

# Shin-ichi Morita

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6147972/publications.pdf>

Version: 2024-02-01

12  
papers

140  
citations

1478505

6  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-Raman research using principal component analysis and non-negative matrix factorization on rice grains: detections of ordered and disordered states of starch in the cooking process. Japanese Journal of Applied Physics, 2021, 60, 060903.	1.5	1
2	Graphical interpretation of non-negative factorization expecting bio-Raman research. Applied Physics Express, 2021, 14, 086501.	2.4	3
3	Automatic Determination of the Sequential Order of Dynamic Data and Its Application to Vibrational Spectroscopy. Journal of Chemical Information and Modeling, 2020, 60, 5070-5079.	5.4	8
4	Automatic Background Removal and Correction of Systematic Error Caused by Noise Expecting Bio-Raman Big Data Analysis. Analytical Sciences, 2020, 36, 511-514.	1.6	5
5	Automatic removal of binary background components expecting Raman big data and its application to human hair imaging. Applied Physics Express, 2020, 13, 036501.	2.4	6
6	Practical Computation of FFT-based Generalized Two-dimensional Correlation Spectroscopy. Analytical Sciences, 2020, 36, 885-887.	1.6	4
7	Generalized Two-dimensional Correlation Analysis for Unimodal Waveforms Modeled by Quadratic Polynomials. Analytical Sciences, 2018, 34, 845-847.	1.6	6
8	A Proposal for Automated Background Removal of Bio-Raman Data. Analytical Sciences, 2017, 33, 1323-1325.	1.6	11
9	Raman Spectral Dynamics of Single Cells in the Early Stages of Growth Factor Stimulation. Biophysical Journal, 2015, 108, 2148-2157.	0.5	16
10	Raman and Autofluorescence Spectrum Dynamics along the HRG-Induced Differentiation Pathway of MCF-7 Cells. Biophysical Journal, 2014, 107, 2221-2229.	0.5	19
11	Mechanism of sequential order determination in bio-Raman correlation analysis. Proceedings of SPIE, 2013, , .	0.8	3
12	Global Phase Angle Description of Generalized Two-Dimensional Correlation Spectroscopy: 1. Theory and its Simulation for Practical Use. Applied Spectroscopy, 2001, 55, 1618-1621.	2.2	58