Stefan Kluge

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9591672/publications.pdf

Version: 2024-02-01

119 papers	8,534 citations	33 h-index	4	87 g-index
131 all docs	131 docs citations	131 times ranked		16520 citing authors

#	Article	IF	CITATIONS
1	Key summary of German national treatment guidance for hospitalized COVID-19 patients. Infection, 2022, 50, 93-106.	4.7	30
2	A recurrent machine learning model predicts intracranial hypertension in neurointensive care patients. Brain, 2022, 145, 2910-2919.	7.6	22
3	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. European Heart Journal, 2022, 43, 1124-1137.	2.2	111
4	Impaired Degradation of Neutrophil Extracellular Traps: A Possible Severity Factor of Elderly Male COVID-19 Patients. Journal of Innate Immunity, 2022, 14, 461-476.	3.8	7
5	Replication of SARS-CoV-2 in adipose tissue determines organ and systemic lipid metabolism in hamsters and humans. Cell Metabolism, 2022, 34, 1-2.	16.2	37
6	Observational study of changes in utilization and outcomes in mechanical ventilation in COVID-19. PLoS ONE, 2022, 17, e0262315.	2.5	21
7	The prevalence of early†and lateâ€onset bacterial, viral, and fungal respiratory superinfections in invasively ventilated COVIDâ€19 patients. Journal of Medical Virology, 2022, 94, 1920-1925.	5.0	20
8	Veno-venous extracorporeal membrane oxygenation (vv-ECMO) for severe respiratory failure in adult cancer patients: a retrospective multicenter analysis. Intensive Care Medicine, 2022, 48, 332-342.	8.2	25
9	A dosing nomograph for cerebrospinal fluid penetration of meropenem applied by continuous infusion in patients with nosocomial ventriculitis. Clinical Microbiology and Infection, 2022, 28, 1022.e9-1022.e16.	6.0	5
10	Molecular consequences of SARS-CoV-2 liver tropism. Nature Metabolism, 2022, 4, 310-319.	11.9	98
11	Single-dose of adrecizumab versus placebo in acute cardiogenic shock (ACCOST-HH): an investigator-initiated, randomised, double-blinded, placebo-controlled, multicentre trial. Lancet Respiratory Medicine,the, 2022, 10, 247-254.	10.7	12
12	Percutaneous dilatational tracheostomy with single use bronchoscopes versus reusable bronchoscopes – a prospective randomized trial (TraSUB). BMC Anesthesiology, 2022, 22, 90.	1.8	1
13	German S3 Guideline: Oxygen Therapy in the Acute Care of Adult Patients. Respiration, 2022, 101, 214-252.	2.6	15
14	Association of COVID-19 with Intracranial Hemorrhage during Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome: A 10-Year Retrospective Observational Study. Journal of Clinical Medicine, 2022, 11, 28.	2.4	8
15	New Insights in the Occurrence of Venous Thromboembolism in Critically III Patients with COVID-19—A Large Postmortem and Clinical Analysis. Viruses, 2022, 14, 811.	3.3	3
16	Ciprofloxacin in Patients Undergoing Extracorporeal Membrane Oxygenation (ECMO): A Population Pharmacokinetic Study. Pharmaceutics, 2022, 14, 965.	4.5	4
17	Respiratory muscle dysfunction in long-COVID patients. Infection, 2022, 50, 1391-1397.	4.7	14
18	Comparison of four diagnostic criteria for invasive pulmonary aspergillosis—A diagnostic accuracy study in critically ill patients. Mycoses, 2022, 65, 824-833.	4.0	6

#	Article	IF	CITATIONS
19	(1 â†' 3)-β-d-Glucan-guided antifungal therapy in adults with sepsis: the CandiSep randomized clinical tri Intensive Care Medicine, 2022, 48, 865-875.	al _{8.2}	22
20	The Effect of Renal Replacement Therapy and Antibiotic Dose on Antibiotic Concentrations in Critically III Patients: Data From the Multinational Sampling Antibiotics in Renal Replacement Therapy Study. Clinical Infectious Diseases, 2021, 72, 1369-1378.	5.8	85
21	Bilateral Hematothorax Without Hematemesis—An Unusual Presentation of Variceal Bleeding. Hepatology, 2021, 73, 1233-1235.	7.3	0
22	Mechanical ventilation and mortality among 223 critically ill patients with coronavirus disease 2019: A multicentric study in Germany. Australian Critical Care, 2021, 34, 167-175.	1.3	77
23	Liver transplantation for acuteâ€onâ€chronic liver failure predicts postâ€transplant mortality and impaired longâ€term quality of life. Liver International, 2021, 41, 574-584.	3.9	19
24	Impact of therapeutic hypothermia on bleeding events in adult patients treated with extracorporeal life support peri-cardiac arrest. Journal of Critical Care, 2021, 62, 12-18.	2.2	12
25	High estradiol and low testosterone levels are associated with critical illness in male but not in female COVID-19 patients: a retrospective cohort study. Emerging Microbes and Infections, 2021, 10, 1807-1818.	6.5	54
26	Validation and Application of an HPLC-UV Method for Routine Therapeutic Drug Monitoring of Cefiderocol. Antibiotics, 2021, 10, 242.	3.7	6
27	Clonal expansion and activation of tissue-resident memory-like T $<$ sub $>$ H $<$ /sub $>$ 17 cells expressing GM-CSF in the lungs of patients with severe COVID-19. Science Immunology, 2021, 6, .	11.9	125
28	Comparison of clinical characteristics and disease outcome of COVID-19 and seasonal influenza. Scientific Reports, 2021, 11, 5803.	3.3	40
29	Cerebrovascular autoregulation and arterial carbon dioxide in patients with acute respiratory distress syndrome: a prospective observational cohort study. Annals of Intensive Care, 2021, 11, 47.	4.6	6
30	Severe liver dysfunction complicating course of COVID-19 in the critically ill: multifactorial cause or direct viral effect?. Annals of Intensive Care, 2021, 11, 44.	4.6	20
31	Conservative management of COVID-19 associated hypoxaemia. ERJ Open Research, 2021, 7, 00113-2021.	2.6	4
32	Prognostic Value of Bioactive Adrenomedullin in Critically Ill Patients with COVID-19 in Germany: An Observational Cohort Study. Journal of Clinical Medicine, 2021, 10, 1667.	2.4	15
33	MR-proAdrenomedullin as a predictor of renal replacement therapy in a cohort of critically ill patients with COVID-19. Biomarkers, 2021, 26, 417-424.	1.9	14
34	Urinary Levels of SARS-CoV-2 Nucleocapsid Protein Associate With Risk of AKI and COVID-19 Severity: A Single-Center Observational Study. Frontiers in Medicine, 2021, 8, 644715.	2.6	11
35	Defective NET clearance contributes to sustained FXII activation in COVID-19-associated pulmonary thrombo-inflammation. EBioMedicine, 2021, 67, 103382.	6.1	61
36	Sepsisâ€"Pathophysiology and Therapeutic Concepts. Frontiers in Medicine, 2021, 8, 628302.	2.6	133

#	Article	IF	Citations
37	Cefiderocol in Critically Ill Patients with Multi-Drug Resistant Pathogens: Real-Life Data on Pharmacokinetics and Microbiological Surveillance. Antibiotics, 2021, 10, 649.	3.7	17
38	Patient Characteristics and Clinical Course of COVID-19 Patients Treated at a German Tertiary Center during the First and Second Waves in the Year 2020. Journal of Clinical Medicine, 2021, 10, 2274.	2.4	19
39	Multi-dimensional and longitudinal systems profiling reveals predictive pattern of severe COVID-19. IScience, 2021, 24, 102752.	4.1	9
40	In Reply. Deutsches Ärzteblatt International, 2021, 118, 376-377.	0.9	1
41	Pharmacokinetics of meropenem during advanced organ support (ADVOS [®]) and continuous renal replacement therapy. International Journal of Artificial Organs, 2021, 44, 783-786.	1.4	2
42	Convalescent plasma treatment for early postâ€kidney transplant acquired COVIDâ€19. Transplant Infectious Disease, 2021, 23, e13685.	1.7	5
43	Validation of a Prospective Urinalysis-Based Prediction Model for ICU Resources and Outcome of COVID-19 Disease: A Multicenter Cohort Study. Journal of Clinical Medicine, 2021, 10, 3049.	2.4	12
44	Recommendations on Inpatient Treatment of Patients With COVID-19. Deutsches A& $\#x0308$; $rzteblatt$ International, 2021, 118, .	0.9	35
45	SARS-CoV-2 Blood RNA Load Predicts Outcome in Critically III COVID-19 Patients. Open Forum Infectious Diseases, 2021, 8, ofab509.	0.9	13
46	Voriconazole Pharmacokinetics Are Not Altered in Critically Ill Patients with Acute-on-Chronic Liver Failure and Continuous Renal Replacement Therapy: An Observational Study. Microorganisms, 2021, 9, 2087.	3.6	3
47	Aspergillosis: Emerging risk groups in critically ill patients. Medical Mycology, 2021, 60, .	0.7	17
48	Dynamics of Vascular Protective and Immune Supportive Sphingosine-1-Phosphate During Cardiac Surgery. Frontiers in Immunology, 2021, 12, 761475.	4.8	4
49	Clinical practice guideline: Recommendations on the in-hospital treatment of patients with COVID-19. Deutsches Ärzteblatt International, 2021, , .	0.9	15
50	Tracheal Tube-Mounted Camera Assisted Intubation vs. Videolaryngoscopy in Expected Difficult Airway: A Prospective, Randomized Trial (VivaOP Trial). Frontiers in Medicine, 2021, 8, 767182.	2.6	5
51	Ten Years of Urgent Care of Ruptured Abdominal Aortic Aneurysms in aÂHigh-Volume-Center. Annals of Vascular Surgery, 2020, 64, 88-98.	0.9	1
52	Epidemiology of intensive care unit cardiac arrest: Characteristics, comorbidities, and post-cardiac arrest organ failure — A prospective observational study. Resuscitation, 2020, 156, 92-98.	3.0	16
53	Perforation of the ascending colon during implantation of an indwelling peritoneal catheter: a case report. BMC Gastroenterology, 2020, 20, 345.	2.0	1
54	Effect of Regional Citrate Anticoagulation vs Systemic Heparin Anticoagulation During Continuous Kidney Replacement Therapy on Dialysis Filter Life Span and Mortality Among Critically III Patients With Acute Kidney Injury. JAMA - Journal of the American Medical Association, 2020, 324, 1629.	7.4	145

#	Article	IF	CITATIONS
55	Autopsy Findings and Venous Thromboembolism in Patients With COVID-19. Annals of Internal Medicine, 2020, 173, 268-277.	3.9	1,954
56	Use of Intravenous Immunoglobulins in Sepsis Therapy—A Clinical View. International Journal of Molecular Sciences, 2020, 21, 5543.	4.1	26
57	Case characteristics, resource use, and outcomes of 10â€^021 patients with COVID-19 admitted to 920 German hospitals: an observational study. Lancet Respiratory Medicine,the, 2020, 8, 853-862.	10.7	628
58	S1P lyase inhibition protects against sepsis by promoting disease tolerance via the S1P/S1PR3 axis. EBioMedicine, 2020, 58, 102898.	6.1	17
59	SARS-CoV-2 renal tropism associates with acute kidney injury. Lancet, The, 2020, 396, 597-598.	13.7	253
60	Central Venous-Arterial CO2 Difference in Cardiac Surgery Patients—A Parameter in Relationship to Cardiac Output and Altered Microcirculatory Blood Flow. Shock, 2020, 54, 273-274.	2.1	0
61	Targeting Endothelial Dysfunction in Eight Extreme-Critically Ill Patients with COVID-19 Using the Anti-Adrenomedullin Antibody Adrecizumab (HAM8101). Biomolecules, 2020, 10, 1171.	4.0	21
62	Hyperammonemia by Ureaplasma urealyticum Pneumonia after Lung Transplantation. Respiratory Medicine Case Reports, 2020, 30, 101080.	0.4	10
63	Multiorgan and Renal Tropism of SARS-CoV-2. New England Journal of Medicine, 2020, 383, 590-592.	27.0	1,523
64	Coagulopathy in COVID-19 and Its Implication for Safe and Efficacious Thromboprophylaxis. Hamostaseologie, 2020, 40, 264-269.	1.9	74
65	Impact of Inaccurate Documentation of Sampling and Infusion Time in Model-Informed Precision Dosing. Frontiers in Pharmacology, 2020, 11, 172.	3.5	26
66	Effect of Intravenous Interferon \hat{l}^2 -1a on Death and Days Free From Mechanical Ventilation Among Patients With Moderate to Severe Acute Respiratory Distress Syndrome. JAMA - Journal of the American Medical Association, 2020, 323, 725.	7.4	97
67	Acute-on-chronic liver failure alters meropenem pharmacokinetics in critically ill patients with continuous hemodialysis: an observational study. Annals of Intensive Care, 2020, 10, 48.	4.6	13
68	Advanced organ support (ADVOS) in the critically ill: first clinical experience in patients with multiple organ failure. Annals of Intensive Care, 2020, 10, 96.	4.6	13
69	Epidemiology, clinical characteristics, and outcome of candidemia in critically ill patients in Germany: a single-center retrospective 10-year analysis. Annals of Intensive Care, 2020, 10, 142.	4.6	39
70	Feasibility, safety, and resource utilisation of active mobilisation of patients on extracorporeal life support: a prospective observational study. Annals of Intensive Care, 2020, 10, 161.	4.6	20
71	Analyses of sphingosineâ€1â€phosphate in the context of transfusion: how much is in stored blood products and in patient blood?. Transfusion, 2019, 59, 3071-3076.	1.6	6
72	Low-flow CO2 removal in combination with renal replacement therapy effectively reduces ventilation requirements in hypercapnic patients: a pilot study. Annals of Intensive Care, 2019, 9, 3.	4.6	23

#	Article	IF	CITATIONS
73	The chronic ICU patient: Is intensive care worthwhile for patients with very prolonged ICU-stay (≥) Tj ETQq1	1 0 ₂ 784314	rgBT /Over
74	Regional citrate versus systemic heparin anticoagulation for continuous renal replacement therapy in critically ill patients with acute kidney injury (RICH) trial: study protocol for a multicentre, randomised controlled trial. BMJ Open, 2019, 9, e024411.	1.9	23
75	Successful therapy of massive risperidoneâ€induced rhabdomyolysis using different dialysis and adsorber devices: A case report. Artificial Organs, 2019, 43, 1113-1115.	1.9	4
76	Increased admission central venous-arterial CO2 difference predicts ICU-mortality in adult cardiac surgery patients. Heart and Lung: Journal of Acute and Critical Care, 2019, 48, 421-427.	1.6	7
77	Loss of sphingosine 1-phosphate (S1P) in septic shock is predominantly caused by decreased levels of high-density lipoproteins (HDL). Journal of Intensive Care, 2019, 7, 23.	2.9	37
78	2279. Study of Prescribing patterns and Effectiveness of Ceftolozane–tazobactam (C/T): Real-world Analysis (SPECTRA): a multi-national, multicenter observational study. Open Forum Infectious Diseases, 2019, 6, S780-S781.	0.9	0
79	Recommendations for extracorporeal cardiopulmonary resuscitation (eCPR): consensus statement of DGIIN, DGK, DGTHG, DGfk, DGNI, DGAI, DIVI and GRC. Clinical Research in Cardiology, 2019, 108, 455-464.	3.3	81
80	A rare case of septic shock due to Neisseria meningitidis serogroup B infection despite prior vaccination in a young adult with paroxysmal nocturnal haemoglobinuria receiving eculizumab. Vaccine, 2018, 36, 2507-2509.	3.8	20
81	A comparison of volume clamp method-based continuous noninvasive cardiac output (CNCO) measurement versus intermittent pulmonary artery thermodilution in postoperative cardiothoracic surgery patients. Journal of Clinical Monitoring and Computing, 2018, 32, 235-244.	1.6	21
82	Lung aeration and ventilation after percutaneous tracheotomy measured by electrical impedance tomography in non-hypoxemic critically ill patients: a prospective observational study. Annals of Intensive Care, 2018, 8, 110.	4.6	3
83	Base excess is superior to lactate-levels in prediction of ICU mortality after cardiac surgery. PLoS ONE, 2018, 13, e0205309.	2.5	23
84	Symmetrical (SDMA) and asymmetrical dimethylarginine (ADMA) in sepsis: high plasma levels as combined risk markers for sepsis survival. Critical Care, 2018, 22, 216.	5 . 8	27
85	Intrathecal penetration of meropenem and vancomycin administered by continuous infusion in patients suffering from ventriculitis—a retrospective analysis. Acta Neurochirurgica, 2018, 160, 2099-2105.	1.7	17
86	Effect of a combined brief narrative exposure therapy with case management versus treatment as usual in primary care for patients with traumatic stress sequelae following intensive care medicine: study protocol for a multicenter randomized controlled trial (PICTURE). Trials, 2018, 19, 480.	1.6	8
87	Endoscopic lung volume reduction coil treatment in patients with very low FEV1: an observational study. Therapeutic Advances in Respiratory Disease, 2018, 12, 175346661876013.	2.6	4
88	Carbapenem-resistant Gram-negative pathogens in a German university medical center: Prevalence, clinical implications and the role of novel \hat{l}^2 -lactam/ \hat{l}^2 -lactamase inhibitor combinations. PLoS ONE, 2018, 13, e0195757.	2.5	54
89	Efficacy of introducing a checklist to reduce central venous line associated bloodstream infections in the ICU caring for adult patients. BMC Infectious Diseases, 2018, 18, 267.	2.9	25
90	Pharmacokinetics of meropenem in septic patients on sustained low-efficiency dialysis: a population pharmacokinetic study. Critical Care, 2018, 22, 25.	5.8	28

#	Article	IF	Citations
91	Comparing fiberoptic bronchoscopy and a tracheal tube-mounted camera-guided percutaneous dilatational tracheostomy: authors' reply. Critical Care, 2018, 22, 84.	5.8	1
92	Risk factors for excessively prolonged meropenem use in the intensive care setting: a case-control study. BMC Infectious Diseases, 2017, 17, 131.	2.9	5
93	Irreversible Total Loss of Brain Function and Organ Donation in Patients with Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2017, 105, 492-497.	1.3	3
94	Endoscopic lung volume reduction coil treatment in patients with chronic hypercapnic respiratory failure: an observational study. Therapeutic Advances in Respiratory Disease, 2017, 11, 9-19.	2.6	7
95	Serum bile acids in patients with hepatopulmonary syndrome. Zeitschrift Fur Gastroenterologie, 2017, 55, 361-367.	0.5	9
96	Host DNases prevent vascular occlusion by neutrophil extracellular traps. Science, 2017, 358, 1202-1206.	12.6	426
97	Allogenic Blood Transfusion is Associated with Poor Perioperative and Longâ€√erm Outcome in Esophageal Cancer. World Journal of Surgery, 2017, 41, 208-215.	1.6	35
98	Diagnostic Value of Positron Emission Tomography Combined with Computed Tomography for Evaluating Critically III Neurological Patients. Frontiers in Neurology, 2017, 8, 33.	2.4	11
99	Markers of nitric oxide are associated with sepsis severity: an observational study. Critical Care, 2017, 21, 189.	5.8	66
100	Bronchoscopy versus an endotracheal tube mounted camera for the peri-interventional visualization of percutaneous dilatational tracheostomy - a prospective, randomized trial (VivaPDT). Critical Care, 2017, 21, 330.	5.8	14
101	Human leucocyte antigen (HLA-DR) gene expression is reduced in sepsis and correlates with impaired TNFα response: A diagnostic tool for immunosuppression?. PLoS ONE, 2017, 12, e0182427.	2.5	99
102	Advanced Hemodynamic Management in Patients with Septic Shock. BioMed Research International, 2016, 2016, 1-11.	1.9	26
103	Coagulation parameters and major bleeding in critically ill patients with cirrhosis. Hepatology, 2016, 64, 556-568.	7. 3	148
104	Effect of Hydrocortisone on Development of Shock Among Patients With Severe Sepsis. JAMA - Journal of the American Medical Association, 2016, 316, 1775.	7.4	197
105	The feasibility and safety of extracorporeal carbon dioxide removal to avoid intubation in patients with COPD unresponsive to noninvasive ventilation for acute hypercapnic respiratory failure (ECLAIRÂstudy): multicentre case–control study. Intensive Care Medicine, 2016, 42, 1437-1444.	8.2	126
106	Complicaciones hemorr \tilde{A}_1 gicas tras el tratamiento endosc \tilde{A}^3 pico de reducci \tilde{A}^3 n del volumen pulmonar con espiral: estudio observacional retrospectivo. Archivos De Bronconeumologia, 2016, 52, 590-595.	0.8	5
107	Does galactomannan testing increase diagnostic accuracy for IPA in the ICU? A prospective observational study. Critical Care, 2016, 20, 139.	5.8	39
108	High-Flow Nasal Cannula Versus Bag-Valve-Mask for Preoxygenation Before Intubation in Subjects With Hypoxemic Respiratory Failure. Respiratory Care, 2016, 61, 1160-1167.	1.6	100

#	Article	IF	CITATION
109	Value of Computed Tomography of the Chest in Subjects With ARDS: A Retrospective Observational Study. Respiratory Care, 2016, 61, 316-323.	1.6	24
110	Severe hyperlactatemia, lactate clearance and mortality in unselected critically ill patients. Intensive Care Medicine, 2016, 42, 202-210.	8.2	204
111	Cerebral Hemodynamics in Patients with Hemolytic Uremic Syndrome Assessed by Susceptibility Weighted Imaging and Four-Dimensional Non-Contrast MR Angiography. PLoS ONE, 2016, 11, e0164863.	2.5	4
112	Clinical characteristics and outcome of very elderly patientsÂ≥90Âyears in intensive care: a retrospective observational study. Annals of Intensive Care, 2015, 5, 53.	4.6	46
113	The use of extracorporeal carbon dioxide removal to avoid intubation in patients failing non-invasive ventilation $\hat{a} \in \mathbb{R}^m$ a cost analysis. BMC Anesthesiology, 2015, 15, 160.	1.8	15
114	Decreased serum concentrations of sphingosine-1-phosphate in sepsis. Critical Care, 2015, 19, 372.	5.8	108
115	Prognostic impact of ICG-PDR in patients with hypoxic hepatitis. Annals of Intensive Care, 2015, 5, 47.	4.6	14
116	The simplified acute physiology score II to predict hospital mortality in aneurysmal subarachnoid hemorrhage. Acta Neurochirurgica, 2015, 157, 2051-2059.	1.7	10
117	Perioperative Glycemic Control With a Computerized Algorithm Versus Conventional Glycemic Control in Cardiac Surgical Patients Undergoing Cardiopulmonary Bypass With Blood Cardioplegia. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 1273-1277.	1.3	7
118	Diagnostic value of positron emission tomography combined with computed tomography for evaluating patients with septic shock of unknown origin. Journal of Critical Care, 2012, 27, 316.e1-316.e7.	2.2	30
119	Pulmonary hypertension after ventriculoatrial shunt implantation. Journal of Neurosurgery, 2010, 113, 1279-1283.	1.6	33