

# Luciano Curcio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9369891/publications.pdf>

Version: 2024-02-01

19  
papers

261  
citations

1040056

9  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graded Carrier Concentration Absorber Profile for High Efficiency CIGS Solar Cells. International Journal of Photoenergy, 2015, 2015, 1-9.	2.5	43
2	Evidence of stochastic resonance in the mating behavior of Nezara viridula (L.). European Physical Journal B, 2008, 65, 453-458.	1.5	33
3	Silicon Photomultipliers Signal-to-Noise Ratio in the Continuous Wave Regime. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 284-290.	2.9	33
4	Continuous-wave backward frequency doubling in periodically poled lithium niobate. Applied Physics Letters, 2010, 96, .	3.3	26
5	Noise effects in two different biological systems. European Physical Journal B, 2009, 69, 133-146.	1.5	21
6	Thin Film CIGS Solar Cells, Photovoltaic Modules, and the Problems of Modeling. International Journal of Photoenergy, 2013, 2013, 1-11.	2.5	18
7	Indoor free space optics link under the weak turbulence regime: measurements and model validation. IET Communications, 2015, 9, 62-70.	2.2	13
8	Noise Induced Phenomena in the Dynamics of Two Competing Species. Mathematical Modelling of Natural Phenomena, 2016, 11, 158-174.	2.4	11
9	Design and Implementation of a Portable fNIRS Embedded System. Lecture Notes in Electrical Engineering, 2016, , 43-50.	0.4	10
10	Integrated frequency shifter in periodically poled lithium tantalate waveguide. Electronics Letters, 2010, 46, 1686.	1.0	9
11	Parametric Conversion in Micrometer and Submicrometer Structured Ferroelectric Crystals by Surface Poling. International Journal of Optics, 2012, 2012, 1-11.	1.4	9
12	Photovoltaic module characteristics from CIGS solar cell modelling. , 2013, , .		8
13	High resolution x-ray investigation of periodically poled lithium tantalate crystals with short periodicity. Journal of Applied Physics, 2009, 106, 104121.	2.5	7
14	Backward frequency doubling of near infrared picosecond pulses. Optics Express, 2014, 22, 7544.	3.4	7
15	Soft proton exchanged channel waveguides in congruent lithium tantalate for frequency doubling. Optics Express, 2010, 18, 25967.	3.4	4
16	Features of randomized electric-field assisted domain inversion in lithium tantalate. Optics Express, 2011, 19, 25780.	3.4	4
17	Seven Mathematical Models of Hemorrhagic Shock. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-34.	1.3	3
18	A Simple Cardiovascular Model for the Study of Hemorrhagic Shock. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-21.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Characterization of PP-cLT Waveguides for Second-Harmonic-Generation and Wavelength-Conversion in the C + L band of Optical Communications. , 2010, , .		0