

# Ayari Takamura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/791702/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Soft and Robust Identification of Body Fluid Using Fourier Transform Infrared Spectroscopy and Chemometric Strategies for Forensic Analysis. <i>Scientific Reports</i> , 2018, 8, 8459.	1.6	63
2	Phenotype Profiling for Forensic Purposes: Determining Donor Sex Based on Fourier Transform Infrared Spectroscopy of Urine Traces. <i>Analytical Chemistry</i> , 2019, 91, 6288-6295.	3.2	28
3	Spectral Mining for Discriminating Blood Origins in the Presence of Substrate Interference via Attenuated Total Reflection Fourier Transform Infrared Spectroscopy: Postmortem or Antemortem Blood?. <i>Analytical Chemistry</i> , 2017, 89, 9797-9804.	3.2	21
4	Practical evaluation of an RNA-based saliva identification method. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 404-408.	1.3	21
5	Evaluation of a blood-specific DNA methylated region and trial for allele-specific blood identification from mixed body fluid DNA. <i>Legal Medicine</i> , 2016, 22, 49-53.	0.6	15
6	Evaluation of skin- or sweat-characteristic mRNAs for inferring the human origin of touched contact traces. <i>Legal Medicine</i> , 2018, 33, 36-41.	0.6	11
7	Recent advances of vibrational spectroscopy and chemometrics for forensic biological analysis. <i>Analyst, The</i> , 2021, 146, 7431-7449.	1.7	10
8	Development of a quantitative validation method for forensic investigation of human spermatozoa using a commercial fluorescence staining kit (SPERM HY-LITERâ„¢ Express). <i>International Journal of Legal Medicine</i> , 2016, 130, 1421-1429.	1.2	8
9	Comprehensive modeling of bloodstain aging by multivariate Raman spectral resolution with kinetics. <i>Communications Chemistry</i> , 2019, 2, .	2.0	8
10	Integrative measurement analysis via machine learning descriptor selection for investigating physical properties of biopolymers in hairs. <i>Scientific Reports</i> , 2021, 11, 24359.	1.6	4
11	The applicability of ELISA detection of gastric mucosa-expressing proteins for the identification of vomit. <i>International Journal of Legal Medicine</i> , 2017, 131, 359-364.	1.2	3
12	Advanced forensic validation for human spermatozoa identification using SPERM HY-LITERâ„¢ Express with quantitative image analysis. <i>International Journal of Legal Medicine</i> , 2017, 131, 933-939.	1.2	3
13	Simultaneous Time-Lamination Imaging of Protein Association Using a Split Fluorescent Timer Protein. <i>Analytical Chemistry</i> , 2015, 87, 3366-3372.	3.2	1