

Tianyao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

73
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1684188

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67
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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Crystal Structure-Free Method for Dielectric and Polarizability Characterization of Crystalline Materials at Terahertz Frequencies. <i>Applied Spectroscopy</i> , 2021, 75, 647-653. | 2.2 | 8 |
| 2 | The influence of sample porosity on refractive index in THz non-destructive testing. , 2021, , . | | 0 |
| 3 | Determination of Intrinsic Dielectric Constants at Terahertz Frequencies for Crystalline Materials Diluted in Polymer Matrix. , 2021, , . | | 0 |
| 4 | Effects of surface roughness on terahertz transmission spectra. <i>Optical and Quantum Electronics</i> , 2020, 52, 1. | 3.3 | 6 |
| 5 | Terahertz spectroscopy and machine learning algorithm for non-destructive evaluation of protein conformation. <i>Optical and Quantum Electronics</i> , 2020, 52, 1. | 3.3 | 23 |
| 6 | Molecular polarizability investigation of polar solvents: water, ethanol, and acetone at terahertz frequencies using terahertz time-domain spectroscopy. <i>Applied Optics</i> , 2020, 59, 4775. | 1.8 | 11 |
| 7 | Polarizability of Aspirin at Terahertz Frequencies Using Terahertz Time Domain Spectroscopy (THz-TDS). <i>Applied Spectroscopy</i> , 2019, 73, 253-260. | 2.2 | 19 |
| 8 | Stability of Polytetrafluoroethylene, Polyethylene, and Polystyrene Pellets as a Matrix for Analytical Terahertz Spectroscopy. <i>International Journal of Experimental Spectroscopic Techniques</i> , 2018, 3, 1-11. | 0.3 | 2 |
| 9 | Characterization of cocrystals formed by grinding amino acids through terahertz time-domain spectroscopy. <i>Science Bulletin</i> , 2014, 59, 2987-2993. | 1.7 | 4 |