

Sascha David

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

3,922
citations

109321

35
h-index

133252

59
g-index

111
all docs

111
docs citations

111
times ranked

5732
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered fibrin clot structure and dysregulated fibrinolysis contribute to thrombosis risk in severe COVID-19. <i>Blood Advances</i> , 2022, 6, 1074-1087.	5.2	35
2	Intracranial Hemorrhages on Extracorporeal Membrane Oxygenation. <i>Critical Care Medicine</i> , 2022, Publish Ahead of Print, .	0.9	33
3	Neurological management and work-up of neurotoxicity associated with CAR T cell therapy. <i>Neurological Research and Practice</i> , 2022, 4, 1.	2.0	9
4	It takes two to bleed: anticoagulation intensity and the host's vascular susceptibility. <i>Intensive Care Medicine</i> , 2022, 48, 619-620.	8.2	4
5	The importance of intravenous immunoglobulin treatment in critically ill patients with necrotizing soft tissue infection: a retrospective cohort study. <i>BMC Infectious Diseases</i> , 2022, 22, 168.	2.9	5
6	Predictors of response to intra-arterial vasodilatory therapy of non-occlusive mesenteric ischemia in patients with severe shock: results from a prospective observational study. <i>Critical Care</i> , 2022, 26, 92.	5.8	8
7	Where is the imperceptible difference?. <i>Intensive Care Medicine</i> , 2022, , 1.	8.2	2
8	Clinical and biochemical endpoints and predictors of response to plasma exchange in septic shock: results from a randomized controlled trial. <i>Critical Care</i> , 2022, 26, 134.	5.8	21
9	Long-term ketamine infusion-induced cholestatic liver injury in COVID-19-associated acute respiratory distress syndrome. <i>Critical Care</i> , 2022, 26, .	5.8	19
10	Effect of Therapeutic Plasma Exchange on Immunoglobulin Deficiency in Early and Severe Septic Shock. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 1491-1497.	2.8	8
11	Immunoglobulin deficiency as an indicator of disease severity in patients with COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L590-L599.	2.9	17
12	¹⁸ F-FDG PET/CT of off-target lymphoid organs in CD19-targeting chimeric antigen receptor T-cell therapy for relapsed or refractory diffuse large B-cell lymphoma. <i>Annals of Nuclear Medicine</i> , 2021, 35, 132-138.	2.2	17
13	SP-D Serum Levels Reveal Distinct Epithelial Damage in Direct Human ARDS. <i>Journal of Clinical Medicine</i> , 2021, 10, 737.	2.4	9
14	COVID-19 immune signatures reveal stable antiviral T cell function despite declining humoral responses. <i>Immunity</i> , 2021, 54, 340-354.e6.	14.3	177
15	Role of endothelial microRNA 155 on capillary leakage in systemic inflammation. <i>Critical Care</i> , 2021, 25, 76.	5.8	7
16	Modulation of the Permeability-Inducing Factor Angiopoietin-2 Through Bifonazole in Systemic Inflammation. <i>Shock</i> , 2021, 56, 1049-1056.	2.1	2
17	Circulating cardiovascular microRNAs in critically ill COVID-19 patients. <i>European Journal of Heart Failure</i> , 2021, 23, 468-475.	7.1	107
18	Adjuvant therapeutic plasma exchange in septic shock. <i>Intensive Care Medicine</i> , 2021, 47, 352-354.	8.2	41

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19	High Incidence of Epileptiform Potentials During Continuous EEG Monitoring in Critically Ill COVID-19 Patients. <i>Frontiers in Medicine</i> , 2021, 8, 613951.	2.6	0
20	Absence of SARS-CoV-2 RNA in COVID-19-associated intestinal endothelialitis. <i>Intensive Care Medicine</i> , 2021, 47, 359-360.	8.2	12
21	Extracorporeal membrane oxygenation in non-intubated immunocompromised patients. <i>Critical Care</i> , 2021, 25, 164.	5.8	8
22	The Janus Face of Coronavirus Disease 2019â€™Associated Coagulopathy. <i>Critical Care Medicine</i> , 2021, 49, e1049-e1050.	0.9	3
23	Between inflammation and thrombosis: endothelial cells in COVID-19. <i>European Respiratory Journal</i> , 2021, 58, 2100377.	6.7	86
24	Near real-time observation reveals increased prevalence of young patients in the ICU during the emerging third SARS-CoV-2 wave in Switzerland. <i>Swiss Medical Weekly</i> , 2021, 151, w20553.	1.6	3
25	What every intensivist should know about Tocilizumab. <i>Critical Care</i> , 2021, 25, 262.	5.8	10
26	Flow-dependent regulation of endothelial Tie2 by GATA3 in vivo. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 38.	1.9	4
27	COMPLEMENT INHIBITION FOR THE TREATMENT OF COVID-19 TRIGGERED THROMBOTIC MICROANGIOPATHY WITH CARDIAC FAILUREâ€™a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab386.	0.6	4
28	Staying Awake in Severe Acute Respiratory Distress Syndrome: A Perspective on Immunocompromised Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 738-739.	5.6	1
29	Unraveling the secret of re-balancing homeostasis in sepsis: a critical view on extracorporeal blood purification modalities. <i>Intensive Care Medicine</i> , 2021, , 1.	8.2	7
30	Effects of therapeutic plasma exchange on the endothelial glycocalyx in septic shock. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 57.	1.9	13
31	Targeting the â€™sweet spotâ€™ in septic shock â€™ A perspective on the endothelial glycocalyx regulating proteins Heparanase-1 and -2. <i>Matrix Biology Plus</i> , 2021, 12, 100095.	3.5	18
32	Endothelial dysfunction contributes to severe COVID-19 in combination with dysregulated lymphocyte responses and cytokine networks. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 418.	17.1	54
33	A Retrospective Analysis of Nonocclusive Mesenteric Ischemia in Medical and Surgical ICU Patients: Clinical Data on Demography, Clinical Signs, and Survival. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 1162-1172.	2.8	28
34	Extracorporeal Membrane Oxygenation for Severe ARDS Due to Immune Diffuse Alveolar Hemorrhage. <i>Chest</i> , 2020, 157, 744-747.	0.8	14
35	Nonocclusive Mesenteric Ischemia and Interventional Local Vasodilatory Therapy: A Meta-Analysis and Systematic Review of the Literature. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 128-139.	2.8	13
36	Dual Pharmacological Inhibition of Angiotensin-2 and VEGF-A in Murine Experimental Sepsis. <i>Journal of Vascular Research</i> , 2020, 57, 34-45.	1.4	13

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37	Reappearance of effector T cells is associated with recovery from COVID-19. <i>EBioMedicine</i> , 2020, 57, 102885.	6.1	109
38	Injury to the Endothelial Glycocalyx in Critically Ill Patients with COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1178-1181.	5.6	89
39	Direct evidence of SARS-CoV-2 in gut endothelium. <i>Intensive Care Medicine</i> , 2020, 46, 2081-2082.	8.2	20
40	First do no harmâ€”beware the risk of therapeutic plasma exchange in severe COVID-19. <i>Critical Care</i> , 2020, 24, 363.	5.8	23
41	Non-occlusive mesenteric ischemia (NOMI): evaluation of 2D-perfusion angiography (2D-PA) for early treatment response assessment. <i>Abdominal Radiology</i> , 2020, 45, 3342-3351.	2.1	7
42	Effect of therapeutic plasma exchange on endothelial activation and coagulation-related parameters in septic shock. <i>Critical Care</i> , 2020, 24, 71.	5.8	36
43	Therapeutic plasma exchange in acute on chronic liver failure. <i>Journal of Clinical Apheresis</i> , 2020, 35, 316-327.	1.3	10
44	Extracorporeal cytokine removal in severe CAR-T cell associated cytokine release syndrome. <i>Journal of Critical Care</i> , 2020, 57, 124-129.	2.2	25
45	Soluble neprilysin, NT-proBNP, and growth differentiation factor-15 as biomarkers for heart failure in dialysis patients (SONGBIRD). <i>Clinical Research in Cardiology</i> , 2020, 109, 1035-1047.	3.3	14
46	Donor-derived IL-17A and IL-17F deficiency triggers Th1 allo-responses and increases gut leakage during acute GVHD. <i>PLoS ONE</i> , 2020, 15, e0231222.	2.5	0
47	Activated Clotting Time (ACT) for Monitoring of Low-Dose Heparin: Performance Characteristics in Healthy Adults and Critically Ill Patients. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2020, 26, 107602962097549.	1.7	3
48	Comparison of anticoagulation strategies for veno-venous ECMO support in acute respiratory failure. <i>Critical Care</i> , 2020, 24, 701.	5.8	30
49	Identification of specific Tie2 cleavage sites and therapeutic modulation in experimental sepsis. <i>ELife</i> , 2020, 9, .	6.0	10
50	Therapeutic plasma exchange in acute liver failure. <i>Journal of Clinical Apheresis</i> , 2019, 34, 589-597.	1.3	42
51	Maintenance Immunosuppression Is Associated With Better Outcome in the 2017/2018 Influenza Epidemic. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz381.	0.9	2
52	Extracorporeal membrane oxygenation for acute respiratory distress syndrome due to <i>Pneumocystis</i> pneumonia. <i>European Respiratory Journal</i> , 2019, 54, 1900410.	6.7	7
53	Development of an Optimized LC-MS Method for the Detection of Specialized Pro-Resolving Mediators in Biological Samples. <i>Frontiers in Pharmacology</i> , 2019, 10, 169.	3.5	59
54	â€œBetter be awakeâ€”a role for awake extracorporeal membrane oxygenation in acute respiratory distress syndrome due to <i>Pneumocystis</i> pneumonia. <i>Critical Care</i> , 2019, 23, 418.	5.8	11

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55	Single- and multiple-dose pharmacokinetics and total removal of colistin in critically ill patients with acute kidney injury undergoing prolonged intermittent renal replacement therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 997-1002.	3.0	11
56	Multiplexed, high-throughput measurements of cell contraction and endothelial barrier function. <i>Laboratory Investigation</i> , 2019, 99, 138-145.	3.7	7
57	Endothelial-to-mesenchymal transition shapes the atherosclerotic plaque and modulates macrophage function. <i>FASEB Journal</i> , 2019, 33, 2278-2289.	0.5	35
58	Molecular Regulation of Acute Tie2 Suppression in Sepsis. <i>Critical Care Medicine</i> , 2018, 46, e928-e936.	0.9	17
59	miR-125b regulates chemotaxis and survival of bone marrow derived granulocytes in vitro and in vivo. <i>PLoS ONE</i> , 2018, 13, e0204942.	2.5	4
60	Clinical course, treatment and outcome of <i>Pneumocystis pneumonia</i> in immunocompromised adults: a retrospective analysis over 17 years. <i>Critical Care</i> , 2018, 22, 307.	5.8	81
61	Early therapeutic plasma exchange in septic shock: a prospective open-label nonrandomized pilot study focusing on safety, hemodynamics, vascular barrier function, and biologic markers. <i>Critical Care</i> , 2018, 22, 285.	5.8	113
62	Effect of extracorporeal cytokine removal on vascular barrier function in a septic shock patient. <i>Journal of Intensive Care</i> , 2017, 5, 12.	2.9	52
63	Flunarizine suppresses endothelial Angiotensin-2 in a calcium - dependent fashion in sepsis. <i>Scientific Reports</i> , 2017, 7, 44113.	3.3	9
64	Role of angiotensin-2 in infection – A double-edged sword?. <i>Cytokine</i> , 2016, 83, 61-63.	3.2	7
65	Gene control of tyrosine kinase <i>TIE2</i> and vascular manifestations of infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2472-2477.	7.1	85
66	BRAF Inhibition in a Lung Transplant Recipient With Metastatic Melanoma. <i>JAMA Dermatology</i> , 2016, 152, 228.	4.1	7
67	Cationic amphiphilic drugs enhance entry of lentiviral particles pseudotyped with rabies virus glycoprotein into non-neuronal cells. <i>Antiviral Research</i> , 2015, 124, 122-131.	4.1	5
68	Drug Repurposing Screen Identifies Foxo1-Dependent Angiotensin-2 Regulation in Sepsis*. <i>Critical Care Medicine</i> , 2015, 43, e230-e240.	0.9	37
69	Involvement of Angiotensin-2 and Tie2 Receptor Phosphorylation in STEC-HUS Mediated by <i>Escherichia coli</i> O104:H4. <i>Mediators of Inflammation</i> , 2015, 2015, 1-7.	3.0	3
70	Differential Effects of Gut-Homing Molecules CC Chemokine Receptor 9 and Integrin- β 7 during Acute Graft-versus-Host Disease of the Liver. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 2069-2078.	2.0	5
71	Angiotensin-1 Requires Oxidant Signaling through p47phox to Promote Endothelial Barrier Defense. <i>PLoS ONE</i> , 2015, 10, e0119577.	2.5	12
72	The Endothelial Receptor Tyrosine Kinase Tie2 is Essential for Vascular Integrity Dependent/Independent of Inflammation. <i>FASEB Journal</i> , 2015, 29, LB99.	0.5	0

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73	The clinically approved drugs amiodarone, dronedarone and verapamil inhibit filovirus cell entry. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2123-2131.	3.0	159
74	Lung-Targeted RNA Interference Against Angiopoietin-2 Ameliorates Multiple Organ Dysfunction and Death in Sepsis. <i>Critical Care Medicine</i> , 2014, 42, e654-e662.	0.9	61
75	Angiopoietin-2 and Biliary Diseases: Elevated Serum, but Not Bile Levels Are Associated with Cholangiocarcinoma. <i>PLoS ONE</i> , 2014, 9, e97046.	2.5	23
76	Mending Leaky Blood Vessels: The Angiopoietin-Tie2 Pathway in Sepsis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 345, 2-6.	2.5	72
77	Quantification of experimental acute kidney injury by computer-assisted imaging of lectin phytohemagglutinin E. <i>Journal of Nephrology</i> , 2013, 26, 385-388.	2.0	2
78	Angiopoietin-2 levels predict mortality in CKD patients. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1867-1872.	0.7	71
79	Impaired function of the Tie-2 receptor contributes to vascular leakage and lethality in anthrax. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10024-10029.	7.1	50
80	Angiopoietin-2 may contribute to multiple organ dysfunction and death in sepsis*. <i>Critical Care Medicine</i> , 2012, 40, 3034-3041.	0.9	150
81	The synthetic Tie2 agonist peptide vasculotide protects against vascular leakage and reduces mortality in murine abdominal sepsis. <i>Critical Care</i> , 2011, 15, R261.	5.8	114
82	Acute administration of recombinant Angiopoietin-1 ameliorates multiple-organ dysfunction syndrome and improves survival in murine sepsis. <i>Cytokine</i> , 2011, 55, 251-259.	3.2	84
83	PGC-1 α promotes recovery after acute kidney injury during systemic inflammation in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 4003-4014.	8.2	404
84	Angiopoietin-1 Requires IQ Domain GTPase-Activating Protein 1 to Activate Rac1 and Promote Endothelial Barrier Defense. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2643-2652.	2.4	77
85	Circulating angiopoietin-1 could be confounded by ex vivo platelet activation. <i>Kidney International</i> , 2011, 79, 687.	5.2	2
86	Effects of a synthetic PEG-ylated Tie-2 agonist peptide on endotoxemic lung injury and mortality. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 300, L851-L862.	2.9	88
87	Angiopoietin-2 in patients requiring renal replacement therapy in the ICU: relation to acute kidney injury, multiple organ dysfunction syndrome and outcome. <i>Intensive Care Medicine</i> , 2010, 36, 462-470.	8.2	73
88	Circulating angiopoietin-2 levels increase with progress of chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 2571-2579.	0.7	63
89	Prospective evaluation of an in-centre conversion from conventional haemodialysis to an intensified nocturnal strategy. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 2232-2240.	0.7	48
90	Angiopoietin 2 and Cardiovascular Disease in Dialysis and Kidney Transplantation. <i>American Journal of Kidney Diseases</i> , 2009, 53, 770-778.	1.9	64

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91	Time course of angiotensin-2 release during experimental human endotoxemia and sepsis. <i>Critical Care</i> , 2009, 13, R64.	5.8	90
92	Circulating angiotensin-2 in essential hypertension: relation to atherosclerosis, vascular inflammation, and treatment with olmesartan/pravastatin. <i>Journal of Hypertension</i> , 2009, 27, 1641-1647.	0.5	56
93	Circulating angiotensin-1 and angiotensin-2 in critically ill patients: development and clinical application of two new immunoassays. <i>Critical Care</i> , 2008, 12, R94.	5.8	73
94	Excess circulating angiotensin-2 is a strong predictor of mortality in critically ill medical patients. <i>Critical Care</i> , 2008, 12, R147.	5.8	136
95	Angiotensin-2 predicts disease-free survival after allogeneic stem cell transplantation in patients with high-risk myeloid malignancies. <i>Blood</i> , 2008, 112, 2139-2148.	1.4	41
96	Circulating Angiotensin-2 Predicts Time to Relapse after Allogeneic Hematopoietic Stem Cell Transplantation for Acute Myeloid Leukemia.. <i>Blood</i> , 2008, 112, 3259-3259.	1.4	0
97	Heavy metal-rely on gut feelings: novel diagnostic approach to test drug compliance in patients with lanthanum intake. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 2091-2092.	0.7	23
98	Diagnostic value of N-terminal pro-B-type natriuretic peptide (NT-proBNP) for left ventricular dysfunction in patients with chronic kidney disease stage 5 on haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2007, 23, 1370-1377.	0.7	87