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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Temperature and Gate-Length Dependence of Subthreshold RF Detection in GaN HEMTs. <i>Sensors</i> , 2022, 22, 1515.	2.1	5
2	Temperature Behavior of Gunn Oscillations in Planar InGaAs Diodes. <i>IEEE Electron Device Letters</i> , 2021, 42, 1136-1139.	2.2	2
3	Comprehensive characterization of Gunn oscillations in In _{0.53} Ga _{0.47} As planar diodes. <i>Semiconductor Science and Technology</i> , 2020, 35, 115009.	1.0	3
4	Broadband terahertz ZnO photonic crystals fabricated by 3D printing. <i>Ceramics International</i> , 2019, 45, 6223-6227.	2.3	12
5	Fabrication Process of Non-Linear Planar Diodes Based on GaN. , 2018, , .		0
6	Planar Asymmetric Semiconductor Nanodiodes for THz Detection. , 2018, , .		1
7	Voltage controlled sub-THz detection with gated planar asymmetric nanochannels. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	13
8	Intrinsic second harmonic generation from un-poled doped silica multilayered thin films. <i>Optical Materials Express</i> , 2018, 8, 1.	1.6	10
9	GaN nanodiode arrays with improved design for zero-bias sub-THz detection. <i>Semiconductor Science and Technology</i> , 2018, 33, 095016.	1.0	12
10	Nonlinear absorption in ionic liquids with transition metallic atoms in the anion. <i>Optical Materials</i> , 2016, 52, 144-149.	1.7	10
11	3D printing of Al ₂ O ₃ photonic crystals for terahertz frequencies. <i>RSC Advances</i> , 2016, 6, 2450-2454.	1.7	24
12	Time-domain terahertz spectrometer for angular reflection measurements. <i>Journal of Physics: Conference Series</i> , 2015, 605, 012026.	0.3	2
13	Modulational instability windows in the nonlinear Schrödinger equation involving higher-order Kerr responses. <i>Physical Review E</i> , 2015, 91, 012904.	0.8	2
14	Synthesis, molecular modelling and NLO properties of new ytterbium(iii) complexes with vildagliptin. <i>Optical Materials Express</i> , 2015, 5, 503.	1.6	3
15	Thermal refraction in ionic liquids induced by a train of femtosecond laser pulses. <i>Optics and Laser Technology</i> , 2014, 61, 1-7.	2.2	19
16	Characterization of the thermal refraction in ionic liquids induced by a train of femtosecond laser pulses. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
17	Z-scan measurement of the nonlinear response of new materials by using a high-repetition-rate femtosecond laser. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
18	Atomic transfer between two magneto-optical traps. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Nonlinear absorption in bis(1-butyl-3-methylimidazolium) tetrathiocyanatozincate [BMIM] ₂ [Zn(SCN) ₄] an ionic liquid with a transition metal in the anionic moiety. , 0, , .		1