

# Megumi Kato

## List of Publications by Year in descending order

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papers

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Amino Acid Analysis by Hydrophilic Interaction Chromatography Coupled with Isotope Dilution Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2019, 2030, 111-118.	0.9	3
2	Enhancing the accuracy of measurement of small molecule organic biomarkers. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7341-7355.	3.7	8
3	Effects of the pH and Concentration on the Stability of Standard Solutions of Proteinogenic Amino Acid Mixtures. <i>Analytical Sciences</i> , 2017, 33, 1241-1245.	1.6	7
4	Development of High-purity Certified Reference Materials for 17 Proteinogenic Amino Acids by Traceable Titration Methods. <i>Analytical Sciences</i> , 2015, 31, 805-814.	1.6	12
5	Development of C-reactive protein certified reference material NMIJ CRM 6201-b: optimization of a hydrolysis process to improve the accuracy of amino acid analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3137-3146.	3.7	18
6	Comparison of three amino acid analysis methods and their application to the amino acid impurity analysis for the development of high-purity amino acid certified reference materials. <i>Accreditation and Quality Assurance</i> , 2013, 18, 481-489.	0.8	6
7	Amino Acid Analysis by Hydrophilic Interaction Chromatography Coupled with Isotope Dilution Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2012, 828, 55-62.	0.9	3
8	Development of SI-traceable C-peptide certified reference material NMIJ CRM 6901-a using isotope-dilution mass spectrometry-based amino acid analyses. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 13-21.	3.7	39
9	Application of amino acid analysis using hydrophilic interaction liquid chromatography coupled with isotope dilution mass spectrometry for peptide and protein quantification. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3059-3064.	2.3	68
10	Sequence Structure of Human Nucleosome DNA. <i>Journal of Biomolecular Structure and Dynamics</i> , 2006, 24, 43-48.	3.5	41
11	Vertebrate Arp6, a novel nuclear actin-related protein, interacts with heterochromatin protein 1. <i>European Journal of Cell Biology</i> , 2006, 85, 411-421.	3.6	32
12	Biochemical Screening of Stable Dinucleosomes Using DNA Fragments from a Dinucleosome DNA Library. <i>Journal of Molecular Biology</i> , 2005, 350, 215-227.	4.2	5
13	Preparation and Characterization of an Anti-DNA Monoclonal Antibody Showing Size Selectivity Toward DNA Fragments. <i>Hybridoma</i> , 2004, 23, 311-317.	0.4	3
14	A Conserved Regulatory Element in the Mammalian $\beta$ -Globin Promoters. <i>Blood</i> , 2004, 104, 1217-1217.	1.4	38
15	Evolutionary Conservation and Functional Synergism of Curved DNA at the Mouse $\beta$ - and Other Globin-Gene Promoters. <i>Journal of Molecular Evolution</i> , 2003, 56, 649-657.	1.8	9
16	Dinucleosome DNA of Human K562 Cells: Experimental and Computational Characterizations. <i>Journal of Molecular Biology</i> , 2003, 332, 111-125.	4.2	30
17	Novel actin-related proteins in vertebrates: similarities of structure and expression pattern to Arp6 localized on <i>Drosophila</i> heterochromatin. <i>Gene</i> , 2001, 268, 133-140.	2.2	36
18	Characterization and Value Assignment of a Monoclonal Antibody Reference Material, NMIJ RM 6208a, AIST-MAB. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	3.5	1