

# 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	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
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	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
4	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
5	Normalization method for metabolomics data using optimal selection of multiple internal standards. <i>BMC Bioinformatics</i> , 2007, 8, 93.	2.6	300
6	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
7	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
8	Statistical Methods for Handling Unwanted Variation in Metabolomics Data. <i>Analytical Chemistry</i> , 2015, 87, 3606-3615.	6.5	152
9	Metabolome in schizophrenia and other psychotic disorders: a general population-based study. <i>Genome Medicine</i> , 2011, 3, 19.	8.2	131
10	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
11	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
12	Gender, Contraceptives and Individual Metabolic Predisposition Shape a Healthy Plasma Lipidome. <i>Scientific Reports</i> , 2016, 6, 27710.	3.3	91
13	Cord Serum Lipidome in Prediction of Islet Autoimmunity and Type 1 Diabetes. <i>Diabetes</i> , 2013, 62, 3268-3274.	0.6	81
14	Metabolic Regulation in Progression to Autoimmune Diabetes. <i>PLoS Computational Biology</i> , 2011, 7, e1002257.	3.2	74
15	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
16	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
17	Gender-dependent progression of systemic metabolic states in early childhood. <i>Molecular Systems Biology</i> , 2008, 4, 197.	7.2	54
18	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

#	ARTICLE	IF	CITATIONS
19	Serum Lipidomics Meets Cardiac Magnetic Resonance Imaging: Profiling of Subjects at Risk of Dilated Cardiomyopathy. PLoS ONE, 2011, 6, e15744.	2.5	28
20	Exploring the lipoprotein composition using Bayesian regression on serum lipidomic profiles. Bioinformatics, 2007, 23, i519-i528.	4.1	22
21	Searching for good strategies in adaptive minority games. Physical Review E, 2004, 69, 036125.	2.1	18
22	Adaptation using hybridized genetic crossover strategies. Physica A: Statistical Mechanics and Its Applications, 2003, 322, 701-709.	2.6	13
23	Integrated Model of Metabolism and Autoimmune Response in $\beta$ -Cell Death and Progression to Type 1 Diabetes. PLoS ONE, 2012, 7, e51909.	2.5	11
24	Invisible hand effect in an evolutionary minority game model. Physica A: Statistical Mechanics and Its Applications, 2005, 347, 639-652.	2.6	7
25	ELEVATED SERUM SPHINGOMYELIN ASSOCIATES WITH REDUCED GRAY MATTER DENSITY: EVIDENCE FROM TWINS DISCORDANT FOR SCHIZOPHRENIA. Schizophrenia Research, 2010, 117, 370-371.	2.0	0
26	Searching for Linear Dependencies between Heart Magnetic Resonance Images and Lipid Profiles. Lecture Notes in Computer Science, 2010, , 232-243.	1.3	0