

# Megumi Kato

## List of Publications by Year in descending order

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18  
papers

359  
citations

1040056

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h-index

888059

17  
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18  
all docs

18  
docs citations

18  
times ranked

416  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | Sequence Structure of Human Nucleosome DNA. <i>Journal of Biomolecular Structure and Dynamics</i> , 2006, 24, 43-48.   | 3.5 | 41        |
| 3  | 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        |
| 4  | A Conserved Regulatory Element in the Mammalian $\hat{\Gamma}^2$ -Globin Promoters.. <i>Blood</i> , 2004, 104, 1217-1217.  | 1.4 | 38        |
| 5  | 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        |
| 6  | 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        |
| 7  | Dinucleosome DNA of Human K562 Cells: Experimental and Computational Characterizations. <i>Journal of Molecular Biology</i> , 2003, 332, 111-125.  | 4.2 | 30        |
| 8  | 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        |
| 9  | 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        |
| 10 | Evolutionary Conservation and Functional Synergism of Curved DNA at the Mouse $\gamma$ - and Other Globin-Gene Promoters. <i>Journal of Molecular Evolution</i> , 2003, 56, 649-657.   | 1.8 | 9         |
| 11 | Enhancing the accuracy of measurement of small molecule organic biomarkers. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7341-7355.  | 3.7 | 8         |
| 12 | 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         |
| 13 | 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         |
| 14 | 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         |
| 15 | 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         |
| 16 | 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         |
| 17 | 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         |
| 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         |