

E Douglas Lewandowski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6688255/publications.pdf>

Version: 2024-02-01

27
papers

2,002
citations

394421

19
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

2561
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Chain Carbon Sources. JACC Basic To Translational Science, 2022, 7, 730-742.	4.1	8
2	Short-Chain Fatty Acids Outpace Ketone Oxidation in the Failing Heart. Circulation, 2021, 143, 1797-1808.	1.6	53
3	Mitochondrial pyruvate carriers are required for myocardial stress adaptation. Nature Metabolism, 2020, 2, 1248-1264.	11.9	87
4	â€œSensing Dangerâ€ Circulation, 2020, 142, 2259-2261.	1.6	0
5	Preservation of Acyl Coenzyme A Attenuates Pathological and Metabolic Cardiac Remodeling Through Selective Lipid Trafficking. Circulation, 2019, 139, 2765-2777.	1.6	57
6	The failing heart utilizes 3-hydroxybutyrate as a metabolic stress defense. JCI Insight, 2019, 4, .	5.0	218
7	Enhanced Redox State and Efficiency of Glucose Oxidation With miR Based Suppression of Maladaptive NADPH-Dependent Malic Enzyme 1 Expression in Hypertrophied Hearts. Circulation Research, 2018, 122, 836-845.	4.5	33
8	Multiphasic Regulation of Systemic and Peripheral Organ Metabolic Responses to Cardiac Hypertrophy. Circulation: Heart Failure, 2017, 10, .	3.9	16
9	Enhancing natriuretic peptide signaling in adipose tissue, but not in muscle, protects against diet-induced obesity and insulin resistance. Science Signaling, 2017, 10, .	3.6	82
10	Acyl CoA synthetase-1 links facilitated long chain fatty acid uptake to intracellular metabolic trafficking differently in hearts of male versus female mice. Journal of Molecular and Cellular Cardiology, 2016, 94, 1-9.	1.9	26
11	Triacylglycerol turnover in the failing heart. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 1492-1499.	2.4	21
12	The Failing Heart Relies on Ketone Bodies as a Fuel. Circulation, 2016, 133, 698-705.	1.6	506
13	Metabolic Efficiency Promotes Protection From Pressure Overload in Hearts Expressing Slow Skeletal Troponin I. Circulation: Heart Failure, 2015, 8, 119-127.	3.9	18
14	Impaired cytosolic NADH shuttling and elevated UCP3 contribute to inefficient citric acid cycle flux support of postischemic cardiac work in diabetic hearts. Journal of Molecular and Cellular Cardiology, 2015, 79, 13-20.	1.9	24
15	Characterization of the Cardiac Overexpression of HSPB2 Reveals Mitochondrial and Myogenic Roles Supported by a Cardiac HspB2 Interactome. PLoS ONE, 2015, 10, e0133994.	2.5	11
16	Is the Therapeutic Window for Mitochondrial ROS Half-Open or Half-Closed?. Circulation Research, 2014, 115, 329-331.	4.5	0
17	Matrix Revisited. Circulation Research, 2014, 114, 717-729.	4.5	85
18	Dietary Fat Supply to Failing Hearts Determines Dynamic Lipid Signaling for Nuclear Receptor Activation and Oxidation of Stored Triglyceride. Circulation, 2014, 130, 1790-1799.	1.6	93

#	ARTICLE	IF	CITATIONS
19	Acute Liver Carnitine Palmitoyltransferase I Overexpression Recapitulates Reduced Palmitate Oxidation of Cardiac Hypertrophy. <i>Circulation Research</i> , 2013, 112, 57-65.	4.5	27
20	Dissociation between Changes in Metabolism and Blood Flow During Coronary Artery Stenosis. <i>FASEB Journal</i> , 2011, 25, 1023.8.	0.5	0
21	Substrate-Enzyme Competition Attenuates Upregulated Anaplerotic Flux Through Malic Enzyme in Hypertrophied Rat Heart and Restores Triacylglyceride Content. <i>Circulation Research</i> , 2009, 104, 805-812.	4.5	143
22	The absence of endogenous lipid oxidation in early stage heart failure exposes limits in lipid storage and turnover. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 315-322.	1.9	111
23	Recruitment of Compensatory Pathways to Sustain Oxidative Flux With Reduced Carnitine Palmitoyltransferase I Activity Characterizes Inefficiency in Energy Metabolism in Hypertrophied Hearts. <i>Circulation</i> , 2007, 115, 2033-2041.	1.6	172
24	Mitochondrial Preference for Short Chain Fatty Acid Oxidation During Coronary Artery Constriction. <i>Circulation</i> , 2002, 105, 367-372.	1.6	38
25	Mitochondrial transporter responsiveness and metabolic flux homeostasis in postischemic hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 277, H866-H873.	3.2	12
26	Multipler structure of ¹³ C NMR signal from glutamate and direct detection of tricarboxylic acid (TCA) cycle intermediates. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 149-154.	3.0	43
27	Pyruvate Dehydrogenase Influences Postischemic Heart Function. <i>Circulation</i> , 1995, 91, 2071-2079.	1.6	117