

# Lorenz H Lehmann

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

2,772  
citations

185998

28  
h-index

189595

50  
g-index

73  
all docs

73  
docs citations

73  
times ranked

3838  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronary artery disease, left ventricular function and cardiac biomarkers determine all-cause mortality in cancer patients—a large monocenter cohort study. <i>Clinical Research in Cardiology</i> , 2023, 112, 203-214.	1.5	4
2	The Heidelberg cardio-oncology unit (COUNT)—a possible blueprint for improved care of cardio-oncological patients. <i>Clinical Research in Cardiology</i> , 2022, 111, 227-229.	1.5	4
3	Histone deacetylase 4 deletion broadly affects cardiac epigenetic repression and regulates transcriptional susceptibility via H3K9 methylation. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 162, 119-129.	0.9	3
4	COVID-19-related severe MS exacerbation with life-threatening Takotsubo cardiomyopathy in a previously stable patient and interference of MS therapy with long-term immunity against SARS-CoV-2. <i>Journal of Neurology</i> , 2022, 269, 1138-1141.	1.8	3
5	Cardio-oncology imaging tools at the translational interface. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 168, 24-32.	0.9	1
6	Association of early electrical changes with cardiovascular outcomes in immune checkpoint inhibitor myocarditis. <i>Archives of Cardiovascular Diseases</i> , 2022, 115, 315-330.	0.7	7
7	A Genetic Mouse Model Recapitulates Immune Checkpoint Inhibitor-Associated Myocarditis and Supports a Mechanism-Based Therapeutic Intervention. <i>Cancer Discovery</i> , 2021, 11, 614-625.	7.7	145
8	The Authors reply: Comment on: “Experimental ischaemic stroke induces transient cardiac atrophy” by Veltkamp et al.. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 525-525.	2.9	1
9	Early Detection of Checkpoint Inhibitor-Associated Myocarditis Using 68Ga-FAPI PET/CT. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 614997.	1.1	55
10	Back to the vinyl age: a narrative report of a total computer blackout at a large university medical centre. <i>European Heart Journal Digital Health</i> , 2021, 2, 167-170.	0.7	0
11	Epigenetic regulation of cardiac electrophysiology in atrial fibrillation: HDAC2 determines action potential duration and suppresses NRSF in cardiomyocytes. <i>Basic Research in Cardiology</i> , 2021, 116, 13.	2.5	9
12	Comparative Transcriptomics of Immune Checkpoint Inhibitor Myocarditis Identifies Guanylate Binding Protein 5 and 6 Dysregulation. <i>Cancers</i> , 2021, 13, 2498.	1.7	23
13	Clinical Strategy for the Diagnosis and Treatment of Immune Checkpoint Inhibitor-Associated Myocarditis. <i>JAMA Cardiology</i> , 2021, 6, 1329.	3.0	64
14	High-sensitivity cardiac troponin T determines all-cause mortality in cancer patients: a single-centre cohort study. <i>ESC Heart Failure</i> , 2021, 8, 3709-3719.	1.4	19
15	Electrocardiographic Manifestations of Immune Checkpoint Inhibitor Myocarditis. <i>Circulation</i> , 2021, 144, 1521-1523.	1.6	44
16	Cancer—A Major Cardiac Comorbidity With Implications on Cardiovascular Metabolism. <i>Frontiers in Physiology</i> , 2021, 12, 729713.	1.3	18
17	Common mechanistic pathways in cancer and heart failure. A scientific roadmap on behalf of the <scp>Translational Research Committee</scp> of the <scp>Heart Failure Association</scp> (<scp>HFA</scp>) of the <scp>European Society of Cardiology</scp> (<scp>ESC</scp>). <i>European Journal of Heart Failure</i> . 2020. 22. 2272-2289.	2.9	92
18	A Minimal-Invasive Approach for Standardized Induction of Myocardial Infarction in Mice. <i>Circulation Research</i> , 2020, 127, 1214-1216.	2.0	6

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19	Relationship Between Cardiac Fibroblast Activation Protein Activity by Positron Emission Tomography and Cardiovascular Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010628.	1.3	92
20	Onco-Cardiology: Consensus Paper of the German Cardiac Society, the German Society for Pediatric Cardiology and Congenital Heart Defects and the German Society for Hematology and Medical Oncology. <i>Clinical Research in Cardiology</i> , 2020, 109, 1197-1222.	1.5	71
21	Emerging role of immune checkpoint inhibitors and their relevance for the cardiovascular system. <i>Herz</i> , 2020, 45, 645-651.	0.4	16
22	Establishing an oncocardiology service. <i>Herz</i> , 2020, 45, 626-631.	0.4	2
23	Heart-Specific Immune Responses in an Animal Model of Autoimmune-Related Myocarditis Mitigated by an Immunoproteasome Inhibitor and Genetic Ablation. <i>Circulation</i> , 2020, 141, 1885-1902.	1.6	53
24	Abstract 15809: 68 Gallium Fibroblast Activating Protein Inhibitor Positron Emission Tomography is Able to Diagnose Checkpoint Inhibitor-induced Myocarditis. <i>Circulation</i> , 2020, 142, .	1.6	0
25	Abstract 15833: Immune Checkpoint Inhibitor Myocarditis Subtypes are Determined by a Cd8-dependent Transcriptional Program. <i>Circulation</i> , 2020, 142, .	1.6	0
26	Evidence for a cardiac metabolic switch in patients with Hodgkin's lymphoma. <i>ESC Heart Failure</i> , 2019, 6, 824-829.	1.4	14
27	The lipid-droplet-associated protein ABHD5 protects the heart through proteolysis of HDAC4. <i>Nature Metabolism</i> , 2019, 1, 1157-1167.	5.1	42
28	CaM kinase II regulates cardiac hemoglobin expression through histone phosphorylation upon sympathetic activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22282-22287.	3.3	10
29	O-GlcNAcylation of Histone Deacetylase 4 Protects the Diabetic Heart From Failure. <i>Circulation</i> , 2019, 140, 580-594.	1.6	77
30	CaMKII activation participates in doxorubicin cardiotoxicity and is attenuated by moderate GRP78 overexpression. <i>PLoS ONE</i> , 2019, 14, e0215992.	1.1	38
31	Myofilament Ca <sup>2+</sup> sensitivity correlates with left ventricular contractility during the progression of pressure overload-induced left ventricular myocardial hypertrophy in rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 208-218.	0.9	11
32	Experimental ischaemic stroke induces transient cardiac atrophy and dysfunction. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 54-62.	2.9	30
33	Cardio-oncology: conflicting priorities of anticancer treatment and cardiovascular outcome. <i>Clinical Research in Cardiology</i> , 2018, 107, 271-280.	1.5	37
34	Inhibition of Endothelial Notch Signaling Impairs Fatty Acid Transport and Leads to Metabolic and Vascular Remodeling of the Adult Heart. <i>Circulation</i> , 2018, 137, 2592-2608.	1.6	103
35	A proteolytic fragment of histone deacetylase 4 protects the heart from failure by regulating the hexosamine biosynthetic pathway. <i>Nature Medicine</i> , 2018, 24, 62-72.	15.2	88
36	Cardiovascular adverse events in multiple myeloma patients. <i>Journal of Thoracic Disease</i> , 2018, 10, S4296-S4305.	0.6	20

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37	Enzalutamide in Castration-Resistant Prostate Cancer. <i>New England Journal of Medicine</i> , 2018, 379, 1380-1381.	13.9	10
38	Pressure-volume analysis reveals characteristic sex-related differences in cardiac function in a rat model of aortic banding-induced myocardial hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H502-H511.	1.5	18
39	Nucleoside Diphosphate Kinase-C Suppresses cAMP Formation in Human Heart Failure. <i>Circulation</i> , 2017, 135, 881-897.	1.6	24
40	Cerebral Microbleeds in Murine Amyloid Angiopathy. <i>Stroke</i> , 2017, 48, 2248-2254.	1.0	18
41	Depletion of cardiac catecholamine stores impairs cardiac norepinephrine re-uptake by downregulation of the norepinephrine transporter. <i>PLoS ONE</i> , 2017, 12, e0172070.	1.1	10
42	Ataxin-10 is part of a cachexokine cocktail triggering cardiac metabolic dysfunction in cancer cachexia. <i>Molecular Metabolism</i> , 2016, 5, 67-78.	3.0	51
43	Inducible cardiomyocyte-specific deletion of CaM kinase II protects from pressure overload-induced heart failure. <i>Basic Research in Cardiology</i> , 2016, 111, 65.	2.5	44
44	Vorinostat in refractory soft tissue sarcomas – Results of a multi-centre phase II trial of the German Soft Tissue Sarcoma and Bone Tumour Working Group (AIO). <i>European Journal of Cancer</i> , 2016, 64, 74-82.	1.3	28
45	Oral treatment with a zinc complex of acetylsalicylic acid prevents diabetic cardiomyopathy in a rat model of type-2 diabetes: activation of the Akt pathway. <i>Cardiovascular Diabetology</i> , 2016, 15, 75.	2.7	32
46	Intercellular communication lessons in heart failure. <i>European Journal of Heart Failure</i> , 2015, 17, 1091-1103.	2.9	47
47	Advanced Echocardiography in Adult Zebrafish Reveals Delayed Recovery of Heart Function after Myocardial Cryoinjury. <i>PLoS ONE</i> , 2015, 10, e0122665.	1.1	69
48	Heat-shock-protein 90 protects from downregulation of HIF-1 $\alpha$ in calcineurin-induced myocardial hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 85, 117-126.	0.9	11
49	Abstract 433: Disrupting the Interaction Between CaM Kinase II and Histone Deacetylase 4 - an Epigenetic Therapy for Heart Failure?. <i>Circulation Research</i> , 2015, 117, .	2.0	0
50	Aldosterone augments Na <sup>+</sup> -induced reduction of cardiac norepinephrine reuptake. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1169-H1177.	1.5	3
51	Ca <sup>M</sup> Kinase II mediates maladaptive post-infarct remodeling and pro-inflammatory chemoattractant signaling but not acute myocardial ischemia/reperfusion injury. <i>EMBO Molecular Medicine</i> , 2014, 6, 1231-1245.	3.3	94
52	Depletion of globosides and isoglobosides fully reverts the morphologic phenotype of Fabry disease.. <i>Cell and Tissue Research</i> , 2014, 358, 217-227.	1.5	16
53	Essential role of sympathetic endothelin A receptors for adverse cardiac remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13499-13504.	3.3	30
54	Rapid and highly efficient inducible cardiac gene knockout in adult mice using AAV-mediated expression of Cre recombinase. <i>Cardiovascular Research</i> , 2014, 104, 15-23.	1.8	68

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55	Histone deacetylase signaling in cardioprotection. Cellular and Molecular Life Sciences, 2014, 71, 1673-1690.	2.4	55
56	Cardiac CaM Kinase II Genes $\hat{\Gamma}$ and $\hat{\Gamma}^3$ Contribute to Adverse Remodeling but Redundantly Inhibit Calcineurin-Induced Myocardial Hypertrophy. Circulation, 2014, 130, 1262-1273.	1.6	149
57	The role of endothelin-1 in the sympathetic nervous system in the heart. Life Sciences, 2014, 118, 165-172.	2.0	28
58	Inhibition of apoptosis by the intrinsic but not the extrinsic apoptotic pathway in myocardial ischemia-reperfusion. Cardiovascular Pathology, 2013, 22, 280-286.	0.7	22
59	HDAC4 controls histone methylation in response to elevated cardiac load. Journal of Clinical Investigation, 2013, 123, 1359-1370.	3.9	157
60	Cardiac remodeling is not modulated by overexpression of muscle LIM protein (MLP). Basic Research in Cardiology, 2012, 107, 262.	2.5	20
61	Selective repression of MEF2 activity by PKA-dependent proteolysis of HDAC4. Journal of Cell Biology, 2011, 195, 403-415.	2.3	124
62	A Patient With LEOPARD Syndrome and PTPN11 Mutation. Circulation, 2009, 119, 1328-1329.	1.6	8
63	The $\hat{\Gamma}$ isoform of CaM kinase II is required for pathological cardiac hypertrophy and remodeling after pressure overload. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2342-2347.	3.3	378
64	Sickle cell disease, pulmonary hypertension, and sarcoidosis. Annals of Hematology, 2008, 87, 591-592.	0.8	5
65	Interstitial pneumonitis with accumulation of intraalveolar macrophages, a facet Amiodarone therapy. Clinical Research in Cardiology, 2008, 97, 917-920.	1.5	3
66	Preserved Norepinephrine Reuptake but Reduced Sympathetic Nerve Endings in Hypertrophic Volume-Overloaded Rat Hearts. Journal of Cardiac Failure, 2006, 12, 577-583.	0.7	20