

Tomasz Starecki

List of Publications by Year in descending order

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35
papers

273
citations

1040056

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888059

17
g-index

35
all docs

35
docs citations

35
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Quartz-enhanced photoacoustic spectroscopy exploiting tuning fork overtone modes. Applied Physics Letters, 2015, 107, .	3.3	61
2	Analysis of overtone flexural modes operation in quartz-enhanced photoacoustic spectroscopy. Optics Express, 2016, 24, A682.	3.4	57
3	Loss-improved electroacoustical modeling of small Helmholtz resonators. Journal of the Acoustical Society of America, 2007, 122, 2118-2123.	1.1	21
4	Analog Front-End Circuitry in Piezoelectric and Microphone Detection of Photoacoustic Signals. International Journal of Thermophysics, 2014, 35, 2124-2139.	2.1	17
5	A High Sensitivity Preamplifier for Quartz Tuning Forks in QEPAS (Quartz Enhanced PhotoAcoustic) Tj ETQq1 1 0.784314 rgBT/Overlo	3.8	17
6	Front-End Amplifiers for Tuning Forks in Quartz Enhanced PhotoAcoustic Spectroscopy. Applied Sciences (Switzerland), 2020, 10, 2947.	2.5	16
7	Differential Open Photoacoustic Helmholtz Cell. International Journal of Thermophysics, 2014, 35, 2259-2268.	2.1	11
8	Programmable pulse generator based on programmable logic and direct digital synthesis. Review of Scientific Instruments, 2012, 83, 124704.	1.3	10
9	First report of long term measurements of the MGGL laboratory in the MÅłtra mountain range. Classical and Quantum Gravity, 2017, 34, 114001.	4.0	10
10	Improved Open Photoacoustic Helmholtz Cell. International Journal of Thermophysics, 2014, 35, 2023-2031.	2.1	8
11	Pulse Measurements of the Frequency Response of a Photoacoustic Cell. International Journal of Thermophysics, 2011, 32, 893-900.	2.1	7
12	Ultra-low-noise preamplifier for condenser microphones. Review of Scientific Instruments, 2010, 81, 124702.	1.3	6
13	Improving the Signal to Noise Ratio of QTF Preamplifiers Dedicated for QEPAS Applications. Applied Sciences (Switzerland), 2020, 10, 4105.	2.5	6
14	Improved Photoacoustic Generator. International Journal of Thermophysics, 2014, 35, 2302-2307.	2.1	5
15	Anandamide-Modulated Changes in Metabolism, Glycosylation Profile and Migration of Metastatic Melanoma Cells. Cancers, 2022, 14, 1419.	3.7	5
16	Concept of virtual instruments applied in photoacoustic measurements. Review of Scientific Instruments, 1993, 64, 2033-2034.	1.3	4
17	Parametric Analysis of a Differential Photoacoustic Helmholtz Cell. International Journal of Thermophysics, 2014, 35, 2269-2278.	2.1	4
18	<title>Low cost programmable pulse generator with very short rise/fall time</title>. , 2006, 6347, 666.		2

#	ARTICLE	IF	CITATIONS
19	Analysis of some basic properties of multicavity photoacoustic Helmholtz cells. , 2005, , .		1
20	<title>Some aspects of digital processing of photoacoustic signals</title>. , 2006, , .		1
21	<title>Thermal instability of sampling moment in wide-band digitizing oscilloscopes</title>. , 2006, , .		1
22	<title>Practical improvements of modelling of photoacoustic Helmholtz cells</title>. , 2006, 6159, 653.		1
23	<title>Programmable filter for photoacoustic experiments</title>. , 2006, 6347, 402.		1
24	<title>Programmable virtually zero-noise polarization voltage supply for condenser microphones</title>. , 2006, , .		1
25	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
26	Photoacoustic instruments calibration method. , 2005, , .		0
27	PC and virtual-instruments-based lab for teaching of electronic circuits. , 2005, , .		0
28	<title>Low cost miniature data acquisition and control system for photoacoustic experiments</title>. , 2006, 6159, 665.		0
29	<title>Application of FPGA devices in implementation of random repetitive sampling oscilloscope</title>. , 2006, , .		0
30	<title>Comparison of FFT and LMS applied to photoacoustic signal detection</title>. Proceedings of SPIE, 2007, , .	0.8	0
31	Properties of digital 1/3-octave filters implemented according to ANSI S1.11. Proceedings of SPIE, 2012, , .	0.8	0
32	1st Conference on Photoacoustics and Photothermal Theory and Applications (CPPTA). International Journal of Thermophysics, 2014, 35, 2169-2170.	2.1	0
33	Multichannel Detection of Photoacoustic Signals: Preliminary Results. International Journal of Thermophysics, 2015, 36, 2342-2350.	2.1	0
34	2nd Conference on Photoacoustics and Photothermal Theory and Applications (CPPTA). International Journal of Thermophysics, 2015, 36, 2283-2284.	2.1	0
35	High Sensitivity Preamplifier for Quartz Enhanced Photoacoustic Spectroscopy Sensors. , 2018, , .		0