

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