

# Marko Sysi-Aho

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10980637/publications.pdf>

Version: 2024-02-01

26  
papers

3,438  
citations

361413

20  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

6230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gender, Contraceptives and Individual Metabolic Predisposition Shape a Healthy Plasma Lipidome. <i>Scientific Reports</i> , 2016, 6, 27710.	3.3	91
2	Plasma ceramides predict cardiovascular death in patients with stable coronary artery disease and acute coronary syndromes beyond LDL-cholesterol. <i>European Heart Journal</i> , 2016, 37, 1967-1976.	2.2	433
3	Circulating Ceramides Predict Cardiovascular Outcomes in the Population-Based FINRISK 2002 Cohort. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2424-2430.	2.4	249
4	Development and validation of a high-throughput LC-MS/MS assay for routine measurement of molecular ceramides. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3475-3483.	3.7	61
5	Plasma concentrations of molecular lipid species in relation to coronary plaque characteristics and cardiovascular outcome: Results of the ATHEROREMO-IVUS study. <i>Atherosclerosis</i> , 2015, 243, 560-566.	0.8	120
6	Statistical Methods for Handling Unwanted Variation in Metabolomics Data. <i>Analytical Chemistry</i> , 2015, 87, 3606-3615.	6.5	152
7	Monounsaturated fatty acids in serum triacylglycerols are associated with response to neoadjuvant chemotherapy in breast cancer patients. <i>International Journal of Cancer</i> , 2014, 134, 1725-1733.	5.1	40
8	Cord Serum Lipidome in Prediction of Islet Autoimmunity and Type 1 Diabetes. <i>Diabetes</i> , 2013, 62, 3268-3274.	0.6	81
9	Integrated Model of Metabolism and Autoimmune Response in $\beta$ -Cell Death and Progression to Type 1 Diabetes. <i>PLoS ONE</i> , 2012, 7, e51909.	2.5	11
10	Metabolome in schizophrenia and other psychotic disorders: a general population-based study. <i>Genome Medicine</i> , 2011, 3, 19.	8.2	131
11	Serum Lipidomics Meets Cardiac Magnetic Resonance Imaging: Profiling of Subjects at Risk of Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2011, 6, e15744.	2.5	28
12	Novel Theranostic Opportunities Offered by Characterization of Altered Membrane Lipid Metabolism in Breast Cancer Progression. <i>Cancer Research</i> , 2011, 71, 3236-3245.	0.9	444
13	Metabolic Regulation in Progression to Autoimmune Diabetes. <i>PLoS Computational Biology</i> , 2011, 7, e1002257.	3.2	74
14	ELEVATED SERUM SPHINGOMYELIN ASSOCIATES WITH REDUCED GRAY MATTER DENSITY: EVIDENCE FROM TWINS DISCORDANT FOR SCHIZOPHRENIA. <i>Schizophrenia Research</i> , 2010, 117, 370-371.	2.0	0
15	Searching for Linear Dependencies between Heart Magnetic Resonance Images and Lipid Profiles. <i>Lecture Notes in Computer Science</i> , 2010, , 232-243.	1.3	0
16	Bioinformatics and computational methods for lipidomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2855-2862.	2.3	92
17	Dysregulation of lipid and amino acid metabolism precedes islet autoimmunity in children who later progress to type 1 diabetes. <i>Journal of Experimental Medicine</i> , 2008, 205, 2975-2984.	8.5	399
18	Gender-dependent progression of systemic metabolic states in early childhood. <i>Molecular Systems Biology</i> , 2008, 4, 197.	7.2	54

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19	Effect of probiotic <i>Lactobacillus rhamnosus</i> GG intervention on global serum lipidomic profiles in healthy adults. <i>World Journal of Gastroenterology</i> , 2008, 14, 3188.	3.3	60
20	Exploring the lipoprotein composition using Bayesian regression on serum lipidomic profiles. <i>Bioinformatics</i> , 2007, 23, i519-i528.	4.1	22
21	Normalization method for metabolomics data using optimal selection of multiple internal standards. <i>BMC Bioinformatics</i> , 2007, 8, 93.	2.6	300
22	Acquired Obesity Is Associated with Changes in the Serum Lipidomic Profile Independent of Genetic Effects – A Monozygotic Twin Study. <i>PLoS ONE</i> , 2007, 2, e218.	2.5	356
23	A Systems Biology Strategy Reveals Biological Pathways and Plasma Biomarker Candidates for Potentially Toxic Statin-Induced Changes in Muscle. <i>PLoS ONE</i> , 2006, 1, e97.	2.5	202
24	Invisible hand effect in an evolutionary minority game model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 347, 639-652.	2.6	7
25	Searching for good strategies in adaptive minority games. <i>Physical Review E</i> , 2004, 69, 036125.	2.1	18
26	Adaptation using hybridized genetic crossover strategies. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 322, 701-709.	2.6	13