Ning Liu

List of Publications by Year
in descending order

19	500	687363 13	794594 19
papers	citations	h-index	g-index

19	19	19	533
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A microfluidic biosensor for online and sensitive detection of Salmonella typhimurium using fluorescence labeling and smartphone video processing. Biosensors and Bioelectronics, 2019, 140, 111333.	10.1	133
2	Complete genome sequence of a novel avastrovirus in goose. Archives of Virology, 2017, 162, 2135-2139.	2.1	51
3	Detection of Canopy Chlorophyll Content of Corn Based on Continuous Wavelet Transform Analysis. Remote Sensing, 2020, 12, 2741.	4.0	32
4	A microfluidic immunosensor for visual detection of foodborne bacteria using immunomagnetic separation, enzymatic catalysis and distance indication. Mikrochimica Acta, 2019, 186, 757.	5.0	30
5	Combining impedance biosensor with immunomagnetic separation for rapid screening of Salmonella in poultry supply chains. Poultry Science, 2020, 99, 1606-1614.	3.4	30
6	Estimation of Chlorophyll Content in Potato Leaves Based on Spectral Red Edge Position. IFAC-PapersOnLine, 2018, 51, 602-606.	0.9	28
7	Detection of chlorophyll fluorescence parameters of potato leaves based on continuous wavelet transform and spectral analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 259, 119768.	3.9	28
8	Growth Stages Classification of Potato Crop Based on Analysis of Spectral Response and Variables Optimization. Sensors, 2020, 20, 3995.	3.8	27
9	Analysis of Chlorophyll Concentration in Potato Crop by Coupling Continuous Wavelet Transform and Spectral Variable Optimization. Remote Sensing, 2020, 12, 2826.	4.0	25
10	Establishment of a simultaneous detection method for ten duck viruses using MALDI-TOF mass spectrometry. Journal of Virological Methods, 2019, 273, 113723.	2.1	16
11	Detection of chlorophyll content in growth potato based on spectral variable analysis. Spectroscopy Letters, 2020, 53, 476-488.	1.0	15
12	Spectral Characteristics Analysis and Water Content Detection of Potato Plants Leaves. IFAC-PapersOnLine, 2018, 51, 541-546.	0.9	14
13	Water Content Detection of Potato Leaves Based on Hyperspectral Image. IFAC-PapersOnLine, 2018, 51, 443-448.	0.9	14
14	Coupling Square Wave Anodic Stripping Voltammetry with Support Vector Regression to Detect the Concentration of Lead in Soil under the Interference of Copper Accurately. Sensors, 2020, 20, 6792.	3.8	13
15	Improving the accuracy of stripping voltammetry detection of Cd2+ and Pb2+ in the presence of Cu2+ and Zn2+ by machine learning: Understanding and inhibiting the interactive interference among multiple heavy metals. Analytica Chimica Acta, 2022, 1213, 339956.	5.4	12
16	Accurate SWASV detection of Cd(II) under the interference of Pb(II) by coupling support vector regression and feature stripping currents. Journal of Electroanalytical Chemistry, 2021, 889, 115227.	3.8	11
17	Real-Time Detection on SPAD Value of Potato Plant Using an In-Field Spectral Imaging Sensor System. Sensors, 2020, 20, 3430.	3.8	10
18	Sensitive Stripping Voltammetric Determination of Pb (II) in Soil Using a Bi/single-walled Carbon Nanotubes-Nafion/ionic Liquid Nanocomposite Modified Screen-Printed Electrode. International Journal of Electrochemical Science, 2020, , 7868-7882.	1.3	7

#	Article	IF	Citations
19	VUV-H2O2 photolysis as a pretreatment method for improving the SWASV detection accuracies of Cd2+ and Pb2+ in soil extracts. Journal of Environmental Chemical Engineering, 2022, 10, 107813.	6.7	4