

Philipp KÃ¼mpers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2360489/publications.pdf>

Version: 2024-02-01

49
papers

2,931
citations

147801

31
h-index

168389

53
g-index

59
all docs

59
docs citations

59
times ranked

3735
citing authors

#	ARTICLE	IF	CITATIONS
1	Microvascular dysfunction in COVID-19: the MYSTIC study. <i>Angiogenesis</i> , 2021, 24, 145-157.	7.2	211
2	Damage of the endothelial glycocalyx in chronic kidney disease. <i>Atherosclerosis</i> , 2014, 234, 335-343.	0.8	174
3	Excess circulating angiotensin II is a strong predictor of mortality in critically ill medical patients. <i>Critical Care</i> , 2008, 12, R147.	5.8	136
4	Nanomechanics of the Endothelial Glycocalyx in Experimental Sepsis. <i>PLoS ONE</i> , 2013, 8, e80905.	2.5	132
5	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
6	COVID-19 is a systemic vascular hemopathy: insight for mechanistic and clinical aspects. <i>Angiogenesis</i> , 2021, 24, 755-788.	7.2	114
7	Serum neutrophil gelatinase-associated lipocalin at inception of renal replacement therapy predicts survival in critically ill patients with acute kidney injury. <i>Critical Care</i> , 2010, 14, R9.	5.8	111
8	Circulating angiotensin II in idiopathic pulmonary arterial hypertension. <i>European Heart Journal</i> , 2010, 31, 2291-2300.	2.2	108
9	Endothelial glycocalyx breakdown is mediated by angiotensin II. <i>Cardiovascular Research</i> , 2017, 113, 671-680.	3.8	103
10	Bench-to-bedside review: Angiotensin II signalling in critical illness – a future target?. <i>Critical Care</i> , 2009, 13, 207.	5.8	101
11	A Pandemic in Times of Global Tourism: Superspreading and Exportation of COVID-19 Cases from a Ski Area in Austria. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	92
12	Time course of angiotensin II release during experimental human endotoxemia and sepsis. <i>Critical Care</i> , 2009, 13, R64.	5.8	90
13	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
14	Acute administration of recombinant Angiotensin II ameliorates multiple-organ dysfunction syndrome and improves survival in murine sepsis. <i>Cytokine</i> , 2011, 55, 251-259.	3.2	84
15	Association of sublingual microcirculation parameters and endothelial glycocalyx dimensions in resuscitated sepsis. <i>Critical Care</i> , 2019, 23, 260.	5.8	79
16	Circulating angiotensin II and angiotensin II in critically ill patients: development and clinical application of two new immunoassays. <i>Critical Care</i> , 2008, 12, R94.	5.8	73
17	Angiotensin II 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
18	Mending Leaky Blood Vessels: The Angiotensin II-Tie2 Pathway in Sepsis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 345, 2-6.	2.5	72

#	ARTICLE	IF	CITATIONS
19	Angiotensin-2 levels predict mortality in CKD patients. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1867-1872.	0.7	71
20	Bedside analysis of the sublingual microvascular glycocalyx in the emergency room and intensive care unit – the GlycoNurse study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2018, 26, 16.	2.6	67
21	The Tie2 receptor antagonist angiotensin 2 facilitates vascular inflammation in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 1638-1643.	0.9	66
22	Angiotensin 2 and Cardiovascular Disease in Dialysis and Kidney Transplantation. <i>American Journal of Kidney Diseases</i> , 2009, 53, 770-778.	1.9	64
23	Shock-induced stress induces loss of microvascular endothelial Tie2 in the kidney which is not associated with reduced glomerular barrier function. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F272-F281.	2.7	55
24	Legionnaires' disease in immunocompromised patients: a case report of <i>Legionella longbeachae</i> pneumonia and review of the literature. <i>Journal of Medical Microbiology</i> , 2008, 57, 384-387.	1.8	49
25	Circulating angiotensin-2 is a marker and potential mediator of endothelial cell detachment in ANCA-associated vasculitis with renal involvement. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 1845-1850.	0.7	43
26	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
27	Intracellular RIG-I Signaling Regulates TLR4-Independent Endothelial Inflammatory Responses to Endotoxin. <i>Journal of Immunology</i> , 2016, 196, 4681-4691.	0.8	41
28	Leptin is a coactivator of TGF- β 2 in unilateral ureteral obstructive kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F1355-F1362.	2.7	39
29	The Synthetic Tie2 Agonist Peptide Vasculotide Protects Renal Vascular Barrier Function In Experimental Acute Kidney Injury. <i>Scientific Reports</i> , 2016, 6, 22111.	3.3	39
30	Identification of novel sublingual parameters to analyze and diagnose microvascular dysfunction in sepsis: the NOSTRADAMUS study. <i>Critical Care</i> , 2021, 25, 112.	5.8	39
31	Tie2 Activation Promotes Protection and Reconstitution of the Endothelial Glycocalyx in Human Sepsis. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1827-1838.	3.4	35
32	Sepsis recognition in the emergency department – impact on quality of care and outcome?. <i>BMC Emergency Medicine</i> , 2016, 17, 11.	1.9	31
33	Angiotensin-2 is a potential mediator of endothelial barrier dysfunction following cardiopulmonary bypass. <i>Cytokine</i> , 2012, 60, 352-359.	3.2	29
34	Serum leptin and ghrelin correlate with disease activity in ANCA-associated vasculitis. <i>Rheumatology</i> , 2007, 47, 484-487.	1.9	26
35	Angiotensin-2 in acute liver failure*. <i>Critical Care Medicine</i> , 2012, 40, 1499-1505.	0.9	22
36	Vascular Endothelial Dysfunction during Cardiac Surgery: On-Pump versus Off-Pump Coronary Surgery. <i>European Surgical Research</i> , 2017, 58, 354-368.	1.3	19

#	ARTICLE	IF	CITATIONS
37	International, multicenter evaluation of a new D-dimer assay for the exclusion of venous thromboembolism using standard and age-adjusted cut-offs. <i>Thrombosis Research</i> , 2018, 166, 63-70.	1.7	18
38	Symmetric dimethylarginine in dysfunctional high-density lipoprotein mediates endothelial glycocalyx breakdown in chronic kidney disease. <i>Kidney International</i> , 2020, 97, 502-515.	5.2	18
39	Targeting the "sweet spot" in septic shock " A perspective on the endothelial glycocalyx regulating proteins Heparanase-1 and -2. <i>Matrix Biology Plus</i> , 2021, 12, 100095.	3.5	18
40	Endothelial microparticles as a diagnostic aid in Churg-Strauss vasculitis-induced cardiomyopathy. <i>Clinical and Experimental Rheumatology</i> , 2008, 26, S86-9.	0.8	15
41	The curse of angiotensin-2 in ARDS: on stranger TI(E)des. <i>Critical Care</i> , 2018, 22, 44.	5.8	14
42	Does low angiotensin-1 predict adverse outcome in sepsis?. <i>Critical Care</i> , 2010, 14, 180.	5.8	13
43	Role of Angiotensin/Tie2 in Critical Illness: Promising Biomarker, Disease Mediator, and Therapeutic Target?. <i>Scientifica</i> , 2012, 2012, 1-8.	1.7	11
44	Protection and rebuilding of the endothelial glycocalyx in sepsis " Science or fiction?. <i>Matrix Biology Plus</i> , 2021, 12, 100091.	3.5	10
45	Identification and validation of objective triggers for initiation of resuscitation management of acutely ill non-trauma patients: the INITIATE IRON MAN study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021, 29, 160.	2.6	9
46	Endothelial dysfunction following coronary artery bypass grafting. <i>Herz</i> , 2020, 45, 86-94.	1.1	8
47	Microvascular and proteomic signatures overlap in COVID-19 and bacterial sepsis: the MICROCODE study. <i>Angiogenesis</i> , 0, , .	7.2	8
48	Heparanase Is a Putative Mediator of Endothelial Glycocalyx Damage in COVID-19 " A Proof-of-Concept Study. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	5
49	Angiotensin-2 in sepsis: lost in translation?. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 487-489.	0.7	3