Kai Simons

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/6812954/kai-simons-publications-by-year.pdf
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46 papers	9,726 citations	22 h-index	51 g-index
51 ext. papers	11,017 ext. citations	13.2 avg, IF	6.43 L-index

#	Paper	IF	Citations
46	Adverse Effects of Refeeding on the Plasma Lipidome in Young Individuals With Anorexia Nervosa?. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2021**, 60, 1479-1490	7.2	1
45	A plasma lipid signature predicts incident coronary artery disease. *International Journal of Cardiology*, **2021**, 331, 249-254	3.2	6
44	Replication and cross-validation of type 2 diabetes subtypes based on clinical variables: an IMI-RHAPSODY study. *Diabetologia*, **2021**, 64, 1982-1989	10.3	11
43	Distinct Molecular Signatures of Clinical Clusters in People With Type 2 Diabetes: An IMI-RHAPSODY Study. *Diabetes*, **2021**, 70, 2683-2693	0.9	4
42	Mouse lipidomics reveals inherent flexibility of a mammalian lipidome. *Scientific Reports*, **2021**, 11, 19364	4.9	8
41	Shotgun Lipidomics Discovered Diurnal Regulation of Lipid Metabolism Linked to Insulin Sensitivity in Nondiabetic Men. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	9
40	Plasma Lipidome and Prediction of Type 2 Diabetes in the Population-Based Malm Diet and Cancer Cohort. *Diabetes Care*, **2020**, 43, 366-373	14.6	12
39	Genetic architecture of human plasma lipidome and its link to cardiovascular disease. *Nature Communications*, **2019**, 10, 4329	17.4	58
38	Coronary Artery Disease Risk and Lipidomic Profiles Are Similar in Hyperlipidemias With Family History and Population-Ascertained Hyperlipidemias. *Journal of the American Heart Association*, **2019**, 8, e012415	6	11
37	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort. *PLoS Biology*, **2019**, 17, e3000443	9.7	28
36	Suzanne Eaton (1959-2019): A pioneer in quantitative tissue morphogenesis. *Journal of Cell Biology*, **2019**, 218, 2819-2821	7.3	1
35	Comprehensive and quantitative analysis of white and brown adipose tissue by shotgun lipidomics. *Molecular Metabolism*, **2019**, 22, 12-20	8.8	19
34	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort **2019**, 17, e3000443		
33	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort **2019**, 17, e3000443		
32	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort **2019**, 17, e3000443		
31	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort **2019**, 17, e3000443		
30	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort **2019**, 17, e3000443		

29	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. *Cell*, **2018**, 172, 147-161.e12	56.2	417
28	Lipidomimetic Compounds Act as HIV-1 Entry Inhibitors by Altering Viral Membrane Structure. *Frontiers in Immunology*, **2018**, 9, 1983	8.4	10
27	Coming to grips with cell surface polarity. *Nature Reviews Molecular Cell Biology*, **2017**, 18, 278	48.7	1
26	Large-scale human skin lipidomics by quantitative, high-throughput shotgun mass spectrometry. *Scientific Reports*, **2017**, 7, 43761	4.9	34
25	Lipidomic approach for stratification of acute myeloid leukemia patients. *PLoS ONE*, **2017**, 12, e0168781	3.7	23
24	Glycosylphosphatidylinositol-anchored proteins: Membrane organization and transport. *Biochimica Et Biophysica Acta - Biomembranes*, **2016**, 1858, 632-9	3.8	76
23	My Early Days with Ari Helenius: Detergents and Viruses. *Traffic*, **2016**, 17, 305-7	5.7	
22	Identification of Shared and Unique Serum Lipid Profiles in Diabetes Mellitus and Myocardial Infarction. *Journal of the American Heart Association*, **2016**, 5,	6	9
21	Specific Inhibition of β-Secretase Processing of the Alzheimer Disease Amyloid Precursor Protein. *Cell Reports*, **2016**, 14, 2127-2141	10.6	71
20	N-Glycosylation as determinant of epidermal growth factor receptor conformation in membranes. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 4334-9	11.5	98
19	Hopanoids as functional analogues of cholesterol in bacterial membranes. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 11971-6	11.5	140
18	An automated shotgun lipidomics platform for high throughput, comprehensive, and quantitative analysis of blood plasma intact lipids. *European Journal of Lipid Science and Technology*, **2015**, 117, 1540-1549	3	142
17	Adaptive lipid packing and bioactivity in membrane domains. *PLoS ONE*, **2015**, 10, e0123930	3.7	70
16	Membrane raft association is a determinant of plasma membrane localization. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 8500-5	11.5	134
15	A lipid E-MAP identifies Ubx2 as a critical regulator of lipid saturation and lipid bilayer stress. *Molecular Cell*, **2013**, 51, 519-30	17.6	100
14	Lipids in Cells **2012**, 21-34		0
13	Flexibility of a eukaryotic lipidome--insights from yeast lipidomics. *PLoS ONE*, **2012**, 7, e35063	3.7	180
12	Membrane organization and lipid rafts. *Cold Spring Harbor Perspectives in Biology*, **2011**, 3, a004697	10.2	683

11	Membrane lipidome of an epithelial cell line. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 1903-7	11.5	326
10	Retrospective. Lennart Philipson (1929-2011). *Science*, **2011**, 333, 711	33.3	
9	Global analysis of the yeast lipidome by quantitative shotgun mass spectrometry. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 2136-41	11.5	733
8	Lipid Rafts, Caveolae, and Membrane Traffic **2006**, 1-23		5
7	The European research council on the brink. *Cell*, **2005**, 123, 747-50	56.2	2
6	Cholesterol, lipid rafts, and disease. *Journal of Clinical Investigation*, **2002**, 110, 597-603	15.9	321
5	Cholesterol depletion reduces apical transport capacity in epithelial Madin□arby canine kidney cells. *Biochemical Journal*, **2001**, 357, 11-15	3.8	22
4	Visualization of Membrane Sorting and Fusion in Living Cells using Total Internal Reflection (TIR) and Multicolor Video Microscopy. *Microscopy and Microanalysis*, **2001**, 7, 34-35	0.5	
3	Lipid rafts and signal transduction. *Nature Reviews Molecular Cell Biology*, **2000**, 1, 31-9	48.7	4950
2	Fusion of constitutive membrane traffic with the cell surface observed by evanescent wave microscopy. *Journal of Cell Biology*, **2000**, 149, 33-40	7.3	137
1	Clusters of glycolipid and glycosylphosphatidylinositol-anchored proteins in lymphoid cells: accumulation of actin regulated by local tyrosine phosphorylation. *European Journal of Immunology*, **1999**, 29, 556-62	6.1	303