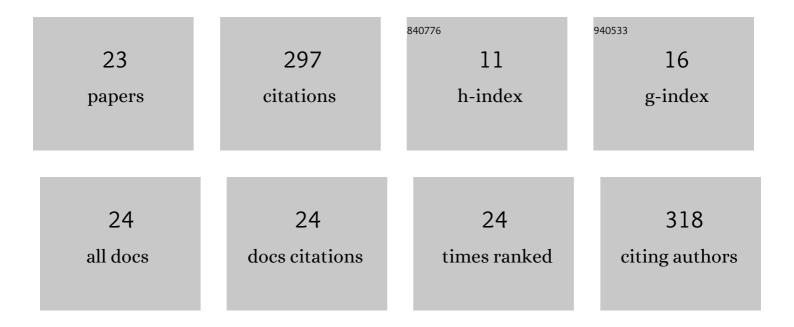
Akiyoshi Hirayama

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2605389/publications.pdf

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#	Article	IF	CITATIONS
1	Inter-Laboratory Comparison of Metabolite Measurements for Metabolomics Data Integration. Metabolites, 2019, 9, 257.	2.9	34
2	Development of a sheathless CEâ€ESIâ€MS interface. Electrophoresis, 2018, 39, 1382-1389.	2.4	33
3	TGF-β-dependent reprogramming of amino acid metabolism induces epithelial–mesenchymal transition in non-small cell lung cancers. Communications Biology, 2021, 4, 782.	4.4	29
4	Asperuloside Improves Obesity and Type 2 Diabetes through Modulation of Gut Microbiota and Metabolic Signaling. IScience, 2020, 23, 101522.	4.1	21
5	Transomics analysis reveals allosteric and gene regulation axes for altered hepatic glucose-responsive metabolism in obesity. Science Signaling, 2020, 13, .	3.6	21
6	Metabolic profiling of prostate cancer in skeletal microenvironments identifies G6PD as a key mediator of growth and survival. Science Advances, 2022, 8, eabf9096.	10.3	19
7	Kinetic Trans-omic Analysis Reveals Key Regulatory Mechanisms for Insulin-Regulated Glucose Metabolism in Adipocytes. IScience, 2020, 23, 101479.	4.1	17
8	Comprehensive Dipeptide Profiling and Quantitation by Capillary Electrophoresis and Liquid Chromatography Coupled with Tandem Mass Spectrometry. Analytical Chemistry, 2020, 92, 9799-9806.	6.5	16
9	Metabolomic Analysis of Small Extracellular Vesicles Derived from Pancreatic Cancer Cells Cultured under Normoxia and Hypoxia. Metabolites, 2021, 11, 215.	2.9	16
10	Comprehensive Dipeptide Analysis Revealed Cancer-Specific Profile in the Liver of Patients with Hepatocellular Carcinoma and Hepatitis. Metabolites, 2020, 10, 442.	2.9	15
11	The use of a double coaxial electrospray ionization sprayer improves the peak resolutions of anionic metabolites in capillary ion chromatography-mass spectrometry. Journal of Chromatography A, 2020, 1619, 460914.	3.7	15
12	Seaweed Dietary Fiber Sodium Alginate Suppresses the Migration of Colonic Inflammatory Monocytes and Diet-Induced Metabolic Syndrome via the Gut Microbiota. Nutrients, 2021, 13, 2812.	4.1	13
13	A Metabolomic Profile Predictive of New Osteoporosis or Sarcopenia Development. Metabolites, 2021, 11, 278.	2.9	10
14	Xanthurenic Acid Is the Main Pigment of Trichonephila clavata Gold Dragline Silk. Biomolecules, 2021, 11, 563.	4.0	9
15	Quality Assessment of Untargeted Analytical Data in a Large-Scale Metabolomic Study. Journal of Clinical Medicine, 2021, 10, 1826.	2.4	6
16	Urinary Metabolome Analyses of Patients with Acute Kidney Injury Using Capillary Electrophoresis-Mass Spectrometry. Metabolites, 2021, 11, 671.	2.9	6
17	Comparative Metabolomics of Small Molecules Specifically Expressed in the Dorsal or Ventral Marginal Zones in Vertebrate Gastrula. Metabolites, 2022, 12, 566.	2.9	6
18	Four features of temporal patterns characterize similarity among individuals and molecules by glucose ingestion in humans. Npj Systems Biology and Applications, 2022, 8, 6.	3.0	5

#	Article	IF	CITATIONS
19	Basigin deficiency prevents anaplerosis and ameliorates insulin resistance and hepatosteatosis. JCI Insight, 2021, 6, .	5.0	3
20	Hao1 Is Not a Pathogenic Factor for Ectopic Ossifications but Functions to Regulate the TCA Cycle In Vivo. Metabolites, 2022, 12, 82.	2.9	1
21	Comparative Evaluation of Plasma Metabolomic Data from Multiple Laboratories. Metabolites, 2022, 12, 135.	2.9	1
22	Metabolic Effects of Bee Larva-Derived Protein in Mice: Assessment of an Alternative Protein Source. Foods, 2021, 10, 2642.	4.3	0
23	Development of Fluorophosphoramidate as a Biocompatibly Transformable Functional Group and its Application as a Phosphate Prodrug for Nucleoside Analogs. ChemMedChem, 2022, 17, .	3.2	0