

# Lalit Mohan Kandpal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3054959/publications.pdf>

Version: 2024-02-01

12  
papers

393  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-infrared hyperspectral imaging system coupled with multivariate methods to predict viability and vigor in muskmelon seeds. <i>Sensors and Actuators B: Chemical</i> , 2016, 229, 534-544.	7.8	113
2	Hyperspectral Reflectance Imaging Technique for Visualization of Moisture Distribution in Cooked Chicken Breast. <i>Sensors</i> , 2013, 13, 13289-13300.	3.8	59
3	Nondestructive Estimation of Moisture Content, pH and Soluble Solid Contents in Intact Tomatoes Using Hyperspectral Imaging. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 109.	2.5	50
4	Rapid Measurement of Soybean Seed Viability Using Kernel-Based Multispectral Image Analysis. <i>Sensors</i> , 2019, 19, 271.	3.8	46
5	In-Process Control Assay of Pharmaceutical Microtablets Using Hyperspectral Imaging Coupled with Multivariate Analysis. <i>Analytical Chemistry</i> , 2016, 88, 11055-11061.	6.5	33
6	Calibration and testing of a Raman hyperspectral imaging system to reveal powdered food adulteration. <i>PLoS ONE</i> , 2018, 13, e0195253.	2.5	28
7	Quantitative analysis of Sudan dye adulteration in paprika powder using FTIR spectroscopy. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 1-9.	2.3	22
8	Improvement in Purity of Healthy Tomato Seeds Using an Image-Based One-Class Classification Method. <i>Sensors</i> , 2020, 20, 2690.	3.8	12
9	Spectra Fusion of Mid-Infrared (MIR) and X-ray Fluorescence (XRF) Spectroscopy for Estimation of Selected Soil Fertility Attributes. <i>Sensors</i> , 2022, 22, 3459.	3.8	11
10	Development of a Low-Cost Multi-Waveband LED Illumination Imaging Technique for Rapid Evaluation of Fresh Meat Quality. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 912.	2.5	10
11	Near-Infrared Transmittance Spectral Imaging for Nondestructive Measurement of Internal Disorder in Korean Ginseng. <i>Sensors</i> , 2020, 20, 273.	3.8	6
12	Hyperspectral imaging sensor for optimization of small molecule formulations. <i>Medical Devices &amp; Sensors</i> , 2018, 1, e10006.	2.7	3