Ning Yang

List of Publications by Year
in descending order

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26 papers	361 citations	1307594 7 h-index	940533 16 g-index
26 all docs	26 docs citations	26 times ranked	603 citing authors

#	Article	IF	Citations
1	Local large temperature difference and ultra-wideband photothermoelectric response of the silver nanostructure film/carbon nanotube film heterostructure. Nature Communications, 2022, 13, 1835.	12.8	27
2	Broadband and photovoltaic THz/IR response in the GaAs-based ratchet photodetector. Science Advances, 2022, 8, .	10.3	11
3	Stability diagrams of two optically mutual-injected quantum cascade lasers. AIP Advances, 2021, 11, 015320.	1.3	0
4	Self-Mixing Signal Characteristics of Complex-Coupled Distributed-Feedback Terahertz Quantum-Cascade Lasers. Frontiers in Physics, 2021, 9, .	2.1	0
5	Two beam self mixing interference in terahertz quantum cascade lasers. , 2021, , .		0
6	Optical pump assisted broadband terahertz frequency comb. AIP Advances, 2021, 11, 125101.	1.3	0
7	Ultra-broadband THz/IR upconversion and photovoltaic response in semiconductor ratchet-based upconverter. Applied Physics Letters, 2021, 119, .	3.3	6
8	Strongly enhanced local electromagnetic field in mid-infrared and terahertz photodetectors employing a hybrid antenna. AIP Advances, 2020, 10, 015048.	1.3	6
9	Multiple-Beam Terahertz Laser Self-Mixing Interference and Its Application in Film Thickness Measurements. , 2020, , .		0
10	Self-mixing velocity sensors based on terahertz quantum cascade lasers. , 2020, , .		0
11	Properties of self-mixing interference in terahertz distributed feedback quantum cascade lasers. Applied Physics Letters, 2019, 115, .	3.3	4
12	Dynamics of Optically Mutual-injected Terahertz Quantum Cascade Lasers. , 2019, , .		0
13	Basic phase-locking, noise, and modulation properties of optically mutual-injected terahertz quantum cascade lasers. Optics Express, 2019, 27, 3146.	3.4	9
14	Optically mutual-injected terahertz quantum cascade lasers for self-mixing velocity measurements. Optics Express, 2019, 27, 27076.	3.4	5
15	High-Performance, Ultra-Broadband, Ultraviolet to Terahertz Photodetectors Based on Suspended Carbon Nanotube Films. ACS Applied Materials & Interfaces, 2018, 10, 36304-36311.	8.0	64
16	Inversion asymmetry potential tuning of topological insulator dots with impurities. Journal of Applied Physics, 2018, 124, 164301.	2.5	4
17	Reply to â€œComment on â€˜Impurity spectra of graphene under electric and magnetic fields'â€‰â€• Physical Review B, 2018, 97, .	3.2	2
18	Coulomb impurities in two-dimensional topological insulators. Physical Review B, 2017, 95, .	3.2	2

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19	Magnetic quantum dot in two-dimensional topological insulators. Journal of Applied Physics, 2017, 121, .	2.5	4
20	A proposal for phase-locked arrays of terahertz quantum cascade lasers. , 2017, , .		0
21	High-power terahertz quantum cascade lasers with â¼0.23 W in continuous wave mode. AIP Advances, 2016, 6, .	1.3	56
22	Studies on far-field divergence of Tapered THz-QCLs. , 2014, , .		0
23	Coherent properties of single rare-earth spin qubits. Nature Communications, 2014, 5, 3895.	12.8	141
24	Coulomb potential effects on spectra of graphene magnetic quantum dots. Journal of Applied Physics, 2013, 113, .	2.5	7
25	Conditional photon-assisted transport in coupled quantum dot. Applied Physics Letters, 2012, 100, 153105.	3.3	0
26	Model of generating either odd or even optical harmonics by varying the coupling parameters between source quantum dots. Physical Review B, 2010, 82, .	3.2	13