

Ning Wang

List of Publications by Year in descending order

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31
papers

226
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31
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203
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical Analysis of a 750-nm Bandwidth Hollow-Core Ring Photonic Crystal Fiber With a Graded Structure for Transporting 38 Orbital Angular Momentum Modes. IEEE Access, 2018, 6, 20291-20297.	4.2	38
2	Three-Dimensional Hierarchical Nanostructured Cu/Ni-Co Coating Electrode for Hydrogen Evolution Reaction in Alkaline Media. Nano-Micro Letters, 2015, 7, 347-352.	27.0	21
3	A wide band millimeter-wave substrate integrated coaxial line (SICL) for high speed data transmission. , 2015, , .		17
4	Improvement of Thermal Environment by Thermoelectric Coolers and Numerical Optimization of Thermal Performance. IEEE Transactions on Electron Devices, 2015, 62, 2579-2586.	3.0	17
5	A Thermal Management System to Reuse Thermal Waste Released by High-Power Light-Emitting Diodes. IEEE Transactions on Electron Devices, 2019, 66, 4790-4797.	3.0	17
6	A Double-Voltage-Controlled Effective Thermal Conductivity Model of Graphene for Thermoelectric Cooling. IEEE Transactions on Electron Devices, 2018, 65, 1185-1191.	3.0	16
7	High Efficiency Thermoelectric Temperature Control System With Improved Proportional Integral Differential Algorithm Using Energy Feedback Technique. IEEE Transactions on Industrial Electronics, 2022, 69, 5225-5234.	7.9	16
8	An Enhanced Thermoelectric Collaborative Cooling System With Thermoelectric Generator Serving as a Supplementary Power Source. IEEE Transactions on Electron Devices, 2021, 68, 1847-1854.	3.0	14
9	Improvement of LED Performance With an Integrated Thermoelectric Cooling Package. IEEE Access, 2020, 8, 116535-116543.	4.2	10
10	Improving the Energy-Conversion Efficiency of a PV-TE System With an Intelligent Power-Track Switching Technique and Efficient Thermal-Management Scheme. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2021, 11, 963-973.	2.5	9
11	High-Speed Interconnect System Using QPSK Scheme Based on Substrate Integrated Waveguide. Journal of Circuits, Systems and Computers, 2018, 27, 1850014.	1.5	8
12	Thermoelectric Parameter Modeling of Single-Layer Graphene Considering Carrier Concentration and Mobility With Temperature and Gate Voltage. IEEE Access, 2019, 7, 139329-139336.	4.2	7
13	Theoretical and Experimental Investigation of HMSIW-Based High-Speed Data Transmission System Using QPSK Scheme. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 1938-1947.	2.5	5
14	High-speed data transmission system using half mode substrate integrated waveguide. , 2014, , .		4
15	High-speed data transmission system based on QPSK scheme in substrate integrated waveguide. , 2014, , .		3
16	Study of Voltage-Controlled Characteristics for Thermoelectric Coolers. Journal of Electronic Materials, 2017, 46, 3097-3102.	2.2	3
17	Research on the dispersion characteristics of silica-based ring-core photonic crystal fiber used to transmit orbital angular momentum modes. Optik, 2021, 241, 166935.	2.9	3
18	Color image segmentation by edge linking and region grouping. Journal of Shanghai Jiaotong University (Science), 2011, 16, 412-419.	0.9	2

#	ARTICLE	IF	CITATIONS
19	High-selectivity triband bandpass filter based on dual-plane microstrip/slotline structure. Microwave and Optical Technology Letters, 2015, 57, 2225-2228.	1.4	2
20	Power integrity co-analysis and design in a PCB with BGA package using transmission matrix method. , 2015, , .		2
21	Study of the electro-thermal collaborative cooling based on energy harvesting for thermoelectric coolers. , 2017, , .		2
22	A Photonic crystal fiber with large effective refractive index separation and low dispersion. PLoS ONE, 2020, 15, e0232982.	2.5	2
23	Characteristics of Dual-Gate Graphene Thermoelectric Devices Based on Voltage Regulation. Energy Technology, 2020, 8, 1901466.	3.8	2
24	Efficient Multi-Channel Thermal Monitoring and Temperature Prediction Based on Improved Linear Regression. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	2
25	Equivalent model optimization with cyclic correction approximation method considering parasitic effect for thermoelectric coolers. Scientific Reports, 2017, 7, 15917.	3.3	1
26	Folded Thermoelectric Cooling Structure with Bi ₂ Te ₃ -Based Thin-Film Superlattices. ECS Journal of Solid State Science and Technology, 2018, 7, Q136-Q141.	1.8	1
27	Study on the Heat Dissipation System Using Thermoelectric Cooling Based on Energy Harvesting for High-power LED. , 2019, , .		1
28	Electrothermal Collaborative Cooling With Delayed Power Rail Switching Auxiliary Charging by Considering Energy Harvesting Mechanism for High-Power LEDs. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 1507-1514.	2.5	1
29	A super wideband X-complementary split ring resonator structure for power distribution network. , 2014, , .		0
30	Study on the PhotoThermoelectric Characteristic of Graphene with Double-Gate. , 2019, , .		0
31	Proposal and simulation of a DC~110 GHz waveguide using metal shielding and three-dimensional extension structure. Japanese Journal of Applied Physics, 2019, 58, 012001.	1.5	0