Zhi Li

List of Publications by Year
in descending order

20 papers	253 citations	1040056 9 h-index	996975 15 g-index
21 all docs	21 docs citations	21 times ranked	247 citing authors

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

#	Article	IF	Citations
19	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). Journal of Spectroscopy, 2022, 2022, 1-10.	1.3	2
20	Chemical bonds and weak interactions of methoxysalicylic acid isomers investigated by terahertz spectroscopy and density functional theory. AIP Advances, 2022, 12, .	1.3	2