Junliang Dong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8669467/publications.pdf

Version: 2024-02-01

28	670	687363 13	888059 17
papers	citations	h-index	g-index

28	28	28	601
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Versatile metal-wire waveguides for broadband terahertz signal processing and multiplexing. Nature Communications, 2022, 13, 741.	12.8	29
2	Terahertz multi-dimensional imaging for nanoparticle-assisted therapeutics. , 2022, , .		0
3	Revealing inscriptions obscured by time on an early-modern lead funerary cross using terahertz multispectral imaging. Scientific Reports, 2022, 12, 3429.	3.3	3
4	TimeâEDomain Integration of Broadband Terahertz Pulses in a Tapered TwoâEWire Waveguide. Laser and Photonics Reviews, 2021, 15, 2100051.	8.7	16
5	Terahertz three-dimensional monitoring of nanoparticle-assisted laser tissue soldering. Biomedical Optics Express, 2020, 11, 2254.	2.9	14
6	Time-domain terahertz compressive imaging. Optics Express, 2020, 28, 3795.	3.4	31
7	Application of Ultrasonic Coda Wave Interferometry for Micro-cracks Monitoring in Woven Fabric Composites. Journal of Nondestructive Evaluation, 2019, 38, 1.	2.4	11
8	Quantifying the photothermal conversion efficiency of plasmonic nanoparticles by means of terahertz radiation. APL Photonics, 2019, 4, .	5.7	32
9	Investigation of Nanoparticle-Assisted Laser Tissue Soldering by Terahertz Radiation. , 2019, , .		1
10	Visualization of subsurface damage in woven carbon fiber-reinforced composites using polarization-sensitive terahertz imaging. NDT and E International, 2018, 99, 72-79.	3.7	37
11	Terahertz pulsed imaging reveals the stratigraphy of a seventeenth-century oil painting. , 2018, , .		1
12	Terahertz Superresolution Stratigraphic Characterization of Multilayered Structures Using Sparse Deconvolution. IEEE Transactions on Terahertz Science and Technology, 2017, 7, 260-267.	3.1	67
13	Tunable X-Band Optoelectronic Oscillators Based on External-Cavity Semiconductor Lasers. IEEE Journal of Quantum Electronics, 2017, 53, 1-6.	1.9	13
14	Terahertz Quantitative Nondestructive Evaluation of Failure Modes in Polymer-Coated Steel. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-7.	2.9	37
15	Global mapping of stratigraphy of an old-master painting using sparsity-based terahertz reflectometry. Scientific Reports, 2017, 7, 15098.	3.3	51
16	Stratigraphie details of a 17th century oil painting on canvas revealed by terahertz imaging. , 2017, , .		0
17	Terahertz deconvolution based on autoregressive spectral extrapolation. , 2017, , .		0
18	Depth resolution enhancement of terahertz deconvolution by autoregressive spectral extrapolation. Optics Letters, 2017, 42, 1828.	3.3	33

#	Article	IF	Citations
19	Terahertz imaging for subsurface investigation of art paintings. , 2017, , .		0
20	Terahertz frequency-wavelet domain deconvolution for stratigraphic and subsurface investigation of art painting. Optics Express, 2016, 24, 26972.	3.4	62
21	Terahertz reflective imaging of damage mechanisms in the coating on metal substrate. , 2016, , .		0
22	Comparative study of mid-20thC. Art using THz and X-ray imaging. , 2016, , .		0
23	Polarization-resolved terahertz imaging of intra- and inter-laminar damages in hybrid fiber-reinforced composite laminate subject to low-velocity impact. Composites Part B: Engineering, 2016, 92, 167-174.	12.0	53
24	Enhanced Terahertz Imaging of Small Forced Delamination in Woven Glass Fibre-reinforced Composites with Wavelet De-noising. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 289-301.	2.2	50
25	Polarization-resolved terahertz imaging of hybrid fiber-reinforced composite laminate subject to low-velocity impact. , 2016, , .		0
26	Impact damage characterization in hybrid fiber-reinforced composites using terahertz imaging in time and frequency domain. , 2015, , .		0
27	Nondestructive evaluation of forced delamination in glass fiber-reinforced composites by terahertz and ultrasonic waves. Composites Part B: Engineering, 2015, 79, 667-675.	12.0	129
28	Viscosity Measurement of Newtonian Liquid Based on Ultrasonic Shear Wave Using Mode Conversion. Sensor Letters, 2011, 9, 1490-1495.	0.4	0