

Alain Rudiger

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

5,390
citations

117625

34
h-index

88630

70
g-index

97
all docs

97
docs citations

97
times ranked

7748
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunoglobulin signature predicts risk of post-acute COVID-19 syndrome. Nature Communications, 2022, 13, 446.	12.8	146
2	Autoantibodies in COVID-19 correlate with antiviral humoral responses and distinct immune signatures. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2415-2430.	5.7	32
3	T-cell recovery and evidence of persistent immune activation 12 months after severe COVID-19. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2468-2481.	5.7	20
4	Extracorporeal life support as bridge to recovery in yew poisoning: case reports and literature review. ESC Heart Failure, 2021, 8, 705-709.	3.1	16
5	Systemic and mucosal antibody responses specific to SARS-CoV-2 during mild versus severe COVID-19. Journal of Allergy and Clinical Immunology, 2021, 147, 545-557.e9.	2.9	316
6	Benralizumab in eosinophilic granulomatosis with polyangiitis complicated by Staphylococcus aureus sepsis. Clinical Immunology, 2021, 222, 108574.	3.2	8
7	A distinct innate immune signature marks progression from mild to severe COVID-19. Cell Reports Medicine, 2021, 2, 100166.	6.5	102
8	Haptoglobin treatment prevents cell-free hemoglobin exacerbated mortality in experimental rat sepsis. Intensive Care Medicine Experimental, 2021, 9, 22.	1.9	7
9	Profound dysregulation of T cell homeostasis and function in patients with severe COVID-19. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2866-2881.	5.7	59
10	Outcome, demography and resource utilization in ICU Patients with delirium and malignancy. Scientific Reports, 2021, 11, 18756.	3.3	6
11	Delirium in the intensive care setting dependent on the Richmond Agitation and Sedation Scale (RASS): Inattention and visuo-spatial impairment as potential screening domains. Palliative and Supportive Care, 2020, 18, 148-157.	1.0	2
12	Grave and Pernicious Anemia Presenting as Pancytopenia. American Journal of Medicine, 2020, 133, e302-e303.	1.5	0
13	Cardiovascular Safety of Clonidine and Dexmedetomidine in Critically Ill Patients after Cardiac Surgery. Critical Care Research and Practice, 2020, 2020, 1-8.	1.1	2
14	Levosimendan Efficacy and Safety: 20 Years of SIMDAX in Clinical Use. Journal of Cardiovascular Pharmacology, 2020, 76, 4-22.	1.9	49
15	Hemodynamic response of restoring sinus rhythm in critically ill patients with atrial fibrillation. American Journal of Emergency Medicine, 2020, 38, 1192-1194.	1.6	1
16	Acute coronary syndromes and acute heart failure: a diagnostic dilemma and high-risk combination. A statement from the Acute Heart Failure Committee of the Heart Failure Association of the European Society of Cardiology. European Journal of Heart Failure, 2020, 22, 1298-1314.	7.1	50
17	QTc prolongation after haloperidol administration in critically ill patients post cardiovascular surgery: A cohort study and review of the literature. Palliative and Supportive Care, 2020, 18, 447-459.	1.0	2
18	Levosimendan Efficacy and Safety: 20 years of SIMDAX in Clinical Use. Cardiac Failure Review, 2020, 6, e19.	3.0	37

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19	Screening for delirium with the Intensive Care Delirium Screening Checklist (ICDSC): Symptom profile and utility of individual items in the identification of delirium dependent on the level of sedation. Palliative and Supportive Care, 2019, 17, 74-81.	1.0	5
20	Use of Levosimendan in Intensive Care Unit Settings: An Opinion Paper. Journal of Cardiovascular Pharmacology, 2019, 73, 3-14.	1.9	36
21	Pulsatile arterial blood pressure mimicking aortic valve opening during continuous-flow LVAD support: a case report. Journal of Cardiothoracic Surgery, 2019, 14, 219.	1.1	4
22	Outcome of inter-hospital transfer of patients on extracorporeal membrane oxygenation in Switzerland. Swiss Medical Weekly, 2019, 149, w20054.	1.6	10
23	Comparison of Levosimendan and Milrinone for ECLS Weaning in Patients After Cardiac Surgeryâ€”A Retrospective Before-and-After Study. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 2112-2119.	1.3	39
24	Comprehensive in-hospital monitoring in acute heart failure: applications for clinical practice and future directions for research. A statement from the Acute Heart Failure Committee of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). European Journal of Heart Failure, 2018, 20, 1081-1099.	7.1	57
25	Optimising Heart Failure Therapies in the Acute Setting. Cardiac Failure Review, 2018, 4, 1.	3.0	24
26	Heart rate elevations during early sepsis predict death in fluid-resuscitated rats with fecal peritonitis. Intensive Care Medicine Experimental, 2018, 6, 28.	1.9	11
27	A hospital-wide evaluation of delirium prevalence and outcomes in acute care patients - a cohort study. BMC Health Services Research, 2018, 18, 550.	2.2	115
28	Length of ICU Stay After Cardiac Surgery: Too Long or Too Short?. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 2692-2693.	1.3	6
29	New-onset atrial fibrillation in critically ill patients and its association with mortality: A report from the FROG-ICU study. International Journal of Cardiology, 2018, 266, 95-99.	1.7	46
30	Screening for delirium with the Intensive Care Delirium Screening Checklist (ICDSC): a re-evaluation of the threshold for delirium. Swiss Medical Weekly, 2018, 148, w14597.	1.6	14
31	Delirium in the intensive care setting: A reevaluation of the validity of the CAMâ€”ICU and ICDSC versus the DSMâ€”IVâ€”TR in determining a diagnosis of delirium as part of the daily clinical routine. Palliative and Supportive Care, 2017, 15, 675-683.	1.0	35
32	Improving animal welfare using continuous nalbuphine infusion in a long-term rat model of sepsis. Intensive Care Medicine Experimental, 2017, 5, 23.	1.9	13
33	Organ dysfunction, injury and failure in acute heart failure: from pathophysiology to diagnosis and management. A review on behalf of the Acute Heart Failure Committee of the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). European Journal of Heart Failure, 2017, 19, 821-836.	7.1	252
34	Dexmedetomidine-Associated Hyperthermia: A Series of 9 Cases and a Review of the Literature. Anesthesia and Analgesia, 2017, 125, 1898-1906.	2.2	18
35	Delirium in the intensive care setting and the Richmond Agitation and Sedation Scale (RASS): Drowsiness increases the risk and is subthreshold for delirium. Journal of Psychosomatic Research, 2017, 103, 133-139.	2.6	13
36	Response to: Comment on â€œManagement of Atrial Fibrillation in Critically Ill Patientsâ€œ. Critical Care Research and Practice, 2016, 2016, 1-1.	1.1	0

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37	Analgesia in clinically relevant rodent models of sepsis. <i>Laboratory Animals</i> , 2016, 50, 418-426.	1.0	14
38	Intra-operative events during cardiac surgery are risk factors for the development of delirium in the ICU. <i>Critical Care</i> , 2016, 20, 264.	5.8	39
39	Decatecholaminisation during sepsis. <i>Critical Care</i> , 2016, 20, 309.	5.8	25
40	Contemporary management of acute right ventricular failure: a statement from the Heart Failure Association and the Working Group on Pulmonary Circulation and Right Ventricular Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2016, 18, 226-241.	7.1	455
41	Left Main Artery Thrombus Complicating Heart Transplantation in a Patient With Heparin-Induced Thrombocytopenia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1334-1336.	1.3	5
42	Shock Management for Cardio-surgical Intensive Care Unit Patient: The Silver Days. <i>Cardiac Failure Review</i> , 2016, 2, 56.	3.0	9
43	Disappointing Success of Electrical Cardioversion for New-Onset Atrial Fibrillation in Cardiosurgical ICU Patients*. <i>Critical Care Medicine</i> , 2015, 43, 2354-2359.	0.9	28
44	Shock Management For Cardio-Surgical ICU Patients â€” The Golden Hours. <i>Cardiac Failure Review</i> , 2015, 1, 75.	3.0	14
45	The patient perspective: Quality of life in advanced heart failure with frequent hospitalisations. <i>International Journal of Cardiology</i> , 2015, 191, 256-264.	1.7	125
46	Understanding cardiogenic shock. <i>European Journal of Heart Failure</i> , 2015, 17, 466-467.	7.1	11
47	First description of successful weaning from ECMO in a patient with Eisenmenger syndrome after repair of pulmonary artery dissection. <i>International Journal of Cardiology</i> , 2015, 187, 144-145.	1.7	9
48	Preoperative and perioperative use of levosimendan in cardiac surgery: European expert opinion. <i>International Journal of Cardiology</i> , 2015, 184, 323-336.	1.7	86
49	Recurrent Clotting of a Continuous-Flow Right Ventricular Assist Deviceâ€”Repeated Thrombolysis With Two Different Protocols. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 1614-1617.	1.3	5
50	Pancreatic Stone Protein Predicts Postoperative Infection in Cardiac Surgery Patients Irrespective of Cardiopulmonary Bypass or Surgical Technique. <i>PLoS ONE</i> , 2015, 10, e0120276.	2.5	19
51	Platelet Consumption and Filter Clotting Using Two Different Membrane Sizes during Continuous Venovenous Haemodiafiltration in the Intensive Care Unit. <i>Critical Care Research and Practice</i> , 2014, 2014, 1-8.	1.1	4
52	Suitability, Efficacy, and Safety of Vernakalant for New Onset Atrial Fibrillation in Critically Ill Patients. <i>Critical Care Research and Practice</i> , 2014, 2014, 1-7.	1.1	5
53	Management of Atrial Fibrillation in Critically Ill Patients. <i>Critical Care Research and Practice</i> , 2014, 2014, 1-10.	1.1	45
54	The Heart in Sepsis: From Basic Mechanisms to Clinical Management. <i>Current Vascular Pharmacology</i> , 2013, 11, 187-195.	1.7	4

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55	Early functional and transcriptomic changes in the myocardium predict outcome in a long-term rat model of sepsis. <i>Clinical Science</i> , 2013, 124, 391-401.	4.3	62
56	Systemic Inflammation After Myocardial Infarction*. <i>Critical Care Medicine</i> , 2013, 41, 2223-2224.	0.9	4
57	Pharmacokinetics of Daily Daptomycin in Critically Ill Patients Undergoing Continuous Renal Replacement Therapy. <i>Chemotherapy</i> , 2013, 59, 143-151.	1.6	22
58	The heart in sepsis: from basic mechanisms to clinical management. <i>Current Vascular Pharmacology</i> , 2013, 11, 187-95.	1.7	74
59	Liver Dysfunction and Phosphatidylinositol-3-Kinase Signalling in Early Sepsis: Experimental Studies in Rodent Models of Peritonitis. <i>PLoS Medicine</i> , 2012, 9, e1001338.	8.4	152
60	Acute kidney injury. <i>Lancet, The</i> , 2012, 380, 1904.	13.7	6
61	Liver Transplantation because of Acute Liver Failure due to Heme Arginate Overdose in a Patient with Acute Intermittent Porphyria. <i>Case Reports in Gastroenterology</i> , 2012, 6, 190-196.	0.6	25
62	Neurologically intact survival despite severe sepsis-induced hypoglycemia: a case report. <i>American Journal of Emergency Medicine</i> , 2011, 29, 696.e1-696.e2.	1.6	1
63	Daptomycin pharmacokinetics in critically ill patients undergoing continuous renal replacement therapy. <i>Critical Care Medicine</i> , 2011, 39, 1243-1244.	0.9	19
64	How to diagnose ECG artifacts due to electrode misplacements. <i>Intensive Care Medicine</i> , 2011, 37, 891-892.	8.2	2
65	Temporal changes in tissue cardiorespiratory function during faecal peritonitis. <i>Intensive Care Medicine</i> , 2011, 37, 1192-1200.	8.2	41
66	Beta-block the septic heart. <i>Critical Care Medicine</i> , 2010, 38, S608-S612.	0.9	88
67	Cardioprotection, attenuated systemic inflammation, and survival benefit of β_1 -adrenoceptor blockade in severe sepsis in rats*. <i>Critical Care Medicine</i> , 2010, 38, 388-394.	0.9	181
68	Laparoscopic epilepsy surgery. <i>Intensive Care Medicine</i> , 2010, 36, 367-368.	8.2	2
69	The frequency of electrocardiographic errors due to electrode cable switches: a before and after study. <i>Journal of Electrocardiology</i> , 2010, 43, 676-681.	0.9	9
70	Trimethoprim/Sulfamethoxazole Pharmacokinetics in Two Patients Undergoing Continuous Venovenous Hemodiafiltration. <i>Annals of Pharmacotherapy</i> , 2010, 44, 1669-1672.	1.9	14
71	Oxygen consumption is depressed in patients with lactic acidosis due to biguanide intoxication. <i>Critical Care</i> , 2010, 14, R22.	5.8	73
72	Clinical review: Practical recommendations on the management of perioperative heart failure in cardiac surgery. <i>Critical Care</i> , 2010, 14, 201.	5.8	158

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73	The impact of infections on critically ill acute heart failure patients: an observational study. Swiss Medical Weekly, 2010, 140, w13125.	1.6	4
74	Transpulmonary thermodilution-derived cardiac function index identifies cardiac dysfunction in acute heart failure and septic patients: an observational study. Critical Care, 2009, 13, R133.	5.8	63
75	Portal vein thrombus and liver failure in a patient with pheochromocytoma crisis. American Journal of Emergency Medicine, 2009, 27, 630.e3-630.e5.	1.6	10
76	Valproic acid intoxication imitating brain death. American Journal of Emergency Medicine, 2009, 27, 1177.e5-1177.e6.	1.6	23
77	In critically ill patients, B-type natriuretic peptide (BNP) and N-terminal pro-BNP levels correlate with C-reactive protein values and leukocyte counts. International Journal of Cardiology, 2008, 126, 28-31.	1.7	38
78	Cellular processes in sepsis. Swiss Medical Weekly, 2008, 138, 629-34.	1.6	29
79	Succinate recovers mitochondrial oxygen consumption in septic rat skeletal muscle. Critical Care Medicine, 2007, 35, 2150-2155.	0.9	66
80	Mechanisms of sepsis-induced cardiac dysfunction. Critical Care Medicine, 2007, 35, 1599-1608.	0.9	612
81	Natriuretic peptide levels in patients with severe sepsis, septic shock, and acute heart failure. Critical Care Medicine, 2007, 35, 683-684.	0.9	2
82	Electrocardiographic artifacts due to electrode misplacement and their frequency in different clinical settings. American Journal of Emergency Medicine, 2007, 25, 174-178.	1.6	92
83	Laser Doppler flowmetry for assessing localized scleroderma in children. Arthritis and Rheumatism, 2007, 56, 3489-3495.	6.7	84
84	Disruption of methylarginine metabolism impairs vascular homeostasis. Nature Medicine, 2007, 13, 198-203.	30.7	370
85	The relative lymphocyte count on hospital admission is a risk factor for long-term mortality in patients with acute heart failure. American Journal of Emergency Medicine, 2006, 24, 451-454.	1.6	116
86	Comparable increase of B-type natriuretic peptide and amino-terminal pro-B-type natriuretic peptide levels in patients with severe sepsis, septic shock, and acute heart failure*. Critical Care Medicine, 2006, 34, 2140-2144.	0.9	222
87	Acute heart failure: Clinical presentation, one-year mortality and prognostic factors. European Journal of Heart Failure, 2005, 7, 662-670.	7.1	143
88	Frequency and outcome of in-hospital resuscitation outside the ICU-setting. Swiss Medical Weekly, 2004, 134, 59-62.	1.6	9
89	Influence of electrode misplacement on the electrocardiographic signs of inferior myocardial ischemia. American Journal of Emergency Medicine, 2003, 21, 574-577.	1.6	34
90	Immunoglobulin Signature Predicts Risk of Post-Acute Covid-19 Syndrome. SSRN Electronic Journal, 0, ,.	0.4	3