

# Tianyao Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4810031/publications.pdf>

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9  
papers

73  
citations

1684188

5  
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1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

67  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Polarizability of Aspirin at Terahertz Frequencies Using Terahertz Time Domain Spectroscopy (THz-TDS). <i>Applied Spectroscopy</i> , 2019, 73, 253-260.	2.2	19
3	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
4	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
5	Effects of surface roughness on terahertz transmission spectra. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	3.3	6
6	Characterization of cocrystals formed by grinding amino acids through terahertz time-domain spectroscopy. <i>Science Bulletin</i> , 2014, 59, 2987-2993.	1.7	4
7	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
8	The influence of sample porosity on refractive index in THz non-destructive testing. , 2021, , .		0
9	Determination of Intrinsic Dielectric Constants at Terahertz Frequencies for Crystalline Materials Diluted in Polymer Matrix. , 2021, , .		0