

# Kazutaka Ikeda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2034729/publications.pdf>

Version: 2024-02-01

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	MS-DIAL: data-independent MS/MS deconvolution for comprehensive metabolome analysis. <i>Nature Methods</i> , 2015, 12, 523-526.	19.0	1,955
2	A lipidome atlas in MS-DIAL 4. <i>Nature Biotechnology</i> , 2020, 38, 1159-1163.	17.5	424
3	MS-based lipidomics of human blood plasma: a community-initiated position paper to develop accepted guidelines. <i>Journal of Lipid Research</i> , 2018, 59, 2001-2017.	4.2	231
4	Senolysis by glutaminolysis inhibition ameliorates various age-associated disorders. <i>Science</i> , 2021, 371, 265-270.	12.6	222
5	PNPLA1 has a crucial role in skin barrier function by directing acylceramide biosynthesis. <i>Nature Communications</i> , 2017, 8, 14609.	12.8	107
6	The role of group IIF-secreted phospholipase A2 in epidermal homeostasis and hyperplasia. <i>Journal of Experimental Medicine</i> , 2015, 212, 1901-1919.	8.5	84
7	Group X Secreted Phospholipase A2 Releases $\omega$ 3 Polyunsaturated Fatty Acids, Suppresses Colitis, and Promotes Sperm Fertility. <i>Journal of Biological Chemistry</i> , 2016, 291, 6895-6911.	3.4	66
8	Comprehensive identification of sphingolipid species by in silico retention time and tandem mass spectral library. <i>Journal of Cheminformatics</i> , 2017, 9, 19.	6.1	54
9	Characterization of Lipid Profiles after Dietary Intake of Polyunsaturated Fatty Acids Using Integrated Untargeted and Targeted Lipidomics. <i>Metabolites</i> , 2019, 9, 241.	2.9	48
10	Physiological Roles of Group X-secreted Phospholipase A2 in Reproduction, Gastrointestinal Phospholipid Digestion, and Neuronal Function. <i>Journal of Biological Chemistry</i> , 2011, 286, 11632-11648.	3.4	46
11	Structural Divergence in O-GlcNAc Glycans Displayed on Epidermal Growth Factor-like Repeats of Mammalian Notch1. <i>Molecules</i> , 2018, 23, 1745.	3.8	36
12	Inter-Laboratory Comparison of Metabolite Measurements for Metabolomics Data Integration. <i>Metabolites</i> , 2019, 9, 257.	2.9	34
13	Elucidation of Gut Microbiota-Associated Lipids Using LC-MS/MS and 16S rRNA Sequence Analyses. <i>IScience</i> , 2020, 23, 101841.	4.1	33
14	Filopodium-derived vesicles produced by MIM enhance the migration of recipient cells. <i>Developmental Cell</i> , 2021, 56, 842-859.e8.	7.0	30
15	Group IIA secreted phospholipase A2 controls skin carcinogenesis and psoriasis by shaping the gut microbiota. <i>JCI Insight</i> , 2022, 7, .	5.0	24
16	The importance of bioinformatics for connecting data-driven lipidomics and biological insights. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 762-765.	2.4	19
17	N-Glycans on EGF domain-specific O-GlcNAc transferase (EOGT) facilitate EOGT maturation and peripheral endoplasmic reticulum localization. <i>Journal of Biological Chemistry</i> , 2020, 295, 8560-8574.	3.4	12
18	Reelin deficiency leads to aberrant lipid composition in mouse brain. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 81-86.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Comparative Evaluation of Plasma Metabolomic Data from Multiple Laboratories. <i>Metabolites</i> , 2022, 12, 135.	2.9	1