

# Tomasz Starecki

## List of Publications by Year in descending order

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35  
papers

273  
citations

1040056

9  
h-index

888059

17  
g-index

35  
all docs

35  
docs citations

35  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anandamide-Modulated Changes in Metabolism, Glycosylation Profile and Migration of Metastatic Melanoma Cells. <i>Cancers</i> , 2022, 14, 1419.	3.7	5
2	Front-End Amplifiers for Tuning Forks in Quartz Enhanced PhotoAcoustic Spectroscopy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2947.	2.5	16
3	Improving the Signal to Noise Ratio of QTF Preamplifiers Dedicated for QEPAS Applications. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4105.	2.5	6
4	High Sensitivity Preamplifier for Quartz Enhanced Photoacoustic Spectroscopy Sensors. , 2018, , .		0
5	First report of long term measurements of the MGGL laboratory in the MĀĳtra mountain range. <i>Classical and Quantum Gravity</i> , 2017, 34, 114001.	4.0	10
6	A High Sensitivity Preamplifier for Quartz Tuning Forks in QEPAS (Quartz Enhanced PhotoAcoustic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.8	17
7	Analysis of overtone flexural modes operation in quartz-enhanced photoacoustic spectroscopy. <i>Optics Express</i> , 2016, 24, A682.	3.4	57
8	Quartz-enhanced photoacoustic spectroscopy exploiting tuning fork overtone modes. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	61
9	Multichannel Detection of Photoacoustic Signals: Preliminary Results. <i>International Journal of Thermophysics</i> , 2015, 36, 2342-2350.	2.1	0
10	2nd Conference on Photoacoustics and Photothermal Theory and Applications (CPPTA). <i>International Journal of Thermophysics</i> , 2015, 36, 2283-2284.	2.1	0
11	1st Conference on Photoacoustics and Photothermal Theory and Applications (CPPTA). <i>International Journal of Thermophysics</i> , 2014, 35, 2169-2170.	2.1	0
12	Improved Photoacoustic Generator. <i>International Journal of Thermophysics</i> , 2014, 35, 2302-2307.	2.1	5
13	Analog Front-End Circuitry in Piezoelectric and Microphone Detection of Photoacoustic Signals. <i>International Journal of Thermophysics</i> , 2014, 35, 2124-2139.	2.1	17
14	Improved Open Photoacoustic Helmholtz Cell. <i>International Journal of Thermophysics</i> , 2014, 35, 2023-2031.	2.1	8
15	Differential Open Photoacoustic Helmholtz Cell. <i>International Journal of Thermophysics</i> , 2014, 35, 2259-2268.	2.1	11
16	Parametric Analysis of a Differential Photoacoustic Helmholtz Cell. <i>International Journal of Thermophysics</i> , 2014, 35, 2269-2278.	2.1	4
17	Properties of digital 1/3-octave filters implemented according to ANSI S1.11. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
18	Programmable pulse generator based on programmable logic and direct digital synthesis. <i>Review of Scientific Instruments</i> , 2012, 83, 124704.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Pulse Measurements of the Frequency Response of a Photoacoustic Cell. International Journal of Thermophysics, 2011, 32, 893-900.	2.1	7
20	Ultra-low-noise preamplifier for condenser microphones. Review of Scientific Instruments, 2010, 81, 124702.	1.3	6
21	Loss-improved electroacoustical modeling of small Helmholtz resonators. Journal of the Acoustical Society of America, 2007, 122, 2118-2123.	1.1	21
22	&lt;title&gt;Comparison of FFT and LMS applied to photoacoustic signal detection&lt;/title&gt;. Proceedings of SPIE, 2007, , .	0.8	0
23	&lt;title>Some aspects of digital processing of photoacoustic signals&lt;/title>. , 2006, , .		1
24	&lt;title>Thermal instability of sampling moment in wide-band digitizing oscilloscopes&lt;/title>. , 2006, , .		1
25	&lt;title>Low cost miniature data acquisition and control system for photoacoustic experiments&lt;/title>. , 2006, 6159, 665.		0
26	&lt;title>Application of FPGA devices in implementation of random repetitive sampling oscilloscope&lt;/title>. , 2006, , .		0
27	&lt;title>Practical improvements of modelling of photoacoustic Helmholtz cells&lt;/title>. , 2006, 6159, 653.		1
28	&lt;title>Low cost programmable pulse generator with very short rise/fall time&lt;/title>. , 2006, 6347, 666.		2
29	&lt;title>Programmable filter for photoacoustic experiments&lt;/title>. , 2006, 6347, 402.		1
30	&lt;title>Programmable virtually zero-noise polarization voltage supply for condenser microphones&lt;/title>. , 2006, , .		1
31	Photoacoustic instruments calibration method. , 2005, , .		0
32	PC and virtual-instruments-based lab for teaching of electronic circuits. , 2005, , .		0
33	Analysis of some basic properties of multicavity photoacoustic Helmholtz cells. , 2005, , .		1
34	B15: Implementation of real time and stroboscope sampling of photoacoustic signals based on CPLD circuits. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 247-251.	0.4	0
35	Concept of virtual instruments applied in photoacoustic measurements. Review of Scientific Instruments, 1993, 64, 2033-2034.	1.3	4