

Tao Dong

List of Publications by Year in descending order

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19
papers

422
citations

686830

13
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794141

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times ranked

490
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Study of 2,4-D Spectral Characteristics and Its Detection in <i>Zizania Latifolia</i> Using Terahertz Time-Domain Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2248. | 1.3 | 9 |
| 2 | Gold Nanoparticles with Different Particle Sizes for the Quantitative Determination of Chlorpyrifos Residues in Soil by SERS. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2817. | 1.8 | 26 |
| 3 | Rapid-Detection Sensor for Rice Grain Moisture Based on NIR Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1654. | 1.3 | 40 |
| 4 | Gold Nanoparticles for Qualitative Detection of Deltamethrin and Carbofuran Residues in Soil by Surface Enhanced Raman Scattering (SERS). <i>International Journal of Molecular Sciences</i> , 2019, 20, 1731. | 1.8 | 12 |
| 5 | Spectral Characterization and Molecular Dynamics Simulation of Pesticides Based on Terahertz Time-Domain Spectra Analyses and Density Functional Theory (DFT) Calculations. <i>Molecules</i> , 2018, 23, 1607. | 1.7 | 30 |
| 6 | Quantitative Determination of Thiabendazole in Soil Extracts by Surface-Enhanced Raman Spectroscopy. <i>Molecules</i> , 2018, 23, 1949. | 1.7 | 21 |
| 7 | Experimental and Theoretical Study on Terahertz Absorption Characteristics and Spectral De-noising of Three Plant Growth Regulators. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2018, 39, 1015-1027. | 1.2 | 12 |
| 8 | Predicting pork freshness using multi-index statistical information fusion method based on near infrared spectroscopy. <i>Meat Science</i> , 2018, 146, 59-67. | 2.7 | 27 |
| 9 | The Effects of Drying Temperature on Nitrogen Concentration Detection in Calcium Soil Studied by NIR Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 269. | 1.3 | 7 |
| 10 | Molecular Characterization and Theoretical Calculation of Plant Growth Regulators Based on Terahertz Time-Domain Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 420. | 1.3 | 14 |
| 11 | Rapid and Quantitative Determination of Soil Water-Soluble Nitrogen Based on Surface-Enhanced Raman Spectroscopy Analysis. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 701. | 1.3 | 2 |
| 12 | Terahertz Multivariate Spectral Analysis and Molecular Dynamics Simulations of Three Pyrethroid Pesticides. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2018, 39, 1148-1161. | 1.2 | 14 |
| 13 | Density Functional Theory Analysis of Deltamethrin and Its Determination in Strawberry by Surface Enhanced Raman Spectroscopy. <i>Molecules</i> , 2018, 23, 1458. | 1.7 | 26 |
| 14 | Research on the Effects of Drying Temperature on Nitrogen Detection of Different Soil Types by Near Infrared Sensors. <i>Sensors</i> , 2018, 18, 391. | 2.1 | 14 |
| 15 | Spectral Analysis and Sensitive Waveband Determination Based on Nitrogen Detection of Different Soil Types Using Near Infrared Sensors. <i>Sensors</i> , 2018, 18, 523. | 2.1 | 24 |
| 16 | Rapid Determination of Thiabendazole Pesticides in Rape by Surface Enhanced Raman Spectroscopy. <i>Sensors</i> , 2018, 18, 1082. | 2.1 | 37 |
| 17 | Detection of Soil Nitrogen Using Near Infrared Sensors Based on Soil Pretreatment and Algorithms. <i>Sensors</i> , 2017, 17, 1102. | 2.1 | 43 |
| 18 | Research on the Optimum Water Content of Detecting Soil Nitrogen Using Near Infrared Sensor. <i>Sensors</i> , 2017, 17, 2045. | 2.1 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Detection of Water Content in Rapeseed Leaves Using Terahertz Spectroscopy. Sensors, 2017, 17, 2830. | 2.1 | 42 |