

# Yoshiya Oda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/325663/publications.pdf>

Version: 2024-02-01

76  
papers

8,531  
citations

101543

36  
h-index

82547

72  
g-index

76  
all docs

76  
docs citations

76  
times ranked

11718  
citing authors

#	ARTICLE	IF	CITATIONS
1	MassBank: a public repository for sharing mass spectral data for life sciences. <i>Journal of Mass Spectrometry</i> , 2010, 45, 703-714.	1.6	1,831
2	Exponentially Modified Protein Abundance Index (emPAI) for Estimation of Absolute Protein Amount in Proteomics by the Number of Sequenced Peptides per Protein. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1265-1272.	3.8	1,817
3	Enrichment analysis of phosphorylated proteins as a tool for probing the phosphoproteome. <i>Nature Biotechnology</i> , 2001, 19, 379-382.	17.5	801
4	Improvement of in-gel digestion protocol for peptide mass fingerprinting by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1416-1421.	1.5	228
5	Quantitative mouse brain proteomics using culture-derived isotope tags as internal standards. <i>Nature Biotechnology</i> , 2005, 23, 617-621.	17.5	216
6	Critical Role of Calpain-mediated Cleavage of Calcineurin in Excitotoxic Neurodegeneration. <i>Journal of Biological Chemistry</i> , 2004, 279, 4929-4940.	3.4	208
7	Quantitative Chemical Proteomics for Identifying Candidate Drug Targets. <i>Analytical Chemistry</i> , 2003, 75, 2159-2165.	6.5	196
8	Specificity of Immobilized Metal Affinity-Based IMAC/C18 Tip Enrichment of Phosphopeptides for Protein Phosphorylation Analysis. <i>Analytical Chemistry</i> , 2005, 77, 5144-5154.	6.5	195
9	Cophosphorylation of amphiphysin I and dynamin I by Cdk5 regulates clathrin-mediated endocytosis of synaptic vesicles. <i>Journal of Cell Biology</i> , 2003, 163, 813-824.	5.2	182
10	Large-scale analysis of the human ubiquitin-related proteome. <i>Proteomics</i> , 2005, 5, 4145-4151.	2.2	167
11	Evaluation of Solute Hydrophobicity by Microemulsion Electrokinetic Chromatography. <i>Analytical Chemistry</i> , 1995, 67, 1588-1595.	6.5	156
12	Simultaneous Quantitative Determination Method for Sphingolipid Metabolites by Liquid Chromatography/Ionspray Ionization Tandem Mass Spectrometry. <i>Analytical Biochemistry</i> , 1997, 244, 291-300.	2.4	152
13	Truncation and Activation of Calcineurin A by Calpain I in Alzheimer Disease Brain. <i>Journal of Biological Chemistry</i> , 2005, 280, 37755-37762.	3.4	150
14	Identification of a new plasma biomarker of Alzheimer's disease using metabolomics technology. <i>Journal of Lipid Research</i> , 2012, 53, 567-576.	4.2	137
15	Microscale Determination of Dissociation Constants of Multivalent Pharmaceuticals by Capillary Electrophoresis. <i>Journal of Pharmaceutical Sciences</i> , 1994, 83, 1500-1507.	3.3	124
16	Synaptic activity prompts $\hat{I}^3$ -secretase-mediated cleavage of EphA4 and dendritic spine formation. <i>Journal of Cell Biology</i> , 2009, 185, 551-564.	5.2	106
17	Quantitative proteomics using mass spectrometry. <i>Current Opinion in Chemical Biology</i> , 2003, 7, 70-77.	6.1	104
18	Identification of activity-regulated proteins in the postsynaptic density fraction. <i>Genes To Cells</i> , 2002, 7, 187-197.	1.2	84

#	ARTICLE	IF	CITATIONS
19	A Hydrophobicity Scale Based on the Migration Index from Microemulsion Electrokinetic Chromatography of Anionic Solutes. <i>Analytical Chemistry</i> , 1996, 68, 1028-1032.	6.5	81
20	Quantitative and Wide-Ranging Profiling of Phospholipids in Human Plasma by Two-dimensional Liquid Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 9858-9864.	6.5	77
21	Hydrophobicity of Cationic Solutes Measured by Electrokinetic Chromatography with Cationic Microemulsions. <i>Analytical Chemistry</i> , 1996, 68, 4281-4284.	6.5	75
22	Quantitative Profiling of Polar Cationic Metabolites in Human Cerebrospinal Fluid by Reversed-Phase Nanoliquid Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 1121-1129.	6.5	71
23	Enhancement of the Efficiency of Phosphoproteomic Identification by Removing Phosphates after Phosphopeptide Enrichment. <i>Journal of Proteome Research</i> , 2007, 6, 1139-1144.	3.7	70
24	Polar Anionic Metabolome Analysis by Nano-LC/MS with a Metal Chelating Agent. <i>Analytical Chemistry</i> , 2009, 81, 7766-7772.	6.5	64
25	On-line determination and resolution of verapamil enantiomers by high-performance liquid chromatography with column switching. <i>Journal of Chromatography A</i> , 1991, 541, 411-418.	3.7	60
26	Efficient in-gel digestion procedure using 5-cyclohexyl-1-pentyl- $\beta$ -D-maltoside as an additive for gel-based membrane proteomics. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2388-2394.	1.5	60
27	Optical resolution by electrokinetic chromatography using ovomucoid as a pseudo-stationary phase. <i>Journal of Chromatography A</i> , 1994, 666, 193-201.	3.7	59
28	Evaluation of Comprehensive Multidimensional Separations Using Reversed-Phase, Reversed-Phase Liquid Chromatography/Mass Spectrometry for Shotgun Proteomics. <i>Journal of Proteome Research</i> , 2008, 7, 1007-1011.	3.7	55
29	Avidin protein-conjugated column for direct injection analysis of drug enantiomers in plasma by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1991, 572, 133-141.	1.7	51
30	Correlation of Octanol-Water Partition Coefficients with Capacity Factors Measured by Micellar Electrokinetic Chromatography. <i>Chemical and Pharmaceutical Bulletin</i> , 1994, 42, 1525-1527.	1.3	51
31	Simultaneous determination of donepezil (aricept®) enantiomers in human plasma by liquid chromatography-electrospray tandem mass spectrometry. <i>Biomedical Applications</i> , 1999, 729, 147-155.	1.7	50
32	Mass++: A Visualization and Analysis Tool for Mass Spectrometry. <i>Journal of Proteome Research</i> , 2014, 13, 3846-3853.	3.7	45
33	Pseudo Internal Standard Approach for Label-Free Quantitative Proteomics. <i>Analytical Chemistry</i> , 2007, 79, 8440-8445.	6.5	44
34	Phosphorylation of Lysophosphatidylcholine Acyltransferase 2 at Ser34 Enhances Platelet-activating Factor Production in Endotoxin-stimulated Macrophages. <i>Journal of Biological Chemistry</i> , 2010, 285, 29857-29862.	3.4	42
35	Development of a flavoprotein column for chiral separation by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1992, 623, 221-228.	3.7	40
36	Direct determination of E2020 enantiomers in plasma by liquid chromatography-mass spectrometry and column-switching techniques. <i>Journal of Chromatography A</i> , 1995, 694, 209-218.	3.7	40

#	ARTICLE	IF	CITATIONS
37	Chemical proteomics for drug discovery based on compound-immobilized affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 855, 21-27.	2.3	38
38	Studies of ovomucoid-, avidin-, conalbumin- and flavoprotein-conjugated chiral stationary phases for separation of enantiomers by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1994, 687, 223-232.	3.7	34
39	Highly robust stainless steel tips as microelectrospray emitters. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 913-918.	1.5	34
40	Inter-Laboratory Comparison of Metabolite Measurements for Metabolomics Data Integration. <i>Metabolites</i> , 2019, 9, 257.	2.9	34
41	Quantitative Phosphorus Metabolomics Using Nanoflow Liquid Chromatography-Tandem Mass Spectrometry and Culture-Derived Comprehensive Global Internal Standards. <i>Analytical Chemistry</i> , 2009, 81, 3836-3842.	6.5	33
42	Conalbumin-conjugated silica gel, a new chiral stationary phase for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1992, 603, 105-109.	3.7	31
43	Plasma Direct Injection High-Performance Liquid Chromatographic Method for Simultaneously Determining E3810 Enantiomers and Their Metabolites by Using Flavoprotein-Conjugated Column. <i>Journal of Pharmaceutical Sciences</i> , 1996, 85, 903-907.	3.3	29
44	Major Cdk5-dependent phosphorylation sites of amphiphysin 1 are implicated in the regulation of the membrane binding and endocytosis. <i>Journal of Neurochemistry</i> , 2007, 102, 1466-1476.	3.9	26
45	Column-switching high-performance liquid chromatography for on-line simultaneous determination and resolution of enantiomers of verapamil and its metabolites. <i>Pharmaceutical Research</i> , 1991, 08, 997-1001.	3.5	25
46	Truncations of amphiphysin I by calpain inhibit vesicle endocytosis during neural hyperexcitation. <i>EMBO Journal</i> , 2007, 26, 2981-2990.	7.8	25
47	Mass spectrometry-based quantitative proteomics. <i>Biotechnology and Genetic Engineering Reviews</i> , 2007, 24, 147-164.	6.2	24
48	Practical metabolomics in drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2010, 5, 249-263.	5.0	24
49	On-line determination and resolution of the enantiomers of ketoprofen in plasma using coupled achiral and chiral high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1992, 10, 81-87.	2.8	21
50	Optimization of in-gel protein digestion system in combination with thin-layer separation and negative staining in 96-well plate format. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1071-1078.	1.5	21
51	Prediction of relaxin-3-induced downstream pathway resulting in anxiolytic-like behaviors in rats based on a microarray and peptidome analysis. <i>Journal of Receptor and Signal Transduction Research</i> , 2013, 33, 224-233.	2.5	21
52	Isobaric mass tagging and triple quadrupole mass spectrometry to determine lipid biomarker candidates for Alzheimer's disease. <i>PLoS ONE</i> , 2019, 14, e0226073.	2.5	21
53	Resolution of 1-Benzyl-4-[(5, 6-dimethoxy-1-indanon)-2-yl] Methylpiperidine Hydrochloride Enantiomers in Plasma by High-Performance Liquid Chromatography with Direct Injection Into Avidin-Conjugated Column. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1992, 15, 2997-3012.	1.0	19
54	Ethylenediaminetetraacetic Acid Increases Identification Rate of Phosphoproteomics in Real Biological Samples. <i>Journal of Proteome Research</i> , 2010, 9, 1385-1391.	3.7	19

#	ARTICLE	IF	CITATIONS
55	Simultaneous determination of thromboxane B2, prostaglandin E2 and leukotriene B4 in whole blood by liquid chromatography/mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1671-1678.	1.6	18
56	Comparative lipidomics of mouse brain exposed to enriched environment. <i>Journal of Lipid Research</i> , 2013, 54, 2687-2696.	4.2	17
57	Resolution of 4-(4-chlorobenzyl)-2-(hexahydro-1-methyl-1H-azepin-4yl)-1(2H)-phthalazinone enantiomers in plasma with frit-FAB LC-MS using a conalbumin column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1994, 12, 557-567.	2.8	15
58	GlycanAnalysis Plug-in: a database search tool for N-glycan structures using mass spectrometry. <i>Bioinformatics</i> , 2015, 31, 2217-2219.	4.1	15
59	A simple peak detection and label-free quantitation algorithm for chromatography-mass spectrometry. <i>BMC Bioinformatics</i> , 2014, 15, 376.	2.6	11
60	Cyanocysteine-Mediated Molecular Dissection of Dihydrofolate Reductase: Occurrence of Intra- and Inter-Molecular Reactions Forming a Peptide Bond. <i>Journal of Biochemistry</i> , 1998, 123, 1137-1144.	1.7	10
61	Electrophoretic mobility-assisted identification of proteins by nanoelectrospray capillary electrophoresis/mass spectrometry under methanolic conditions. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1167-1178.	1.5	10
62	Quantitative Proteomics of Mouse Brain and Specific Protein-Interaction Studies Using Stable Isotope Labeling. <i>Methods in Molecular Biology</i> , 2007, 359, 53-70.	0.9	9
63	Direct-Injection High-Performance Liquid Chromatographic Analysis of Drug Enantiomers in Plasma with an Avidin Column Coupled On-Line to an Ovomuroid Column. <i>Journal of Pharmaceutical Sciences</i> , 1992, 81, 1227-1228.	3.3	8
64	Reduced plasma desmosterol/cholesterol ratio and longitudinal cognitive decline in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 67-74.	2.4	8
65	Simple and sensitive quantitation method for mevalonic acid in plasma using gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 377-380.	1.5	7
66	A novel method for peptide block synthesis using unprotected peptides. <i>Tetrahedron Letters</i> , 1999, 40, 3415-3418.	1.4	7
67	Limitations of deuterium-labeled internal standards for quantitative electrospray ionization mass spectrometry analysis of fatty acid metabolites. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8814.	1.5	7
68	Relationship between the Association Constant and Enantioselectivity on the Flavoprotein-Conjugated Chiral Stationary Phase for High-Performance Liquid Chromatography.. <i>Analytical Sciences</i> , 1995, 11, 983-987.	1.6	6
69	Seizure-mediated accumulation of the $\hat{\iota}^2$ subunit of Ca <sup>2+</sup> /calmodulin-dependent protein kinase II in nuclei of mouse brain cells. <i>Neuroscience Letters</i> , 2002, 322, 149-152.	2.1	5
70	TRACES: A Lightweight Browser for Liquid Chromatography-Multiple Reaction Monitoring-Mass Spectrometry Chromatograms. <i>Metabolites</i> , 2022, 12, 354.	2.9	4
71	Development of Tandem Mass Tag Labeling Method for Lipid Molecules Containing Carboxy and Phosphate Groups, and Their Stability in Human Serum. <i>Metabolites</i> , 2021, 11, 19.	2.9	3
72	Peptide Peak Detection for Low Resolution MALDI-TOF Mass Spectrometry. <i>Mass Spectrometry</i> , 2014, 3, A0030-A0030.	0.6	2

#	ARTICLE	IF	CITATIONS
73	Comparative Evaluation of Plasma Metabolomic Data from Multiple Laboratories. <i>Metabolites</i> , 2022, 12, 135.	2.9	1
74	Multi-Omics Analysis to Generate Hypotheses for Mild Health Problems in Monkeys. <i>Metabolites</i> , 2021, 11, 701.	2.9	0
75	PROTEIN-BONDED CHIRAL PACKINGS AND THEIR APPLICATION. <i>Methods in Chromatography</i> , 1996, , 255-288.	0.0	0
76	Lipid Profiles of Human Serum Fractions Enhanced with CD9 Antibody-Immobilized Magnetic Beads. <i>Metabolites</i> , 2022, 12, 230.	2.9	0