Kazutaka Ikeda

List of Publications by Year
in descending order

19 papers	3,431 citations	516710 16 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	4930 citing authors

#	Article	IF	Citations
1	Group IIA secreted phospholipase A2 controls skin carcinogenesis and psoriasis by shaping the gut microbiota. JCI Insight, 2022, 7, .	5.0	24
2	Comparative Evaluation of Plasma Metabolomic Data from Multiple Laboratories. Metabolites, 2022, 12, 135.	2.9	1
3	Senolysis by glutaminolysis inhibition ameliorates various age-associated disorders. Science, 2021, 371, 265-270.	12.6	222
4	Filopodium-derived vesicles produced by MIM enhance the migration of recipient cells. Developmental Cell, 2021, 56, 842-859.e8.	7.0	30
5	Elucidation of Gut Microbiota-Associated Lipids Using LC-MS/MS and 16S rRNA Sequence Analyses. IScience, 2020, 23, 101841.	4.1	33
6	N-Glycans on EGF domain-specific O-GlcNAc transferase (EOGT) facilitate EOGT maturation and peripheral endoplasmic reticulum localization. Journal of Biological Chemistry, 2020, 295, 8560-8574.	3.4	12
7	A lipidome atlas in MS-DIAL 4. Nature Biotechnology, 2020, 38, 1159-1163.	17.5	424
8	Inter-Laboratory Comparison of Metabolite Measurements for Metabolomics Data Integration. Metabolites, 2019, 9, 257.	2.9	34
9	Characterization of Lipid Profiles after Dietary Intake of Polyunsaturated Fatty Acids Using Integrated Untargeted and Targeted Lipidomics. Metabolites, 2019, 9, 241.	2.9	48
10	Reelin deficiency leads to aberrant lipid composition in mouse brain. Biochemical and Biophysical Research Communications, 2018, 505, 81-86.	2.1	5
11	Structural Divergence in O-GlcNAc Glycans Displayed on Epidermal Growth Factor-like Repeats of Mammalian Notch1. Molecules, 2018, 23, 1745.	3.8	36
12	MS-based lipidomics of human blood plasma: a community-initiated position paper to develop accepted guidelines. Journal of Lipid Research, 2018, 59, 2001-2017.	4.2	231
13	PNPLA1 has a crucial role in skin barrier function by directing acylceramide biosynthesis. Nature Communications, 2017, 8, 14609.	12.8	107
14	The importance of bioinformatics for connecting data-driven lipidomics and biological insights. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 762-765.	2.4	19
15	Comprehensive identification of sphingolipid species by in silico retention time and tandem mass spectral library. Journal of Cheminformatics, 2017, 9, 19.	6.1	54
16	Group X Secreted Phospholipase A2 Releases Ï‰3 Polyunsaturated Fatty Acids, Suppresses Colitis, and Promotes Sperm Fertility. Journal of Biological Chemistry, 2016, 291, 6895-6911.	3.4	66
17	MS-DIAL: data-independent MS/MS deconvolution for comprehensive metabolome analysis. Nature Methods, 2015, 12, 523-526.	19.0	1,955
18	The role of group IIF-secreted phospholipase A2 in epidermal homeostasis and hyperplasia. Journal of Experimental Medicine, 2015, 212, 1901-1919.	8.5	84

#	Article	IF	Citations
19	Physiological Roles of Group X-secreted Phospholipase A2 in Reproduction, Gastrointestinal Phospholipid Digestion, and Neuronal Function. Journal of Biological Chemistry, 2011, 286, 11632-11648.	3.4	46