

Guangwu Duan

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

939
citations

567281

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794594

19
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25
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docs citations

25
times ranked

941
citing authors

#	ARTICLE	IF	CITATIONS
1	Metamaterial-enhanced near-field readout platform for passive microsensor tags. <i>Microsystems and Nanoengineering</i> , 2022, 8, 28.	7.0	3
2	Ultrathin Terahertz Triple-Band Metamaterial Absorbers: Consideration of Interlayer Coupling. <i>Physical Review Applied</i> , 2020, 14, .	3.8	15
3	Strong Metasurface Josephson Plasma Resonance Coupling in Superconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Advanced Optical Materials</i> , 2019, 7, 1900712.	7.3	9
4	Intelligent Metamaterials Based on Nonlinearity for Magnetic Resonance Imaging. <i>Advanced Materials</i> , 2019, 31, e1905461.	21.0	41
5	Integrating Microsystems with Metamaterials Towards Metadevices. , 2019, , .		0
6	Integrating Microsystems with Metamaterials Towards Metadevices. , 2019, , .		0
7	A High Sensitivity Microfluidic Channel Enabled Terahertz Metamaterial Absorber For Sensing And Detectio. , 2019, , .		0
8	Integrated Air Spaced Terahertz Metamaterial Absorber with High Quality Factor. , 2019, , .		1
9	Integrating microsystems with metamaterials towards metadevices. <i>Microsystems and Nanoengineering</i> , 2019, 5, 5.	7.0	65
10	Implementing infrared metamaterial perfect absorbers using dispersive dielectric spacers. <i>Optics Express</i> , 2019, 27, 1727.	3.4	17
11	Optically Modulated Ultra-Broadband All-Silicon Metamaterial Terahertz Absorbers. <i>ACS Photonics</i> , 2019, 6, 830-837.	6.6	161
12	Real-time tunable phase response and group delay in broadside coupled split-ring resonators. <i>Physical Review B</i> , 2019, 99, .	3.2	22
13	Boosting magnetic resonance imaging signal-to-noise ratio using magnetic metamaterials. <i>Communications Physics</i> , 2019, 2, .	5.3	65
14	A survey of theoretical models for terahertz electromagnetic metamaterial absorbers. <i>Sensors and Actuators A: Physical</i> , 2019, 287, 21-28.	4.1	52
15	Terahertz Dispersion Characteristics of Super-aligned Multi-walled Carbon Nanotubes and Enhanced Transmission through Subwavelength Apertures. <i>Scientific Reports</i> , 2018, 8, 2087.	3.3	18
16	A high-efficiency magnetically coupled charging and communication platform for microsensors. , 2018, , .		0
17	Electromechanically tunable metasurface transmission waveplate at terahertz frequencies. <i>Optica</i> , 2018, 5, 303.	9.3	134
18	Analysis of the thickness dependence of metamaterial absorbers at terahertz frequencies. <i>Optics Express</i> , 2018, 26, 2242.	3.4	48

#	ARTICLE	IF	CITATIONS
19	An air-spaced terahertz metamaterial perfect absorber. <i>Sensors and Actuators A: Physical</i> , 2018, 280, 303-308.	4.1	21
20	Terahertz metamaterial perfect absorber with continuously tunable air spacer layer. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	42
21	A three-dimensional all-metal terahertz metamaterial perfect absorber. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	75
22	A Magnetically Coupled Communication and Charging Platform for Microsensors. <i>Journal of Microelectromechanical Systems</i> , 2017, 26, 1099-1109.	2.5	4
23	Voltage-tunable dual-layer terahertz metamaterials. <i>Microsystems and Nanoengineering</i> , 2016, 2, 16025.	7.0	79
24	Nonlinear terahertz metamaterial perfect absorbers using GaAs [Invited]. <i>Photonics Research</i> , 2016, 4, A16.	7.0	67