

Junliang Dong

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

670
citations

687363

13
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888059

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28
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28
docs citations

28
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	Nondestructive evaluation of forced delamination in glass fiber-reinforced composites by terahertz and ultrasonic waves. <i>Composites Part B: Engineering</i> , 2015, 79, 667-675.	12.0	129
2	Terahertz Superresolution Stratigraphic Characterization of Multilayered Structures Using Sparse Deconvolution. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2017, 7, 260-267.	3.1	67
3	Terahertz frequency-wavelet domain deconvolution for stratigraphic and subsurface investigation of art painting. <i>Optics Express</i> , 2016, 24, 26972.	3.4	62
4	Polarization-resolved terahertz imaging of intra- and inter-laminar damages in hybrid fiber-reinforced composite laminate subject to low-velocity impact. <i>Composites Part B: Engineering</i> , 2016, 92, 167-174.	12.0	53
5	Global mapping of stratigraphy of an old-master painting using sparsity-based terahertz reflectometry. <i>Scientific Reports</i> , 2017, 7, 15098.	3.3	51
6	Enhanced Terahertz Imaging of Small Forced Delamination in Woven Glass Fibre-reinforced Composites with Wavelet De-noising. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016, 37, 289-301.	2.2	50
7	Terahertz Quantitative Nondestructive Evaluation of Failure Modes in Polymer-Coated Steel. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017, 23, 1-7.	2.9	37
8	Visualization of subsurface damage in woven carbon fiber-reinforced composites using polarization-sensitive terahertz imaging. <i>NDT and E International</i> , 2018, 99, 72-79.	3.7	37
9	Depth resolution enhancement of terahertz deconvolution by autoregressive spectral extrapolation. <i>Optics Letters</i> , 2017, 42, 1828.	3.3	33
10	Quantifying the photothermal conversion efficiency of plasmonic nanoparticles by means of terahertz radiation. <i>APL Photonics</i> , 2019, 4, .	5.7	32
11	Time-domain terahertz compressive imaging. <i>Optics Express</i> , 2020, 28, 3795.	3.4	31
12	Versatile metal-wire waveguides for broadband terahertz signal processing and multiplexing. <i>Nature Communications</i> , 2022, 13, 741.	12.8	29
13	Time-Domain Integration of Broadband Terahertz Pulses in a Tapered Two-Wire Waveguide. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100051.	8.7	16
14	Terahertz three-dimensional monitoring of nanoparticle-assisted laser tissue soldering. <i>Biomedical Optics Express</i> , 2020, 11, 2254.	2.9	14
15	Tunable X-Band Optoelectronic Oscillators Based on External-Cavity Semiconductor Lasers. <i>IEEE Journal of Quantum Electronics</i> , 2017, 53, 1-6.	1.9	13
16	Application of Ultrasonic Coda Wave Interferometry for Micro-cracks Monitoring in Woven Fabric Composites. <i>Journal of Nondestructive Evaluation</i> , 2019, 38, 1.	2.4	11
17	Revealing inscriptions obscured by time on an early-modern lead funerary cross using terahertz multispectral imaging. <i>Scientific Reports</i> , 2022, 12, 3429.	3.3	3
18	Investigation of Nanoparticle-Assisted Laser Tissue Soldering by Terahertz Radiation. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Terahertz pulsed imaging reveals the stratigraphy of a seventeenth-century oil painting. , 2018, , .		1
20	Impact damage characterization in hybrid fiber-reinforced composites using terahertz imaging in time and frequency domain. , 2015, , .		0
21	Terahertz reflective imaging of damage mechanisms in the coating on metal substrate. , 2016, , .		0
22	Comparative study of mid-20 th C. Art using THz and X-ray imaging. , 2016, , .		0
23	Stratigraphic details of a 17th century oil painting on canvas revealed by terahertz imaging. , 2017, , .		0
24	Terahertz deconvolution based on autoregressive spectral extrapolation. , 2017, , .		0
25	Viscosity Measurement of Newtonian Liquid Based on Ultrasonic Shear Wave Using Mode Conversion. Sensor Letters, 2011, 9, 1490-1495.	0.4	0
26	Polarization-resolved terahertz imaging of hybrid fiber-reinforced composite laminate subject to low-velocity impact. , 2016, , .		0
27	Terahertz imaging for subsurface investigation of art paintings. , 2017, , .		0
28	Terahertz multi-dimensional imaging for nanoparticle-assisted therapeutics. , 2022, , .		0