

Achim Lothar

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,505
citations

361045

20
h-index

344852

36
g-index

60
all docs

60
docs citations

60
times ranked

2529
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokine adsorption in patients with severe COVID-19 pneumonia requiring extracorporeal membrane oxygenation (CYCOV): a single centre, open-label, randomised, controlled trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 755-762.	5.2	129
2	Ablation of Mineralocorticoid Receptors in Myocytes But Not in Fibroblasts Preserves Cardiac Function. <i>Hypertension</i> , 2011, 57, 746-754.	1.3	118
3	Anti-platelet factor 4 antibodies causing VITT do not cross-react with SARS-CoV-2 spike protein. <i>Blood</i> , 2021, 138, 1269-1277.	0.6	102
4	Serum ACE2, Angiotensin II, and Aldosterone Levels Are Unchanged in Patients With COVID-19. <i>American Journal of Hypertension</i> , 2021, 34, 278-281.	1.0	81
5	Discontinuation versus continuation of renin-angiotensin-system inhibitors in COVID-19 (ACEI-COVID): a prospective, parallel group, randomised, controlled, open-label trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 863-872.	5.2	75
6	Adrenergic Repression of the Epigenetic Reader MeCP2 Facilitates Cardiac Adaptation in Chronic Heart Failure. <i>Circulation Research</i> , 2015, 117, 622-633.	2.0	57
7	Prolonged SARS-CoV-2 shedding and mild course of COVID-19 in a patient after recent heart transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 3239-3245.	2.6	57
8	MicroRNA-Mediated Epigenetic Silencing of Sirtuin1 Contributes to Impaired Angiogenic Responses. <i>Circulation Research</i> , 2013, 113, 997-1003.	2.0	56
9	Cardiac Endothelial Cell Transcriptome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 566-574.	1.1	51
10	Mineralocorticoids in the Heart and Vasculature: New Insights for Old Hormones. <i>Annual Review of Pharmacology and Toxicology</i> , 2015, 55, 289-312.	4.2	48
11	Deoxycorticosterone Acetate/Salt-Induced Cardiac But Not Renal Injury Is Mediated By Endothelial Mineralocorticoid Receptors Independently From Blood Pressure. <i>Hypertension</i> , 2016, 67, 130-138.	1.3	48
12	Preserved recovery of cardiac function following ischemia-reperfusion in mice lacking SIRT3. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 72-80.	0.7	43
13	Ablation of biglycan attenuates cardiac hypertrophy and fibrosis after left ventricular pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 101, 145-155.	0.9	42
14	The Transcription Factor ETV1 Induces Atrial Remodeling and Arrhythmia. <i>Circulation Research</i> , 2018, 123, 550-563.	2.0	40
15	Chronic cardiac pressure overload induces adrenal medulla hypertrophy and increased catecholamine synthesis. <i>Basic Research in Cardiology</i> , 2011, 106, 591-602.	2.5	30
16	Inhibition of the cardiac myocyte mineralocorticoid receptor ameliorates doxorubicin-induced cardiotoxicity. <i>Cardiovascular Research</i> , 2018, 114, 282-290.	1.8	30
17	Rate of venous thromboembolism in a prospective all-comers cohort with COVID-19. <i>Journal of Thrombosis and Thrombolysis</i> , 2020, 50, 558-566.	1.0	30
18	Vascular Mineralocorticoid Receptors. <i>Hypertension</i> , 2016, 68, 6-10.	1.3	28

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19	Endothelial cell mineralocorticoid receptors oppose VEGF-induced gene expression and angiogenesis. <i>Journal of Endocrinology</i> , 2019, 240, 15-26.	1.2	28
20	Sympathetic β 2-adrenoceptors prevent cardiac hypertrophy and fibrosis in mice at baseline but not after chronic pressure overload. <i>Cardiovascular Research</i> , 2010, 86, 432-442.	1.8	27
21	Cytokine adsorption in patients with post-cardiac arrest syndrome after extracorporeal cardiopulmonary resuscitation (CYTER) – A single-centre, open-label, randomised, controlled trial. <i>Resuscitation</i> , 2022, 173, 169-178.	1.3	26
22	Cytokine Adsorption in Severe Acute Respiratory Failure Requiring Veno-Venous Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2021, 67, 332-338.	0.9	22
23	Serum Protein Profiling Reveals a Specific Upregulation of the Immunomodulatory Protein Progranulin in Coronavirus Disease 2019. <i>Journal of Infectious Diseases</i> , 2021, 223, 775-784.	1.9	21
24	Pharmacology of heart failure: From basic science to novel therapies. , 2016, 166, 136-149.		18
25	Novel insights into the electrophysiology of murine cardiac macrophages: relevance of voltage-gated potassium channels. <i>Cardiovascular Research</i> , 2022, 118, 798-813.	1.8	18
26	Overexpression of human BAG3P209L in mice causes restrictive cardiomyopathy. <i>Nature Communications</i> , 2021, 12, 3575.	5.8	17
27	Early and Rapid Identification of COVID-19 Patients with Neutralizing Type I Interferon Auto-antibodies. <i>Journal of Clinical Immunology</i> , 2022, 42, 1111-1129.	2.0	17
28	Use of the CytoSorb adsorption device in MDMA intoxication: a first-in-man application and in vitro study. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 21.	0.9	16
29	Mineralocorticoid receptor activation and antagonism in cardiovascular disease: cellular and molecular mechanisms. <i>Kidney International Supplements</i> , 2022, 12, 19-26.	4.6	15
30	Approaches towards tissue-selective pharmacology of the mineralocorticoid receptor. <i>British Journal of Pharmacology</i> , 2022, 179, 3235-3249.	2.7	14
31	The neuronal transcription factor NPAS4 is a strong inducer of sprouting angiogenesis and tip cell formation. <i>Cardiovascular Research</i> , 2017, 113, 222-223.	1.8	13
32	Cytokine Adsorption in Critically Ill Patients Requiring ECMO Support. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 71.	1.1	13
33	Diabetes changes gene expression but not DNA methylation in cardiac cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 151, 74-87.	0.9	13
34	Proximity to injury, but neither number of nuclei nor ploidy define pathological adaptation and plasticity in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 152, 95-104.	0.9	13
35	Hemoadsorption eliminates remdesivir from the circulation: Implications for the treatment of COVID-19. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00743.	1.1	13
36	Effect of Cytokine Adsorption on Survival and Circulatory Stabilization in Patients Receiving Extracorporeal Cardiopulmonary Resuscitation. <i>ASAIO Journal</i> , 2022, 68, 64-72.	0.9	13

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37	Eplerenone Improves Pulmonary Vascular Remodeling and Hypertension by Inhibition of the Mineralocorticoid Receptor in Endothelial Cells. <i>Hypertension</i> , 2021, 78, 456-465.	1.3	13
38	Fatal air embolism as complication of percutaneous dilatational tracheostomy on venovenous extracorporeal membrane oxygenation, two case reports. <i>Journal of Cardiothoracic Surgery</i> , 2016, 11, 102.	0.4	12
39	Cytokine adsorption in a patient with severe coronavirus disease 2019 related acute respiratory distress syndrome requiring extracorporeal membrane oxygenation therapy: A case report. <i>Artificial Organs</i> , 2021, 45, 191-194.	1.0	11
40	Gene expression in immortalized versus primary isolated cardiac endothelial cells. <i>Scientific Reports</i> , 2020, 10, 2241.	1.6	8
41	Admission blood glucose level and outcome in patients requiring venoarterial extracorporeal membrane oxygenation. <i>Clinical Research in Cardiology</i> , 2021, 110, 1484-1492.	1.5	8
42	Mineralocorticoid receptors in pulmonary hypertension and right heart failure: From molecular biology to therapeutic targeting. , 2022, 231, 107987.		8
43	Mineralocorticoid Receptors. <i>Circulation Research</i> , 2020, 127, 354-356.	2.0	7
44	Bleeding Complications Drive In-Hospital Mortality of Patients with Atrial Fibrillation after Transcatheter Aortic Valve Replacement. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1580-1586.	1.8	6
45	Emerging fields for therapeutic targeting of the aldosteroneâ€“mineralocorticoid receptor signaling pathway. <i>British Journal of Pharmacology</i> , 2022, 179, 3099-3102.	2.7	6
46	Complement system component dysregulation is a distinctive feature of COVID-19 disease: a prospective and comparative analysis of patients admitted to the emergency department for suspected COVID-19 disease. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, , 1.	1.0	6
47	Extracorporeal cytokine adsorption as an alternative to pharmacological inhibition of IL-6 in COVID-19. <i>Critical Care</i> , 2020, 24, 514.	2.5	5
48	Histone Deacetylase 6 Inhibitor JS28 Prevents Pathological Gene Expression in Cardiac Myocytes. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	3
49	Recurrent pulseless electrical activity in a patient with coronary vasospasm and supraaortic stenosis: a case report. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 100.	0.7	2
50	Evaluation of Serum Serotonin as a Biomarker for Myocardial Infarction and Ischemia/Reperfusion Injury. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6379.	1.3	2
51	Reply to Panda et al. <i>Journal of Infectious Diseases</i> , 2021, 224, 367-368.	1.9	1
52	Letter by Lother et al Regarding Article, â€œFinerenone and Cardiovascular Outcomes in Patients With Chronic Kidney Disease and Type 2 Diabetesâ€• <i>Circulation</i> , 2021, 144, e201.	1.6	1
53	Tracheostomy in Patients on Extracorporeal Membrane Oxygenation: Is it Really Safe?. <i>Journal of Intensive Care Medicine</i> , 2019, , 088506661985106.	1.3	0
54	Transcriptional Regulation and Epigenetics in Cardiovascular Cells: Role of the Mineralocorticoid Receptor. , 0, , .		0

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55	Response to "How Important Is the Assessment of Soluble ACE-2 in COVID-19?", American Journal of Hypertension, 2021, 34, 298-298.	1.0	0