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## List of Publications by Year in descending order

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19  
papers

120  
citations

1306789

7  
h-index

1281420

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

223  
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Fabrication Process of Non-Linear Planar Diodes Based on GaN. , 2018, , .		0