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1037-1039.	2.5	1
10	Acute Respiratory Failure Outcomes in Patients with Hematologic Malignancies and Hematopoietic Cell Transplant: A Secondary Analysis of the EFRAIM Study. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 78.e1-78.e6.	0.6	9
11	Intestinal fatty acid binding protein as a predictor for intra-abdominal pressure-related complications in patients admitted to the intensive care unit; a prospective cohort study (I-Fabulous study). <i>Journal of Critical Care</i> , 2021, 63, 211-217.	1.0	5
12	Letter to the Editor: Vitamin D deficiency in COVID-19: Mixing up cause and consequence. <i>Metabolism: Clinical and Experimental</i> , 2021, 115, 154434.	1.5	63
13	ICU-acquired pneumonia in immunosuppressed patients with acute hypoxemic respiratory failure: A post-hoc analysis of a prospective international cohort study. <i>Journal of Critical Care</i> , 2021, 63, 243-245.	1.0	0
14	Increased blood angiotensin converting enzyme 2 activity in critically ill COVID-19 patients. <i>ERJ Open Research</i> , 2021, 7, 00848-2020.	1.1	52
15	A higher BMI is not associated with a different immune response and disease course in critically ill COVID-19 patients. <i>International Journal of Obesity</i> , 2021, 45, 687-694.	1.6	35
16	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , 2021, 13, 7.	3.6	193
17	Monitoring circulating dipeptidyl peptidase 3 (DPP3) predicts improvement of organ failure and survival in sepsis: a prospective observational multinational study. <i>Critical Care</i> , 2021, 25, 61.	2.5	25
18	Dysregulated Innate and Adaptive Immune Responses Discriminate Disease Severity in COVID-19. <i>Journal of Infectious Diseases</i> , 2021, 223, 1322-1333.	1.9	61

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19	A limited role of cytokine storm and fibrogenesis in COVID-19 related liver injury. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2021, 30, 166-168.	0.5	0
20	The Association of TSH and Thyroid Hormones With Lymphopenia in Bacterial Sepsis and COVID-19. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1994-2009.	1.8	15
21	Phenylephrine impairs host defence mechanisms to infection: a combined laboratory study in mice and translational human study. <i>British Journal of Anaesthesia</i> , 2021, 126, 652-664.	1.5	8
22	Chloroquine for treatment of COVID-19 results in subtherapeutic exposure and prolonged QTc intervals. <i>International Journal of Antimicrobial Agents</i> , 2021, 57, 106293.	1.1	1
23	Circulating biomarkers to assess cardiovascular function in critically ill. <i>Current Opinion in Critical Care</i> , 2021, 27, 261-268.	1.6	3
24	Association Between Incident Delirium Treatment With Haloperidol and Mortality in Critically Ill Adults*. <i>Critical Care Medicine</i> , 2021, 49, 1303-1311.	0.4	13
25	Safety and Efficacy of Human Chorionic Gonadotropin Hormone-Derivative EA-230 in Cardiac Surgery Patients: A Randomized Double-Blind Placebo-Controlled Study. <i>Critical Care Medicine</i> , 2021, 49, 790-803.	0.4	6
26	Neuroinflammation in cognitive decline post-cardiac surgery (the FOCUS study): an observational study protocol. <i>BMJ Open</i> , 2021, 11, e044062.	0.8	2
27	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	13.7	375
28	Immunocompromised Patients with Acute Respiratory Failure: "Don't Wait to Intubate". <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 121-123.	2.5	1
29	Kinetics of Neutrophil Subsets in Acute, Subacute, and Chronic Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 674079.	2.2	26
30	Wearable Patch Heart Rate Variability Is an Early Marker of Systemic Inflammation During Experimental Human Endotoxemia. <i>Shock</i> , 2021, 56, 537-543.	1.0	4
31	A mould infection in disguise. <i>Clinical Microbiology and Infection</i> , 2021, 27, 854-855.	2.8	2
32	Association Between an Increase in Serum Sodium and In-Hospital Mortality in Critically Ill Patients. <i>Critical Care Medicine</i> , 2021, Publish Ahead of Print, 2070-2079.	0.4	9
33	Increased sSTEM-1 plasma concentrations are associated with poor clinical outcomes in patients with COVID-19. <i>Bioscience Reports</i> , 2021, 41, .	1.1	18
34	Systemic inflammation down-regulates glyoxalase-1 expression: an experimental study in healthy males. <i>Bioscience Reports</i> , 2021, 41, .	1.1	2
35	Human in vivo neuroimaging to detect reprogramming of the cerebral immune response following repeated systemic inflammation. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 321-329.	2.0	6
36	Acute kidney injury in the critically ill: an updated review on pathophysiology and management. <i>Intensive Care Medicine</i> , 2021, 47, 835-850.	3.9	149

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37	The chicken or the egg: low testosterone predisposes for COVID-19 or COVID-19 induces a decrease in testosterone?. <i>Critical Care</i> , 2021, 25, 237.	2.5	2
38	Late augmented renal clearance in patients with COVID-19 in the intensive care unit. A prospective observational study. <i>Journal of Critical Care</i> , 2021, 64, 7-9.	1.0	13
39	High unbound flucloxacillin fraction in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 3220-3228.	1.3	9
40	Dexamethasone and tocilizumab treatment considerably reduces the value of C-reactive protein and procalcitonin to detect secondary bacterial infections in COVID-19 patients. <i>Critical Care</i> , 2021, 25, 281.	2.5	50
41	Bacteremia in critically ill immunocompromised patients with acute hypoxic respiratory failure: A post-hoc analysis of a prospective multicenter multinational cohort. <i>Journal of Critical Care</i> , 2021, 64, 114-119.	1.0	2
42	Case-control study on the interplay between immunoparalysis and delirium after cardiac surgery. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 239.	0.4	1
43	The value of D-dimer to predict pulmonary embolism in critically ill COVID-19 patients. <i>Journal of Critical Care</i> , 2021, 64, 18-21.	1.0	5
44	The Impact of Nursing Delirium Preventive Interventions in the ICU: A Multicenter Cluster-randomized Controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 682-691.	2.5	21
45	Near-Infrared Spectroscopy-Derived Dynamic Cerebral Autoregulation in Experimental Human Endotoxemia—An Exploratory Study. <i>Frontiers in Neurology</i> , 2021, 12, 695705.	1.1	2
46	Interferon gamma immunotherapy in five critically ill COVID-19 patients with impaired cellular immunity: A case series. <i>Med</i> , 2021, 2, 1163-1170.e2.	2.2	31
47	Effect of anakinra on mortality in patients with COVID-19: a systematic review and patient-level meta-analysis. <i>Lancet Rheumatology</i> , The, 2021, 3, e690-e697.	2.2	121
48	Stewart analysis unmasks acidifying and alkalinizing effects of ionic shifts during acute severe respiratory alkalosis. <i>Journal of Critical Care</i> , 2021, 66, 1-5.	1.0	3
49	Lysine methyltransferase G9a is an important modulator of trained immunity. <i>Clinical and Translational Immunology</i> , 2021, 10, e1253.	1.7	25
50	No interplay between gut microbiota composition and the lipopolysaccharide-induced innate immune response in humans in vivo. <i>Clinical and Translational Immunology</i> , 2021, 10, e1278.	1.7	3
51	Promotion of vascular integrity in sepsis through modulation of bioactive adrenomedullin and dipeptidyl peptidase 3. <i>Journal of Internal Medicine</i> , 2021, 289, 792-806.	2.7	18
52	Endothelial dysfunction: a therapeutic target in bacterial sepsis?. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 733-748.	1.5	12
53	Safety and tolerability of non-neutralizing adrenomedullin antibody adrecizumab (HAM8101) in septic shock patients: the AdrenOSS-2 phase 2a biomarker-guided trial. <i>Intensive Care Medicine</i> , 2021, 47, 1284-1294.	3.9	40
54	Effects of dalteparin on anti-Xa activities cannot be predicted in critically ill COVID-19 patients. <i>British Journal of Clinical Pharmacology</i> , 2021, , .	1.1	4

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55	Predictors for extubation failure in COVID-19 patients using a machine learning approach. <i>Critical Care</i> , 2021, 25, 448.	2.5	15
56	Characterization of the phenotype of human eosinophils and their progenitors in the bone marrow of healthy individuals. <i>Haematologica</i> , 2020, 105, e52-e56.	1.7	17
57	Synergistic Signaling of TLR and IFN α/β Facilitates Escape of IL-18 Expression from Endotoxin Tolerance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 526-539.	2.5	38
58	Differentiation and activation of eosinophils in the human bone marrow during experimental human endotoxemia. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1665-1671.	1.5	26
59	Effect of Vasopressors on the Macro- and Microcirculation During Systemic Inflammation in Humans In Vivo. <i>Shock</i> , 2020, 53, 171-174.	1.0	15
60	Biomarkers for antimicrobial stewardship: a reappraisal in COVID-19 times?. <i>Critical Care</i> , 2020, 24, 600.	2.5	51
61	Increased Plasma Heparanase Activity in COVID-19 Patients. <i>Frontiers in Immunology</i> , 2020, 11, 575047.	2.2	98
62	How to ventilate obese patients in the ICU. <i>Intensive Care Medicine</i> , 2020, 46, 2423-2435.	3.9	59
63	COVID-19-associated acute kidney injury: consensus report of the 25th Acute Disease Quality Initiative (ADQI) Workgroup. <i>Nature Reviews Nephrology</i> , 2020, 16, 747-764.	4.1	466
64	Recommendations on Acute Kidney Injury Biomarkers From the Acute Disease Quality Initiative Consensus Conference. <i>JAMA Network Open</i> , 2020, 3, e2019209.	2.8	335
65	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. <i>Immunity</i> , 2020, 53, 1296-1314.e9.	6.6	278
66	Endotoxemia-Induced Release of Pro-inflammatory Mediators Are Associated With Increased Glomerular Filtration Rate in Humans in vivo. <i>Frontiers in Medicine</i> , 2020, 7, 559671.	1.2	9
67	Proenkephalin: A New Biomarker for Glomerular Filtration Rate and Acute Kidney Injury. <i>Nephron</i> , 2020, 144, 655-661.	0.9	35
68	Delirium After TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2453-2466.	1.1	11
69	Breath-synchronized electrical stimulation of the expiratory muscles in mechanically ventilated patients: a randomized controlled feasibility study and pooled analysis. <i>Critical Care</i> , 2020, 24, 628.	2.5	9
70	Cytokine Levels in Critically Ill Patients With COVID-19 and Other Conditions. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1565.	3.8	268
71	Effect of anakinra in COVID-19. <i>Lancet Rheumatology, The</i> , 2020, 2, e523-e524.	2.2	2
72	Proenkephalin Compared to Conventional Methods to Assess Kidney Function in Critically Ill Sepsis Patients. <i>Shock</i> , 2020, 54, 308-314.	1.0	31

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73	Anakinra treatment in critically ill COVID-19 patients: a prospective cohort study. <i>Critical Care</i> , 2020, 24, 688.	2.5	100
74	Reply to Chapman et al.. <i>Journal of Applied Physiology</i> , 2020, 129, 162-162.	1.2	0
75	The effects of physical exercise on the assessment of kidney function. <i>Journal of Applied Physiology</i> , 2020, 128, 1459-1460.	1.2	6
76	COVID-19 patients exhibit less pronounced immune suppression compared with bacterial septic shock patients. <i>Critical Care</i> , 2020, 24, 263.	2.5	26
77	Nangibotide in patients with septic shock: a Phase 2a randomized controlled clinical trial. <i>Intensive Care Medicine</i> , 2020, 46, 1425-1437.	3.9	38
78	Norepinephrine Dysregulates the Immune Response and Compromises Host Defense during Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 830-842.	2.5	82
79	Respiratory Mechanics and Outcomes in Immunocompromised Patients With ARDS. <i>Chest</i> , 2020, 158, 1947-1957.	0.4	12
80	Etiologies and Outcomes of Acute Respiratory Failure in Solid Organ Transplant Recipients: Insight Into the EFRAIM Multicenter Cohort. <i>Transplantation Proceedings</i> , 2020, 52, 2980-2987.	0.3	2
81	COVID-19: 10 things I wished I™d known some months ago. <i>Intensive Care Medicine</i> , 2020, 46, 1449-1452.	3.9	6
82	Monocytic HLA-DR expression kinetics in septic shock patients with different pathogens, sites of infection and adverse outcomes. <i>Critical Care</i> , 2020, 24, 110.	2.5	72
83	Downregulation of synapse-associated protein expression and loss of homeostatic microglial control in cerebrospinal fluid of infectious patients with delirium and patients with Alzheimer™s disease. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 656-667.	2.0	24
84	Targeting the Heme-Heme Oxygenase System to Prevent Severe Complications Following COVID-19 Infections. <i>Antioxidants</i> , 2020, 9, 540.	2.2	63
85	Influence of sedation on delirium recognition in critically ill patients: A multinational cohort study. <i>Australian Critical Care</i> , 2020, 33, 420-425.	0.6	14
86	Noradrenaline drives immunosuppression in sepsis: clinical consequences. <i>Intensive Care Medicine</i> , 2020, 46, 1246-1248.	3.9	13
87	Involvement of Lactate and Pyruvate in the Anti-Inflammatory Effects Exerted by Voluntary Activation of the Sympathetic Nervous System. <i>Metabolites</i> , 2020, 10, 148.	1.3	17
88	The clinical relevance of oliguria in the critically ill patient: analysis of a large observational database. <i>Critical Care</i> , 2020, 24, 171.	2.5	18
89	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). <i>PLoS ONE</i> , 2020, 15, e0231555.	1.1	8
90	Higher Dosage of Ciprofloxacin Necessary in Critically Ill Patients: A New Dosing Algorithm Based on Renal Function and Pathogen Susceptibility. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 770-774.	2.3	10

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91	Association between incident delirium and 28- and 90-day mortality in critically ill adults: a secondary analysis. <i>Critical Care</i> , 2020, 24, 161.	2.5	22
92	Aminoglycosides in Immunocompromised Critically Ill Patients With Bacterial Pneumonia and Septic Shock: A Post-Hoc Analysis of a Prospective Multicenter Multinational Cohort. <i>Shock</i> , 2020, 54, 731-737.	1.0	5
93	Acute respiratory failure in immunocompromised patients: outcome and clinical features according to neutropenia status. <i>Annals of Intensive Care</i> , 2020, 10, 146.	2.2	9
94	Proenkephalin as a new biomarker for pediatric acute kidney injury – reference values and performance in children under one year of age. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1911-1919.	1.4	4
95	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
96	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
97	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
98	Dysregulated activities of proline-specific enzymes in septic shock patients (sepsis-2). , 2020, 15, e0231555.		0
99	The KHENERGY Study: Safety and Efficacy of KH 176 in Mitochondrial m.3243A>G Spectrum Disorders. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 101-111.	2.3	41
100	Experimental human endotoxemia as a model of systemic inflammation. <i>Biochimie</i> , 2019, 159, 99-106.	1.3	64
101	Multicentric experience with interferon gamma therapy in sepsis induced immunosuppression. A case series. <i>BMC Infectious Diseases</i> , 2019, 19, 931.	1.3	88
102	Adrecizumab, a non-neutralizing anti-adrenomedullin antibody, improves haemodynamics and attenuates myocardial oxidative stress in septic rats. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 25.	0.9	25
103	Respiratory System Mechanics and Mortality in Immunocompromised ARDS Patients. , 2019, , .		0
104	Innovative Drugs to Target Renal Inflammation in Sepsis: Alkaline Phosphatase. <i>Frontiers in Pharmacology</i> , 2019, 10, 919.	1.6	27
105	The Human Chorionic Gonadotropin Derivate EA-230 Modulates the Immune Response and Exerts Renal Protective Properties: Therapeutic Potential in Humans. <i>Seminars in Nephrology</i> , 2019, 39, 496-504.	0.6	8
106	Effect of Selepressin vs Placebo on Ventilator- and Vasopressor-Free Days in Patients With Septic Shock. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1476.	3.8	107
107	Hypoxia attenuates inflammation-induced hepcidin synthesis during experimental human endotoxemia. <i>Haematologica</i> , 2019, 104, e230-e232.	1.7	7
108	Frontline Science: Endotoxin-induced immunotolerance is associated with loss of monocyte metabolic plasticity and reduction of oxidative burst. <i>Journal of Leukocyte Biology</i> , 2019, 106, 11-25.	1.5	38

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109	Differences in 90-day mortality of delirium subtypes in the intensive care unit: A retrospective cohort study. <i>Journal of Critical Care</i> , 2019, 53, 120-124.	1.0	26
110	Quality Improvement Goals for Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 941-953.	2.2	152
111	Diagnosis and outcome of acute respiratory failure in immunocompromised patients after bronchoscopy. <i>European Respiratory Journal</i> , 2019, 54, 1802442.	3.1	36
112	Remote ischaemic preconditioning does not modulate the systemic inflammatory response or renal tubular stress biomarkers after endotoxaemia in healthy human volunteers: a single-centre, mechanistic, randomised controlled trial. <i>British Journal of Anaesthesia</i> , 2019, 123, 177-185.	1.5	11
113	Influenza and associated co-infections in critically ill immunosuppressed patients. <i>Critical Care</i> , 2019, 23, 152.	2.5	21
114	Obesity in the critically ill: a narrative review. <i>Intensive Care Medicine</i> , 2019, 45, 757-769.	3.9	283
115	Fever in Sepsis: Still a Hot Topic. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 263-264.	2.5	1
116	Comparison of different lots of endotoxin and evaluation of <i>in vivo</i> potency over time in the experimental human endotoxemia model. <i>Innate Immunity</i> , 2019, 25, 34-45.	1.1	8
117	Sepsis Management with a Blood Purification Membrane: European Experience. <i>Blood Purification</i> , 2019, 47, 36-44.	0.9	26
118	A randomized double-blind, placebo-controlled clinical phase IIa trial on safety, immunomodulatory effects and pharmacokinetics of EA230 during experimental human endotoxaemia. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 1559-1571.	1.1	11
119	Pharmacokinetics, safety and tolerability of the novel P2hCG derived immunomodulatory compound, EA230. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 1572-1584.	1.1	6
120	Development and daily use of a numeric rating score to assess sleep quality in ICU patients. <i>Journal of Critical Care</i> , 2019, 52, 68-74.	1.0	15
121	A double-blind, placebo-controlled, randomised, multicentre, proof-of-concept and dose-finding phase II clinical trial to investigate the safety, tolerability and efficacy of adrecizumab in patients with septic shock and elevated adrenomedullin concentration (AdrenOSS-2). <i>BMJ Open</i> , 2019, 9, e024475.	0.8	37
122	The value of the neutrophil-lymphocyte count ratio in the diagnosis of sepsis in patients admitted to the Intensive Care Unit: A retrospective cohort study. <i>PLoS ONE</i> , 2019, 14, e0212861.	1.1	34
123	Preclinical safety evaluation of the adrenomedullin-binding antibody Adrecizumab in rodents, dogs and non-human primates. <i>Toxicology and Applied Pharmacology</i> , 2019, 369, 1-16.	1.3	4
124	Mitochondrial DNA: Innocent in Plasma, but Guilty in Urine?. <i>Shock</i> , 2019, 51, 266.	1.0	2
125	Long-Term Effects of Experimental Human Endotoxemia on Immune Cell Function: Similarities and Differences With Sepsis. <i>Shock</i> , 2019, 51, 678-689.	1.0	10
126	Treatment With Acetylsalicylic Acid Reverses Endotoxin Tolerance in Humans In Vivo: A Randomized Placebo-Controlled Study. <i>Critical Care Medicine</i> , 2019, 47, 508-516.	0.4	24

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127	External Validation of Two Models to Predict Delirium in Critically Ill Adults Using Either the Confusion Assessment Method-ICU or the Intensive Care Delirium Screening Checklist for Delirium Assessment. <i>Critical Care Medicine</i> , 2019, 47, e827-e835.	0.4	19
128	Prophylactic Haloperidol Effects on Long-term Quality of Life in Critically Ill Patients at High Risk for Delirium. <i>Anesthesiology</i> , 2019, 131, 328-335.	1.3	6
129	An add-on training program involving breathing exercises, cold exposure, and meditation attenuates inflammation and disease activity in axial spondyloarthritis – A proof of concept trial. <i>PLoS ONE</i> , 2019, 14, e0225749.	1.1	21
130	Sustainability of clinical pathway guided care in cardiac surgery ICU patients; 9-years experience in over 7500 patients. <i>International Journal for Quality in Health Care</i> , 2019, 31, 456-463.	0.9	0
131	The influence of hypoxia on platelet function and plasmatic coagulation during systemic inflammation in humans <i>in vivo</i> . <i>Platelets</i> , 2019, 30, 927-930.	1.1	6
132	Adrenomedullin in heart failure: pathophysiology and therapeutic application. <i>European Journal of Heart Failure</i> , 2019, 21, 163-171.	2.9	144
133	“What’s new?” <i>Intensive Care Medicine</i> , 2019, 45, 110-112.	3.9	8
134	New frontiers in precision medicine for sepsis-induced immunoparalysis. <i>Expert Review of Clinical Immunology</i> , 2019, 15, 251-263.	1.3	21
135	Treatment with a polymyxin B filter to capture endotoxin in sepsis patients: is there a signal for therapeutic efficacy?. <i>Intensive Care Medicine</i> , 2019, 45, 282-283.	3.9	5
136	The Itaconate Pathway Is a Central Regulatory Node Linking Innate Immune Tolerance and Trained Immunity. <i>Cell Metabolism</i> , 2019, 29, 211-220.e5.	7.2	232
137	The Safety, Tolerability, and Effects on the Systemic Inflammatory Response and Renal Function of the Human Chorionic Gonadotropin Hormone-Derivative EA-230 Following On-Pump Cardiac Surgery (The Tj ETQq1 1 0,784314,rgBT /Over Research Protocols, 2019, 8, e11441.	0.5	0
138	Effect of Haloperidol on Survival Among Critically Ill Adults With a High Risk of Delirium. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 680.	3.8	206
139	Feasibility of Cognitive Training in Critically Ill Patients: A Pilot Study. <i>American Journal of Critical Care</i> , 2018, 27, 124-135.	0.8	11
140	Adjunctive Immunotherapy. , 2018, , 201-214.		0
141	Microbiological and immunological characteristics of a lethal pulmonary <i>Aspergillus niger</i> infection in a non-neutropenic patient. <i>Medical Mycology Case Reports</i> , 2018, 21, 4-7.	0.7	4
142	Systemic Inflammation and Cerebral Dysfunction. Annual Update in Intensive Care and Emergency Medicine, 2018, , 487-501.	0.1	0
143	Comparison of European ICU patients in 2012 (ICON) versus 2002 (SOAP). <i>Intensive Care Medicine</i> , 2018, 44, 337-344.	3.9	105
144	Rationale and Design of an Adaptive Phase 2b/3 Clinical Trial of Selepressin for Adults in Septic Shock. Selepressin Evaluation Programme for Sepsis-induced Shock – Adaptive Clinical Trial. <i>Annals of the American Thoracic Society</i> , 2018, 15, 250-257.	1.5	31

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145	Effects of the Humanized Anti-Adrenomedullin Antibody Adrecizumab (HAM8101) on Vascular Barrier Function and Survival in Rodent Models of Systemic Inflammation and Sepsis. <i>Shock</i> , 2018, 50, 648-654.	1.0	37
146	Vascular Effects of Adrenomedullin and the Anti-Adrenomedullin Antibody Adrecizumab in Sepsis. <i>Shock</i> , 2018, 50, 132-140.	1.0	58
147	763: ICU DELIRIUM, ITS DURATION, AND COMA/DELIRIUM DAYS: ASSOCIATION WITH 28- AND 90-DAY MORTALITY. <i>Critical Care Medicine</i> , 2018, 46, 368-368.	0.4	0
148	Effect of organisational factors on the variation in incidence of delirium in intensive care unit patients: A systematic review and meta-regression analysis. <i>Australian Critical Care</i> , 2018, 31, 180-187.	0.6	46
149	Crew Resource Management in the trauma room: a prospective 3-year cohort study. <i>European Journal of Emergency Medicine</i> , 2018, 25, 281-287.	0.5	13
150	Development and Validation of an Abbreviated Questionnaire to Easily Measure Cognitive Failure in ICU Survivors: A Multicenter Study. <i>Critical Care Medicine</i> , 2018, 46, 79-84.	0.4	26
151	Parenteral bilirubin in healthy volunteers: a reintroduction in translational research. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 268-279.	1.1	15
152	Effort but not Reward Sensitivity is Altered by Acute Sickness Induced by Experimental Endotoxemia in Humans. <i>Neuropsychopharmacology</i> , 2018, 43, 1107-1118.	2.8	59
153	Vasopressors Do Not Influence Cerebral Critical Closing Pressure During Systemic Inflammation Evoked by Experimental Endotoxemia and Sepsis in Humans. <i>Shock</i> , 2018, 49, 529-535.	1.0	11
154	Norepinephrine Contributes to Enterocyte Damage in Septic Shock Patients: A Prospective Cohort Study. <i>Shock</i> , 2018, 49, 137-143.	1.0	21
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164	Adrenomedullin and Adrenomedullin-Targeted Therapy As Treatment Strategies Relevant for Sepsis. <i>Frontiers in Immunology</i> , 2018, 9, 292.	2.2	87
165	Increased Plasma Levels of Danger-Associated Molecular Patterns Are Associated With Immune Suppression and Postoperative Infections in Patients Undergoing Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy. <i>Frontiers in Immunology</i> , 2018, 9, 663.	2.2	35
166	Temporal biomarker profiles and their association with ICU acquired delirium: a cohort study. <i>Critical Care</i> , 2018, 22, 137.	2.5	25
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169	Delirium prediction in the intensive care unit: comparison of two delirium prediction models. <i>Critical Care</i> , 2018, 22, 114.	2.5	42
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176	Short-term repeated HRV-16 exposure results in an attenuated immune response in vivo in humans. <i>PLoS ONE</i> , 2018, 13, e0191937.	1.1	5
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182	Adjuvant interferon-gamma immunotherapy in a patient with progressive cerebral Nocardia abscesses. <i>International Journal of Infectious Diseases</i> , 2017, 59, 25-28.	1.5	7
183	Acute kidney injury in the ICU: from injury to recovery: reports from the 5th Paris International Conference. <i>Annals of Intensive Care</i> , 2017, 7, 49.	2.2	100
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200	<sc>LPS</sc>-induced <i>ex vivo</i> Cytokine Production is Not Augmented in Patients with Von Hippel-Lindau Disease. <i>Scandinavian Journal of Immunology</i> , 2017, 86, 179-180.	1.3	2
201	Development and implementation of a clinical pathway for cardiac surgery in the intensive care unit: Effects on protocol adherence. <i>Journal of Evaluation in Clinical Practice</i> , 2017, 23, 1289-1298.	0.9	11
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211	Does high-dose perioperative use of statins ameliorate acute kidney injury following cardiac surgery?. <i>Journal of Thoracic Disease</i> , 2016, 8, E1235-E1237.	0.6	0
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219	Response to letter to editor. <i>International Journal of Pharmaceutics</i> , 2016, 503, 279-281.	2.6	0
220	Aspirin may improve outcome in sepsis by augmentation of the inflammatory response. <i>Intensive Care Medicine</i> , 2016, 42, 1096-1096.	3.9	5
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222	Inflammation-associated changes in lipid composition and the organization of the erythrocyte membrane. <i>BBA Clinical</i> , 2016, 5, 186-192.	4.1	49
223	Tubular Injury Biomarkers to Detect Gentamicin-Induced Acute Kidney Injury in the Neonatal Intensive Care Unit. <i>American Journal of Perinatology</i> , 2016, 33, 180-187.	0.6	23
224	Effect of dipyridamole on myocardial reperfusion injury: A double-blind randomized controlled trial in patients undergoing elective coronary artery bypass surgery. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 99, 381-389.	2.3	4
225	Antibody profiling identifies novel antigenic targets in spinal cord injury patients. <i>Journal of Neuroinflammation</i> , 2016, 13, 243.	3.1	21
226	Increased risk for secondary infections in trauma patients with viral reactivation. <i>Intensive Care Medicine</i> , 2016, 42, 1828-1829.	3.9	6
227	β -Glucan Reverses the Epigenetic State of LPS-Induced Immunological Tolerance. <i>Cell</i> , 2016, 167, 1354-1368.e14.	13.5	467
228	Effects of a human recombinant alkaline phosphatase on renal hemodynamics, oxygenation and inflammation in two models of acute kidney injury. <i>Toxicology and Applied Pharmacology</i> , 2016, 313, 88-96.	1.3	30
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230	Absence of association between whole blood viscosity and delirium after cardiac surgery: a case-controlled study. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 132.	0.4	0
231	Validation of the Dutch language version of the Safety Attitudes Questionnaire (SAQ-NL). <i>BMC Health Services Research</i> , 2016, 16, 385.	0.9	32
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234	Is this critically ill patient immunocompromised?. <i>Intensive Care Medicine</i> , 2016, 42, 1051-1054.	3.9	24

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243	Modulation of the Innate Immune Response through the Vagus Nerve. <i>Nephron</i> , 2015, 131, 79-84.	0.9	27
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254	Inflammation-Induced Increases in Plasma Endocan Levels are Associated With Endothelial Dysfunction in Humans in vivo. <i>Shock</i> , 2015, 43, 322-326.	1.0	53
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257	Hypoxia and hypoxia-mimetics attenuate the inflammatory response during murine endotoxemia. <i>Intensive Care Medicine Experimental</i> , 2015, 3, .	0.9	0
258	Development of a multicomponent intervention program to prevent delirium in intensive care unit patients. <i>Intensive Care Medicine Experimental</i> , 2015, 3, .	0.9	1
259	Sufficient sleep quality easily measured: a multicenter centre study in dutch ICUS. <i>Intensive Care Medicine Experimental</i> , 2015, 3, .	0.9	0
260	Human rhinovirus infection induces local and systemic immunological tolerance in healthy volunteers. <i>Intensive Care Medicine Experimental</i> , 2015, 3, .	0.9	0
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267	The authors reply. <i>Critical Care Medicine</i> , 2015, 43, e53.	0.4	0
268	Effect of metformin pretreatment on myocardial injury during coronary artery bypass surgery in patients without diabetes (MetCAB): a double-blind, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 615-623.	5.5	45
269	BCG Vaccination Enhances the Immunogenicity of Subsequent Influenza Vaccination in Healthy Volunteers: A Randomized, Placebo-Controlled Pilot Study. <i>Journal of Infectious Diseases</i> , 2015, 212, 1930-1938.	1.9	210
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272	Altered Micafungin Pharmacokinetics in Intensive Care Unit Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4403-4409.	1.4	48
273	Circulating iFABP Levels as a Marker of Intestinal Damage in Trauma Patients. <i>Shock</i> , 2015, 43, 117-120.	1.0	44
274	The Impact of Hospital and ICU Organizational Factors on Outcome in Critically Ill Patients. <i>Critical Care Medicine</i> , 2015, 43, 519-526.	0.4	170
275	The challenge of <i>Clostridium difficile</i> infection: Overview of clinical manifestations, diagnostic tools and therapeutic options. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, S47-S50.	1.1	19
276	Cell-type-specific downregulation of heme oxygenase-1 by lipopolysaccharide via Bach1 in primary human mononuclear cells. <i>Free Radical Biology and Medicine</i> , 2015, 78, 224-232.	1.3	21
277	Sepsis-induced immunoparalysis: mechanisms, markers, and treatment options. <i>Minerva Anestesiologica</i> , 2015, 81, 426-39.	0.6	73
278	The discriminative capacity of soluble Toll-like receptor (sTLR)2 and sTLR4 in inflammatory diseases. <i>BMC Immunology</i> , 2014, 15, 55.	0.9	54
279	The effect of iron loading and iron chelation on the innate immune response and subclinical organ injury during human endotoxemia: a randomized trial. <i>Haematologica</i> , 2014, 99, 579-587.	1.7	19
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284	A Unified Theory of Sepsis-Induced Acute Kidney Injury. <i>Shock</i> , 2014, 41, 3-11.	1.0	602
285	Mechanical Ventilationâ€™s Induced Intrathoracic Pressure Distribution and Heart-Lung Interactions*. <i>Critical Care Medicine</i> , 2014, 42, 1983-1990.	0.4	73
286	Management of Critically Ill Patientsâ€™Reply. <i>JAMA Internal Medicine</i> , 2014, 174, 477.	2.6	0
287	The Effects of Orally Administered Beta-Glucan on Innate Immune Responses in Humans, a Randomized Open-Label Intervention Pilot-Study. <i>PLoS ONE</i> , 2014, 9, e108794.	1.1	50
288	The Potential of Alkaline Phosphatase as a Treatment for Sepsis-Associated Acute Kidney Injury. <i>Nephron Clinical Practice</i> , 2014, 127, 144-148.	2.3	38

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290	Assessment of the worldwide burden of critical illness: the Intensive Care Over Nations (ICON) audit. <i>Lancet Respiratory Medicine</i> , 2014, 2, 380-386.	5.2	864
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292	Recalibration of the delirium prediction model for ICU patients (PRE-DELIRIC): a multinational observational study. <i>Intensive Care Medicine</i> , 2014, 40, 361-369.	3.9	107
293	Adrenomedullin: its double-edged sword during sepsis slices yet again. <i>Intensive Care Medicine Experimental</i> , 2014, 2, 1.	0.9	10
294	Alkaline Phosphatase: A Possible Treatment for Sepsis-Associated Acute Kidney Injury in Critically Ill Patients. <i>American Journal of Kidney Diseases</i> , 2014, 63, 1038-1048.	2.1	71
295	Voluntary activation of the sympathetic nervous system and attenuation of the innate immune response in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7379-7384.	3.3	185
296	Pharmacokinetics of caspofungin in ICU patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 3294-3299.	1.3	61
297	Just chilling out. <i>New Scientist</i> , 2014, 223, 26-27.	0.0	0
298	Noise pollution in the ICU: time to look into the mirror. <i>Critical Care</i> , 2014, 18, 493.	2.5	12
299	Trends in admission prevalence, illness severity and survival of haematological patients treated in Dutch intensive care units. <i>Intensive Care Medicine</i> , 2014, 40, 1275-1284.	3.9	75
300	Untangling ICU delirium: is establishing its prevention in high-risk patients the final frontier? Reply to van der Jagt et al.. <i>Intensive Care Medicine</i> , 2014, 40, 1183-1183.	3.9	3
301	Gender-specific differences in outcome after trauma may be explained by differences in immunity. <i>Critical Care</i> , 2014, 18, 418.	2.5	2
302	The furosemide stress test to predict renal function after continuous renal replacement therapy. <i>Critical Care</i> , 2014, 18, 429.	2.5	30
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464	ACTIVATION OF THE ATP-DEPENDENT POTASSIUM CHANNEL ATTENUATES NOREPINEPHRINE-INDUCED VASOCONSTRICTION IN THE HUMAN FOREARM. <i>Shock</i> , 2004, 22, 320-325.	1.0	9
465	Severe vagal response after endotoxin administration in humans. <i>Intensive Care Medicine</i> , 2004, 30, 2279-2281.	3.9	28
466	Emphysema and Pneumothorax After Percutaneous Tracheostomy. <i>Chest</i> , 2004, 125, 1805-1814.	0.4	104
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468	Only weak vasorelaxant properties of loop diuretics in isolated resistance arteries from man, rat and guinea pig. <i>European Journal of Pharmacology</i> , 2003, 466, 281-287.	1.7	11

#	ARTICLE	IF	CITATIONS
469	Calcitonin gene-related peptide: exploring its vasodilating mechanism of action in humans. <i>Clinical Pharmacology and Therapeutics</i> , 2003, 73, 312-321.	2.3	50
470	Vascular KATP channel blockade by glibenclamide, but not by acarbose, in patients with Type II diabetes. <i>Clinical Science</i> , 2002, 102, 307.	1.8	2
471	TNF α AND IL-1 β EXERT NO DIRECT VASOACTIVITY IN HUMAN ISOLATED RESISTANCE ARTERIES. <i>Cytokine</i> , 2002, 20, 244-246.	1.4	7
472	Vascular effects of glibenclamide vs. glimepiride and metformin in Type 2 diabetic patients. <i>Diabetic Medicine</i> , 2002, 19, 136-143.	1.2	25
473	In vivo evidence for KCa channel opening properties of acetazolamide in the human vasculature. <i>British Journal of Pharmacology</i> , 2001, 132, 443-450.	2.7	71
474	Inhibition of Carbonic Anhydrase Accounts for the Direct Vascular Effects of Hydrochlorothiazide. <i>Hypertension</i> , 1999, 33, 1043-1048.	1.3	122
475	Presence and Mechanism of Direct Vascular Effects of Amiloride in Humans. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 34, 388-393.	0.8	11
476	Thiazide-Induced Vasodilation in Humans Is Mediated by Potassium Channel Activation. <i>Hypertension</i> , 1998, 32, 1071-1076.	1.3	116
477	Direct Vascular Effects of Furosemide in Humans. <i>Circulation</i> , 1997, 96, 1847-1852.	1.6	98
478	Direct vasoactivity of frusemide. <i>Lancet</i> , The, 1996, 347, 1338-1339.	6.3	12
479	Vascular effects of loop diuretics. <i>Cardiovascular Research</i> , 1996, 32, 988-997.	1.8	55
480	Thiazide-induced hyperglycaemia: A role for calcium-activated potassium channels?. <i>Diabetologia</i> , 1996, 39, 861-864.	2.9	9
481	Hydrochlorothiazide exerts no direct vasoactivity in the human forearm. <i>Journal of Hypertension</i> , 1995, 13, 1833-1836.	0.3	6
482	Relaxation and decrease in [Ca ²⁺] _i by hydrochlorothiazide in guinea pig isolated mesenteric arteries. <i>British Journal of Pharmacology</i> , 1995, 114, 703-707.	2.7	29
483	Do KCa channels and carbonic anhydrase play a role in thiazide-induced hyperglycaemia?. <i>Journal of Human Hypertension</i> , 1995, 9, 691-3.	1.0	2
484	Hydrochlorothiazide exerts no direct vasoactivity in the human forearm. <i>Journal of Hypertension</i> , 1995, 13, 1833-6.	0.3	2