

# Dirk von Lewinski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2392706/publications.pdf>

Version: 2024-02-01

67  
papers

1,776  
citations

304602

22  
h-index

302012

39  
g-index

68  
all docs

68  
docs citations

68  
times ranked

2759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in m6A RNA methylation contribute to heart failure progression by modulating translation. <i>European Journal of Heart Failure</i> , 2020, 22, 54-66.	2.9	193
2	Diabetic Cardiomyopathy: Current and Future Therapies. Beyond Glycemic Control. <i>Frontiers in Physiology</i> , 2018, 9, 1514.	1.3	154
3	Empagliflozin protects heart from inflammation and energy depletion via AMPK activation. <i>Pharmacological Research</i> , 2020, 158, 104870.	3.1	113
4	Nicotinamide for the treatment of heart failure with preserved ejection fraction. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	109
5	Insulin Causes [Ca <sup>2+</sup> ] <sub>i</sub> -Dependent and [Ca <sup>2+</sup> ] <sub>i</sub> -Independent Positive Inotropic Effects in Failing Human Myocardium. <i>Circulation</i> , 2005, 111, 2588-2595.	1.6	88
6	Branched-Chain Amino Acids as New Biomarkers of Major Depression - A Novel Neurobiology of Mood Disorder. <i>PLoS ONE</i> , 2016, 11, e0160542.	1.1	82
7	HDAC inhibition improves cardiopulmonary function in a feline model of diastolic dysfunction. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	75
8	Levosimendan Efficacy and Safety: 20 Years of SIMDAX in Clinical Use. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 76, 4-22.	0.8	49
9	Glucose-transporter-mediated positive inotropic effects in human myocardium of diabetic and nondiabetic patients. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 1020-1028.	1.5	45
10	Direct proarrhythmic effects of angiotensin II can be suppressed by AT <sub>1</sub> receptor blockade in human atrial myocardium. <i>European Journal of Heart Failure</i> , 2008, 10, 1172-1176.	2.9	43
11	Impact of Empagliflozin on cardiac function and biomarkers of heart failure in patients with acute Myocardial infarction – The EMMY trial. <i>American Heart Journal</i> , 2020, 221, 39-47.	1.2	43
12	Functional effects of glucose transporters in human ventricular myocardium. <i>European Journal of Heart Failure</i> , 2010, 12, 106-113.	2.9	40
13	Exenatide exerts a PKA-dependent positive inotropic effect in human atrial myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 365-375.	0.9	40
14	Role of STIM1 (Stromal Interaction Molecule 1) in Hypertrophy-Related Contractile Dysfunction. <i>Circulation Research</i> , 2017, 121, 125-136.	2.0	36
15	A Feline HFpEF Model with Pulmonary Hypertension and Compromised Pulmonary Function. <i>Scientific Reports</i> , 2017, 7, 16587.	1.6	34
16	Dipeptidyl peptidase-4 independent cardiac dysfunction links saxagliptin to heart failure. <i>Biochemical Pharmacology</i> , 2017, 145, 64-80.	2.0	33
17	CaMKII $\beta$ Drives Early Adaptive Ca <sup>2+</sup> Change and Late Eccentric Cardiac Hypertrophy. <i>Circulation Research</i> , 2020, 127, 1159-1178.	2.0	31
18	Fine-Tuning Cardiac Insulin-Like Growth Factor 1 Receptor Signaling to Promote Health and Longevity. <i>Circulation</i> , 2022, 145, 1853-1866.	1.6	29

#	ARTICLE	IF	CITATIONS
19	Use of levosimendan in acute heart failure. <i>European Heart Journal Supplements</i> , 2018, 20, I2-I10.	0.0	27
20	Cardiovascular Outcome in Patients Treated With SGLT2 Inhibitors for Heart Failure: A Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 691907.	1.1	26
21	Systems biology identifies cytosolic PLA2 as a target in vascular calcification treatment. <i>JCI Insight</i> , 2019, 4, .	2.3	25
22	Platelet reactivity patterns in patients treated with dual antiplatelet therapy. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13102.	1.7	24
23	Complications and mortality of cardiovascular emergency admissions during COVID-19 associated restrictive measures. <i>PLoS ONE</i> , 2020, 15, e0239801.	1.1	24
24	SGLT2 Inhibitors and Their Antiarrhythmic Properties. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1678.	1.8	24
25	The Anti-Cancer Multikinase Inhibitor Sorafenib Impairs Cardiac Contractility by Reducing Phospholamban Phosphorylation and Sarcoplasmic Calcium Transients. <i>Scientific Reports</i> , 2018, 8, 5295.	1.6	22
26	Effects of SGLT2 Inhibitors on Ion Homeostasis and Oxidative Stress associated Mechanisms in Heart Failure. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112169.	2.5	22
27	Reduced Stretch-Induced Force Response in Failing Human Myocardium Caused by Impaired Na <sup>+</sup> -Contraction Coupling. <i>Circulation: Heart Failure</i> , 2009, 2, 47-55.	1.6	19
28	Beta-trace Protein as a new non-invasive immunological Marker for Quinolinic Acid-induced impaired Blood-Brain Barrier Integrity. <i>Scientific Reports</i> , 2017, 7, 43642.	1.6	18
29	Loss of autophagy protein ATG5 impairs cardiac capacity in mice and humans through diminishing mitochondrial abundance and disrupting Ca <sup>2+</sup> cycling. <i>Cardiovascular Research</i> , 2022, 118, 1492-1505.	1.8	18
30	Saxagliptin but Not Sitagliptin Inhibits CaMKII and PKC via DPP9 Inhibition in Cardiomyocytes. <i>Frontiers in Physiology</i> , 2018, 9, 1622.	1.3	17
31	Cangrelor Induces More Potent Platelet Inhibition without Increasing Bleeding in Resuscitated Patients. <i>Journal of Clinical Medicine</i> , 2018, 7, 442.	1.0	16
32	Revisiting the tryptophan-serotonin deficiency and the inflammatory hypotheses of major depression in a biopsychosocial approach. <i>PeerJ</i> , 2017, 5, e3968.	0.9	16
33	Impaired aspirin-mediated platelet function inhibition in resuscitated patients with acute myocardial infarction treated with therapeutic hypothermia: a prospective, observational, non-randomized single-centre study. <i>Annals of Intensive Care</i> , 2018, 8, 28.	2.2	15
34	Incidence, predictors, and prognosis of premature discontinuation or switch of prasugrel or ticagrelor: the ATLANTIS - SWITCH study. <i>Scientific Reports</i> , 2019, 9, 8194.	1.6	15
35	Plasma parathyroid hormone and cardiovascular disease in treatment-naïve patients with primary hyperparathyroidism: The <sc>EPATH</sc> trial. <i>Journal of Clinical Hypertension</i> , 2017, 19, 1173-1180.	1.0	14
36	Haemodynamic Balance in Acute and Advanced Heart Failure: An Expert Perspective on the Role of Levosimendan. <i>Cardiac Failure Review</i> , 2019, 5, 155-161.	1.2	13

#	ARTICLE	IF	CITATIONS
37	The role of miRNAs in regulation of platelet activity and related diseases - a bioinformatic analysis. <i>Platelets</i> , 2022, 33, 1052-1064.	1.1	13
38	Myofilament glycation in diabetes reduces contractility by inhibiting tropomyosin movement, is rescued by cMyBPC domains. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 162, 1-9.	0.9	12
39	New Antihyperglycemic Drugs and Heart Failure: Synopsis of Basic and Clinical Data. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	11
40	Blood levels of microRNAs associated with ischemic heart disease differ between Austrians and Japanese: a pilot study. <i>Scientific Reports</i> , 2020, 10, 13628.	1.6	11
41	β-catenin regulates FOXP2 transcriptional activity via multiple binding sites. <i>FEBS Journal</i> , 2021, 288, 3261-3284.	2.2	11
42	Assessment of trimethylamine N-oxide (TMAO) as a potential biomarker of severe stress in patients vulnerable to posttraumatic stress disorder (PTSD) after acute myocardial infarction. <i>Häufige Utbildning</i> , 2021, 12, 1920201.	1.4	11
43	Alteration of circulating platelet-related and diabetes-related microRNAs in individuals with type 2 diabetes mellitus: a stepwise hypoglycaemic clamp study. <i>Cardiovascular Diabetology</i> , 2022, 21, .	2.7	11
44	Revisiting the Diabetes-Heart Failure Connection. <i>Current Diabetes Reports</i> , 2018, 18, 134.	1.7	10
45	Obstructive sleep apnea is associated with pulmonary artery thrombus load, disease severity, and survival in acute pulmonary embolism. <i>Clinical Research in Cardiology</i> , 2020, 109, 13-21.	1.5	10
46	Ertugliflozin to reduce arrhythmic burden in ICD/CRT patients (ERASe-trial) – A phase III study. <i>American Heart Journal</i> , 2022, 246, 152-160.	1.2	9
47	Effect of eplerenone on markers of bone turnover in patients with primary hyperparathyroidism – The randomized, placebo-controlled EPATH trial. <i>Bone</i> , 2017, 105, 212-217.	1.4	8
48	Can sodium glucose cotransporter 2 (SGLT-2) inhibitors be beneficial in patients with acute myocardial infarction?. <i>Kardiologia Polska</i> , 2021, 79, 503-509.	0.3	8
49	A biopsychosocial model of severe fear of COVID-19. <i>PLoS ONE</i> , 2022, 17, e0264357.	1.1	8
50	The role of stretch, tachycardia and sodium-calcium exchanger in induction of early cardiac remodelling. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 8732-8743.	1.6	6
51	Ticagrelor and prasugrel are independent predictors of improved long-term survival in ACS patients. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13304.	1.7	6
52	Impact of comorbidities on mortality in hospitalized influenza patients with diabetes – Analysis of the Austrian Health Insurance. <i>Diabetes Research and Clinical Practice</i> , 2021, 174, 108758.	1.1	5
53	Istaroxime, a potential anticancer drug in prostate cancer, exerts beneficial functional effects in healthy and diseased human myocardium. <i>Oncotarget</i> , 2017, 8, 49264-49274.	0.8	5
54	Effects of Short Term Adiponectin Receptor Agonism on Cardiac Function and Energetics in Diabetic <i>db/db</i> Mice. <i>Journal of Lipid and Atherosclerosis</i> , 2022, 11, 161.	1.1	5

#	ARTICLE	IF	CITATIONS
55	PRospective REgistry of PATients in REfractory cardiogenic shockâ€”The PREPARE CardShock registry. Catheterization and Cardiovascular Interventions, 2022, 100, 319-327.	0.7	5
56	Frequency-dependence of the slow force response. Frontiers in Bioscience - Landmark, 2008, Volume, 7202.	3.0	4
57	Heart rate-reducing therapy with add-on ivabradine and bisoprolol before coronary computed tomographic angiography in a fast-track ambulatory setting. Journal of International Medical Research, 2018, 46, 2249-2257.	0.4	4
58	Staphylococcus lugdunensis Endocarditis in a 35-Year-Old Woman in Her 24th Week of Pregnancy. Case Reports in Obstetrics and Gynecology, 2016, 2016, 1-5.	0.2	3
59	Hypochlorite-Modified LDL Induces Arrhythmia and Contractile Dysfunction in Cardiomyocytes. Antioxidants, 2022, 11, 25.	2.2	3
60	In-Hospital Outcome Comparing Bivalirudin to Heparin in Real-World Primary Percutaneous Coronary Intervention. American Journal of Cardiology, 2017, 120, 2135-2140.	0.7	2
61	â€œProtocol for a phase 2, randomized, double-blind, placebo-controlled, safety and efficacy study of dutogliptin in combination with filgrastim in early recovery post-myocardial infarctionâ€” study protocol for a randomized controlled trial. Trials, 2020, 21, 744.	0.7	2
62	Thermic sealing in femoral catheterization: First experience with the Secure Device. Cardiology Journal, 2019, 26, 233-240.	0.5	1
63	Myocardial GLP-1 Receptor Activation in the Presence of Glucose: Strong Partners. International Journal of Peptide Research and Therapeutics, 2019, 25, 605-612.	0.9	0
64	2575. Dramatic Time-Dependent Changes of Bacterial and Fungal Taxonomic Signatures in 4 Body Regions of ICU Patients. Open Forum Infectious Diseases, 2019, 6, S895-S895.	0.4	0
65	No antiarrhythmic effect of direct oral anticoagulants versus vitamin K antagonists in paroxysmal atrial fibrillation patients undergoing catheter ablation. International Journal of Cardiology, 2021, 331, 106-108.	0.8	0
66	Improved in-hospital outcome for radial access in a large contemporary cohort of primary percutaneous coronary intervention. Cardiovascular Diagnosis and Therapy, 2021, 11, 726-735.	0.7	0
67	Sex-specific differences in trimethylamine N-oxide (TMAO) concentrations before and after cardiac rehabilitation in acute myocardial infarction patients.. EXCLI Journal, 2022, 21, 1-10.	0.5	0