

Liam M Heaney

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,100
citations

471371

17
h-index

414303

32
g-index

48
all docs

48
docs citations

48
times ranked

1748
citing authors

#	ARTICLE	IF	CITATIONS
1	Trimethylamine N-oxide and prognosis in acute heart failure. <i>Heart</i> , 2016, 102, 841-848.	1.2	195
2	Trimethylamine N-oxide and Risk Stratification after Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2017, 63, 420-428.	1.5	120
3	A call for the standardised reporting of factors affecting the exogenous loading of extracellular vesicles with therapeutic cargos. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 479-491.	6.6	68
4	Non-targeted metabolomics in sport and exercise science. <i>Journal of Sports Sciences</i> , 2019, 37, 959-967.	1.0	65
5	Probiotics: current landscape and future horizons. <i>Future Science OA</i> , 2019, 5, FSO391.	0.9	52
6	Klinefelter syndrome, insulin resistance, metabolic syndrome, and diabetes: review of literature and clinical perspectives. <i>Endocrine</i> , 2018, 61, 194-203.	1.1	44
7	Multiple hormonal and metabolic deficiency syndrome in chronic heart failure: rationale, design, and demographic characteristics of the T.O.S.C.A. Registry. <i>Internal and Emergency Medicine</i> , 2018, 13, 661-671.	1.0	41
8	Editor's Choice-Biomarkers of acute cardiovascular and pulmonary diseases. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2016, 5, 416-433.	0.4	39
9	Epigenetic reprogramming enhances the therapeutic efficacy of osteoblast-derived extracellular vesicles to promote human bone marrow stem cell osteogenic differentiation. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12118.	5.5	34
10	High mass accuracy assay for trimethylamine N-oxide using stable-isotope dilution with liquid chromatography coupled to orthogonal acceleration time of flight mass spectrometry with multiple reaction monitoring. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 797-804.	1.9	33
11	Combined use of trimethylamine N-oxide with BNP for risk stratification in heart failure with preserved ejection fraction: findings from the DIAMONDHFpEF study. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 2159-2162.	0.8	32
12	Real-time monitoring of exhaled volatiles using atmospheric pressure chemical ionization on a compact mass spectrometer. <i>Bioanalysis</i> , 2016, 8, 1325-1336.	0.6	29
13	Ethnic differences in association of outcomes with trimethylamine N-oxide in acute heart failure patients. <i>ESC Heart Failure</i> , 2020, 7, 2373-2378.	1.4	27
14	Applications of ambient ionization mass spectrometry in 2020: An annual review. <i>Analytical Science Advances</i> , 2021, 2, 193-212.	1.2	25
15	Association of gut-related metabolites with outcome in acute heart failure. <i>American Heart Journal</i> , 2021, 234, 71-80.	1.2	25
16	Osteoblast-Derived Vesicle Protein Content Is Temporally Regulated During Osteogenesis: Implications for Regenerative Therapies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 92.	2.0	24
17	Spatial variations in the microbial community structure and diversity of the human foot is associated with the production of odorous volatiles. <i>FEMS Microbiology Ecology</i> , 2015, 91, 1-11.	1.3	21
18	Proteomic Biomarkers of Heart Failure. <i>Heart Failure Clinics</i> , 2018, 14, 93-107.	1.0	17

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19	Advances in quadrupole and time-of-flight mass spectrometry for peptide MRM based translational research analysis. <i>Proteomics</i> , 2016, 16, 2206-2220.	1.3	16
20	Prognostic Role of Molecular Forms of B-Type Natriuretic Peptide in Acute Heart Failure. <i>Clinical Chemistry</i> , 2017, 63, 880-886.	1.5	16
21	Translation of exhaled breath volatile analyses to sport and exercise applications. <i>Metabolomics</i> , 2017, 13, 1.	1.4	16
22	Mass spectrometry in medicine: a technology for the future?. <i>Future Science OA</i> , 2017, 3, FSO213.	0.9	16
23	The "olfactory fingerprint" can diagnostics be improved by combining canine and digital noses?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 958-967.	1.4	16
24	A monolithic single-chip point-of-care platform for metabolomic prostate cancer detection. <i>Microsystems and Nanoengineering</i> , 2021, 7, 21.	3.4	14
25	Applications of ambient ionization mass spectrometry in 2021: An annual review. <i>Analytical Science Advances</i> , 2022, 3, 67-89.	1.2	14
26	Applying mass spectrometry-based assays to explore gut microbial metabolism and associations with disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 719-732.	1.4	13
27	The Athlete and Gut Microbiome: Short-chain Fatty Acids as Potential Ergogenic Aids for Exercise and Training. <i>International Journal of Sports Medicine</i> , 2021, 42, 1143-1158.	0.8	13
28	Gut microbial metabolites as mediators of renal disease: do short-chain fatty acids offer some hope?. <i>Future Science OA</i> , 2019, 5, FSO384.	0.9	12
29	Impact of acute choline loading on circulating trimethylamine N-oxide levels. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1899-1902.	0.8	12
30	Multiple hormone deficiency syndrome: a novel topic in chronic heart failure. <i>Future Science OA</i> , 2018, 4, FSO311.	0.9	9
31	Physical activity and lipidomics in a population at high risk of type 2 diabetes mellitus. <i>Journal of Sports Sciences</i> , 2020, 38, 1150-1160.	1.0	7
32	B-type natriuretic peptide molecular forms for risk stratification and prediction of outcome after acute myocardial infarction. <i>American Heart Journal</i> , 2018, 200, 37-43.	1.2	6
33	Advancements in mass spectrometry as a tool for clinical analysis: Part I. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 639-642.	1.4	6
34	The Impact of a Graded Maximal Exercise Protocol on Exhaled Volatile Organic Compounds: A Pilot Study. <i>Molecules</i> , 2022, 27, 370.	1.7	6
35	Advancements in mass spectrometry as a tool for clinical analysis: part II. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 855-857.	1.4	5
36	Evidence for alternative exhaled elimination profiles of disinfection by-products and potential markers of airway responses to swimming in a chlorinated pool environment. <i>Indoor Air</i> , 2020, 30, 284-293.	2.0	4

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37	Biomarkers in Heart Failure and Associated Diseases. Disease Markers, 2019, 2019, 1-2.	0.6	3
38	Proteomics of human plasma in diastolic heart failure (DHF) using novel chemical affinity, mixed mode matrix (M3). Heart, 2015, 101, A7.1-A7.	1.2	0
39	In Reply. Clinical Chemistry, 2017, 63, 1046-1047.	1.5	0
40	Future Science OA 2019 early career researcher issue: foreword. Future Science OA, 2019, 5, FSO393.	0.9	0
41	Do Elite Games Players Achieve Target VE During Eucapnic Voluntary Hyperpnoea Trails. Medicine and Science in Sports and Exercise, 2014, 46, 526-527.	0.2	0
42	Clinical mass spectrometry in heart disease. Neurology International, 2015, 5, .	0.2	0
43	In reply: The emerging value of molecular forms of B-type natriuretic peptide in heart failure. Journal of Laboratory and Precision Medicine, 0, 2, 62-62.	1.1	0
44	Serial measurements of natriuretic peptide to assess pharmacological interventions and subsequent impact on cardiovascular risk stratification in heart failure: a precision medicine approach. Journal of Laboratory and Precision Medicine, 0, 2, 17-17.	1.1	0
45	Simple, high-throughput measurement of gut-derived short-chain fatty acids in clinically relevant biofluids using gas chromatography-mass spectrometry. Journal of Mass Spectrometry and Advances in the Clinical Lab, 2022, , .	1.3	0