

# Masahiro Watari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3403894/publications.pdf>

Version: 2024-02-01

10  
papers

107  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection of the NIR Region for a Regression Model of the Ethanol Concentration in Fermentation Process by an Online NIR and Mid-IR Dual-Region Spectrometer and 2D Heterospectral Correlation Spectroscopy. <i>Analytical Sciences</i> , 2012, 28, 1165-1170.	1.6	22
2	Applications of near-infrared spectroscopy to process analysis using fourier transform spectrometer. <i>Optical Review</i> , 2010, 17, 317-322.	2.0	20
3	Development of a Near-Infrared/Mid-Infrared Dual-Region Spectrometer for Online Process Analysis. <i>Applied Spectroscopy</i> , 2012, 66, 773-781.	2.2	17
4	A Review of Online Real-Time Process Analyses of Melt-State Polymer Using the Near-Infrared Spectroscopy and Chemometrics. <i>Applied Spectroscopy Reviews</i> , 2014, 49, 462-491.	6.7	17
5	Two-Dimensional Heterospectral Correlation Analysis of Water and Liquid Oleic Acid Using an Online Near-Infrared/Mid-Infrared Dual-Region Spectrometer. <i>Applied Spectroscopy</i> , 2013, 67, 724-730.	2.2	15
6	Moving-Window Two-Dimensional Heterospectral (MW2DHetero) Correlation Analysis and Its Application for the Process Monitoring of Alcoholic Fermentation. <i>Applied Spectroscopy</i> , 2015, 69, 665-670.	2.2	8
7	Simultaneous Prediction of Ethylene Content and Melt Temperature in Melt-state Polypropylene by Near-Infrared Spectroscopy and Chemometrics. <i>Analytical Sciences</i> , 2007, 23, 815-821.	1.6	4
8	Use of Near-Infrared-Mid-Infrared Dual-Wavelength Spectrometry to Obtain Two-Dimensional Difference Spectra of Sesame Oil as Inactive Drug Ingredient. <i>Applied Spectroscopy</i> , 2021, 75, 385-394.	2.2	2
9	Application of Near Infrared Spectroscopy and Chemometrics to On-Line Analysis for Polymer Process. <i>Bunseki Kagaku</i> , 2010, 59, 379-397.	0.2	1
10	Some Proposals for Less-Costly Calibration and Long-Term Calibration Stability in near Infrared Process Analysis: Case Studies on a Melt State Polymer Process. <i>NIR News</i> , 2014, 25, 6-8.	0.3	1