

# Edward Plinski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1422159/publications.pdf>

Version: 2024-02-01

27  
papers

148  
citations

1477746

6  
h-index

1281420

11  
g-index

27  
all docs

27  
docs citations

27  
times ranked

186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct electro-optical pumping for hybrid CdSe nanocrystal/III-nitride based nano-light-emitting diodes. Applied Physics Letters, 2016, 108, 061107.	1.5	38
2	Statistical classification of soft solder alloys by laser-induced breakdown spectroscopy: review of methods. Journal of the European Optical Society-Rapid Publications, 2016, 11, 16006i.	0.9	18
3	Terahertz photomixer. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2010, 58, .	0.8	14
4	Bayesian separation algorithm of THz spectral sources applied to D-glucose monohydrate dehydration kinetics. Chemical Physics Letters, 2016, 644, 45-50.	1.2	10
5	Well-ordered laser signature. Optics Communications, 2000, 176, 207-211.	1.0	8
6	Recognition of Pharmacological Bi-Heterocyclic Compounds by Using Terahertz Time Domain Spectroscopy and Chemometrics. Sensors, 2019, 19, 3349.	2.1	8
7	Diffractive scanning mechanism for laser marker. Optics and Laser Technology, 2000, 32, 33-37.	2.2	6
8	Algorithm of RF-excited slab-waveguide laser design. Journal Physics D: Applied Physics, 2000, 33, 1823-1826.	1.3	5
9	Dielectric properties of the FR-4 substrates in the THz frequency range. , 2012, , .		5
10	Sensing with Terahertz Radiation of Pharma-and Bio-materials. Procedia Engineering, 2012, 47, 929-932.	1.2	5
11	Spectral features of a pulsed CO2 laser. Journal of Applied Physics, 2002, 92, 4870-4873.	1.1	4
12	The laser pulse from a rf waveguide CO 2 laser. Applied Physics B: Lasers and Optics, 2003, 76, 375-382.	1.1	4
13	Limitations of the terahertz photomixer. Review of Scientific Instruments, 2011, 82, 123113.	0.6	4
14	Terahertz antenna electronic chopper. Review of Scientific Instruments, 2016, 87, 014702.	0.6	4
15	Terahertz and Raman spectra of non-centrosymmetrical organic molecular crystals. Optical Materials, 2014, 37, 28-35.	1.7	3
16	Rapid classification of bi-heterocyclic compounds by using THz-TDS with combined double-loop learning SVM and kNN. , 2019, , .		3
17	Frequency aspects of the THz photomixer. Optics Communications, 2012, 285, 1308-1313.	1.0	2
18	THE GYROTRON STARTUP SCENARIO IN THE SINGLE MODE TIME DEPENDENT APPROACH. Mathematical Modelling and Analysis, 2019, 24, 494-506.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Opto-voltaic representation of a gain profile in a cw CO <sub>2</sub> laser. Optics Communications, 1984, 50, 162-164.	1.0	1
20	Selected polymers on CW and pulsed THz investigations. Opto-electronics Review, 2012, 20, .	2.4	1
21	Thermodynamics of new piroxicam derivatives in terahertz light. , 2014, , .		1
22	Chemometrics of bi-heterocyclic kind of drug specimens in the THz domain. , 2016, , .		1
23	Machine learning applied to bi-heterocyclic drugs recognition. , 2017, , .		1
24	<title>Spectral aspects of a CO<math>_2</math> slab waveguide laser design</title>. , 2003, 5120, 202.		0
25	LO-TO splitting in terahertz measurements of NLO molecular crystals. , 2011, , .		0
26	Heating system of pellet samples integrated with terahertz spectrometer. Review of Scientific Instruments, 2016, 87, 013106.	0.6	0
27	APPLICATIONS OF THE TERAHERTZ ATR SPECTROSCOPY TO PHARMACOLOGY. Acta Poloniae Pharmaceutica, 2021, 78, 467-474.	0.3	0