

Yun Goo Lee

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

155
citations

1307594

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1199594

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14
docs citations

14
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Experimental Investigation of Thermoelectric Generators for Wearable Applications. <i>Advanced Materials Technologies</i> , 2017, 2, 1600292.	5.8	28
2	Enhanced electro-optic beam deflection of relaxor ferroelectric KTN crystals by electric-field-induced high permittivity. <i>Optics Letters</i> , 2019, 44, 5557.	3.3	28
3	Study of thermal and spatial dependent electric field-induced phase transition in relaxor ferroelectric crystals using Raman spectroscopy. <i>Journal of Alloys and Compounds</i> , 2019, 804, 35-41.	5.5	25
4	Harman Measurements for Thermoelectric Materials and Modules under Non-Adiabatic Conditions. <i>Scientific Reports</i> , 2016, 6, 39131.	3.3	19
5	Correction of the Electrical and Thermal Extrinsic Effects in Thermoelectric Measurements by the Harman Method. <i>Scientific Reports</i> , 2016, 6, 26507.	3.3	11
6	Nanostructure enabled lower on-state resistance and longer lock-on time GaAs photoconductive semiconductor switches. <i>Optics Letters</i> , 2021, 46, 825.	3.3	10
7	Photon excitation enabled large aperture space-charge-controlled potassium tantalate niobate (KTN) beam deflector. <i>Applied Physics Letters</i> , 2018, 112, 132901.	3.3	8
8	Anomalous bi-directional scanning electro-optic KTN devices with UV-assisted electron and hole injections. <i>Optics Letters</i> , 2020, 45, 5360.	3.3	8
9	Analysis on the electric field distribution in a relaxor ferroelectric KTN crystal near field-induced phase transition using optical deflection measurements. <i>Optics Express</i> , 2020, 28, 31034.	3.4	6
10	Giant electrostrictive coefficient in rapidly cooled nanodisordered $\text{KTa}_{1-x}\text{Nb}_x\text{O}_3$ lead-free single crystals. <i>AIP Advances</i> , 2021, 11, 035020.	1.3	4
11	Enhanced c-axis KTN beam deflector by compensating compositional gradient effect with a thermal gradient. <i>OSA Continuum</i> , 2021, 4, 665.	1.8	3
12	Enhanced electro-optic beam deflection of relaxor ferroelectric KTN crystals by electric-field-induced high permittivity: publisher's note. <i>Optics Letters</i> , 2019, 44, 5904.	3.3	2
13	Polarization-independent reflective-type KTN beam deflector with a single KTN crystal. , 2022, 1, 238.		2
14	Nanostructure-enabled longer lock-on time GaAs photoconductive semiconductor switches. , 2020, , .		1