

# Miriam Hoene

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

861  
citations

516710

16  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1668  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous extraction of metabolome and lipidome with methyl tert-butyl ether from a single small tissue sample for ultra-high performance liquid chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1298, 9-16.	3.7	173
2	Retention Time Prediction Improves Identification in Nontargeted Lipidomics Approaches. <i>Analytical Chemistry</i> , 2015, 87, 7698-7704.	6.5	80
3	Acute regulation of metabolic genes and insulin receptor substrates in the liver of mice by one single bout of treadmill exercise. <i>Journal of Physiology</i> , 2009, 587, 241-252.	2.9	79
4	Type 2 diabetes alters metabolic and transcriptional signatures of glucose and amino acid metabolism during exercise and recovery. <i>Diabetologia</i> , 2015, 58, 1845-1854.	6.3	79
5	Serum or plasma, what is the difference? Investigations to facilitate the sample material selection decision making process for metabolomics studies and beyond. <i>Analytica Chimica Acta</i> , 2018, 1037, 293-300.	5.4	54
6	The lipid profile of brown adipose tissue is sex-specific in mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 1563-1570.	2.4	52
7	The stress response of the liver to physical exercise. <i>Exercise Immunology Review</i> , 2010, 16, 163-83.	0.4	45
8	Hepatokines—a novel group of exercise factors. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 383-396.	2.8	40
9	Human Prostate Cancer Is Characterized by an Increase in Urea Cycle Metabolites. <i>Cancers</i> , 2020, 12, 1814.	3.7	37
10	Purity matters: A workflow for the valid high-resolution lipid profiling of mitochondria from cell culture samples. <i>Scientific Reports</i> , 2016, 6, 21107.	3.3	35
11	Dissociation of Fatty Liver and Insulin Resistance in I148M PNPLA3 Carriers: Differences in Diacylglycerol (DAG) FA18:1 Lipid Species as a Possible Explanation. <i>Nutrients</i> , 2018, 10, 1314.	4.1	33
12	Linking bioenergetic function of mitochondria to tissue-specific molecular fingerprints. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E374-E387.	3.5	29
13	Muscle-Liver Substrate Fluxes in Exercising Humans and Potential Effects on Hepatic Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1196-1209.	3.6	27
14	Evaluation of the first immunosuppressive drug assay available on a fully automated LC-MS/MS-based clinical analyzer suggests a new era in laboratory medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 913-920.	2.3	24
15	Point mutation of Ffar1 abrogates fatty acid-dependent insulin secretion, but protects against HFD-induced glucose intolerance. <i>Molecular Metabolism</i> , 2017, 6, 1304-1312.	6.5	19
16	Muscle and liver-specific alterations in lipid and acylcarnitine metabolism after a single bout of exercise in mice. <i>Scientific Reports</i> , 2016, 6, 22218.	3.3	17
17	Signals from the Circle: Tricarboxylic Acid Cycle Intermediates as Myometabokines. <i>Metabolites</i> , 2021, 11, 474.	2.9	13
18	Exercise prevents fatty liver by modifying the compensatory response of mitochondrial metabolism to excess substrate availability. <i>Molecular Metabolism</i> , 2021, 54, 101359.	6.5	11

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19	A Vitamin E-Enriched Antioxidant Diet Interferes with the Acute Adaptation of the Liver to Physical Exercise in Mice. <i>Nutrients</i> , 2018, 10, 547.	4.1	9
20	Free fatty acids, glicentin and glucose-dependent insulintropic polypeptide as potential major determinants of fasting substrate oxidation. <i>Scientific Reports</i> , 2021, 11, 16642.	3.3	4
21	Diagnostic Performance of Sex-Specific Modified Metabolite Patterns in Urine for Screening of Prediabetes. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	1