

Zhi Li

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

253
citations

1040056

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Dynamically tunable terahertz metamaterial sensor based on metal-graphene hybrid structural unit. <i>AIP Advances</i> , 2022, 12, .	1.3	8
2	Quantitative Determination of Sucrose Adulterated in Red Ginseng by Terahertz Time-Domain Spectroscopy (THz-TDS) with Monte Carlo Uninformative Variable Elimination (MCUVE) and Support Vector Regression (SVR). <i>Journal of Spectroscopy</i> , 2022, 2022, 1-10.	1.3	2
3	Chemical bonds and weak interactions of methoxysalicylic acid isomers investigated by terahertz spectroscopy and density functional theory. <i>AIP Advances</i> , 2022, 12, .	1.3	2
4	Fused Group Lasso: A New EEG Classification Model With Spatial Smooth Constraint for Motor Imagery-Based Brain-Computer Interface. <i>IEEE Sensors Journal</i> , 2021, 21, 1764-1778.	4.7	9
5	An Unsupervised Learning Method for the Detection of Genetically Modified Crops Based on Terahertz Spectral Data Analysis. <i>Security and Communication Networks</i> , 2021, 2021, 1-7.	1.5	4
6	Political optimizer with interpolation strategy for global optimization. <i>PLoS ONE</i> , 2021, 16, e0251204.	2.5	8
7	Application of terahertz spectroscopy combined with density functional theory to analysis of intermolecular weak interactions for coumarin and 6-methylcoumarin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 263, 120159.	3.9	6
8	The CSP-Based New Features Plus Non-Convex Log Sparse Feature Selection for Motor Imagery EEG Classification. <i>Sensors</i> , 2020, 20, 4749.	3.8	12
9	External Disturbances Rejection for Vector Field Sensors in Attitude and Heading Reference Systems. <i>Micromachines</i> , 2020, 11, 803.	2.9	10
10	Sensitive distinction between herbs by terahertz spectroscopy and a metamaterial resonator. <i>Spectroscopy Letters</i> , 2018, 51, 174-178.	1.0	13
11	Intermolecular vibrational modes and H-bond interactions in crystalline urea investigated by terahertz spectroscopy and theoretical calculation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 528-534.	3.9	25
12	Application of terahertz spectroscopy and theoretical calculation in dimethylurea isomers investigation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 192, 336-342.	3.9	8
13	Experimental and theoretical investigations of tartaric acid isomers by terahertz spectroscopy and density functional theory. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 312-319.	3.9	21
14	Calibration and Alignment of Tri-Axial Magnetometers for Attitude Determination. <i>IEEE Sensors Journal</i> , 2018, 18, 7399-7406.	4.7	21
15	Quantitative determination of Auramine O by terahertz spectroscopy with 2DCOS-PLSR model. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 184, 335-341.	3.9	28
16	Feasibility of Terahertz Time-Domain Spectroscopy to Detect Carbendazim Mixtures Wrapped in Paper. <i>Journal of Spectroscopy</i> , 2017, 2017, 1-8.	1.3	7
17	Discrimination of genetically modified sugar beets based on terahertz spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 586-590.	3.9	35
18	Classification and recognition of genetically modified organisms by chemometrics methods using terahertz spectroscopy. <i>International Journal of Food Science and Technology</i> , 2015, 50, 2682-2687.	2.7	5

#	ARTICLE	IF	CITATIONS
19	Generalized complementary filter for attitude estimation based on vector observations and cross products. , 2015, , .		4
20	Vector-Aided In-Field Calibration Method for Low-End MEMS Gyros in Attitude and Heading Reference Systems. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2675-2681.	4.7	25