

Gianni Durando

List of Publications by Year in descending order

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papers

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1163117

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docs citations

31
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasounds induce blood-brain barrier opening across a sonolucent polyolefin plate in an in vitro isolated brain preparation. <i>Scientific Reports</i> , 2022, 12, 2906.	3.3	7
2	Can Low-Intensity Pulsed Ultrasound Treat Discrete Pulmonary Lesions in Patients With COVID-19?. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 1445-1450.	1.7	2
3	Sonodynamic Therapy for the Treatment of Intracranial Gliomas. <i>Journal of Clinical Medicine</i> , 2021, 10, 1101.	2.4	14
4	Sonodynamic Treatment Induces Selective Killing of Cancer Cells in an In Vitro Co-Culture Model. <i>Cancers</i> , 2021, 13, 3852.	3.7	11
5	5-Aminolevulinic Acid Triggered by Ultrasound Halts Tumor Proliferation in a Syngeneic Model of Breast Cancer. <i>Pharmaceuticals</i> , 2021, 14, 972.	3.8	1
6	SWCNT-porphyrin nano-hybrids selectively activated by ultrasound: an interesting model for sonodynamic applications. <i>RSC Advances</i> , 2020, 10, 21736-21744.	3.6	8
7	Exploiting Lipid and Polymer Nanocarriers to Improve the Anticancer Sonodynamic Activity of Chlorophyll. <i>Pharmaceutics</i> , 2020, 12, 605.	4.5	6
8	Weak biophoton emission after laser surgery application in soft tissues: Analysis of the optical features. <i>Journal of Biophotonics</i> , 2019, 12, e201800260.	2.3	7
9	Insight into ultrasound-mediated reactive oxygen species generation by various metal-porphyrin complexes. <i>Free Radical Biology and Medicine</i> , 2018, 121, 190-201.	2.9	60
10	Weak light emission of soft tissues induced by heating. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	2.6	3
11	Ultrasound physiotherapy devices: how to measure them. <i>IEEE Instrumentation and Measurement Magazine</i> , 2016, 19, 15-48.	1.6	4
12	Enhanced selective sonosensitizing efficacy of ultrasound-based anticancer treatment by targeted gold nanoparticles. <i>Nanomedicine</i> , 2016, 11, 3053-3070.	3.3	70
13	Final report on key comparison CCAUV.U-K3.1. <i>Metrologia</i> , 2016, 53, 09002.	1.2	10
14	Towards Comparison of Ultrasound Dose Measurements - Current Capabilities and Open Challenges. <i>Physics Procedia</i> , 2015, 70, 1114-1118.	1.2	3
15	Measurements of temperature increase induced on a tissue-mimicking material by a clinical US-guided HIFU system. , 2015, , .		1
16	Characterization of therapeutic ultrasound devices for rehabilitation and physical medicine. , 2015, , .		1
17	Acoustic characterization of ultrasound fields able to induce sonodynamic activity in an in vitro cancer model. , 2015, , .		1
18	Therapeutic Ultrasound in Physical Medicine and Rehabilitation: Characterization and Assessment of Its Physical Effects on Joint-Mimicking Phantoms. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 2743-2748.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Metrology of high-intensity therapeutic ultrasound within the EMRP project "External Beam Cancer Therapy". Characterization of sources. Metrologia, 2012, 49, S267-S270.	1.2	7
20	HIFU ultrasound power measurements at INRiM. Metrologia, 2012, 49, S271-S274.	1.2	1
21	A comparison of three different types of temperature measurement in HITU fields. Metrologia, 2012, 49, S279-S281.	1.2	4
22	A comparative evaluation of three hydrophones and a numerical model in high intensity focused ultrasound fields. Journal of the Acoustical Society of America, 2012, 131, 1121-1130.	1.1	42
23	HIFU Ultrasound Power Measurements at INRiM. Journal of Physics: Conference Series, 2011, 279, 012013.	0.4	1
24	Inter-laboratory comparison of HITU power measurement methods and capabilities. Journal of Physics: Conference Series, 2011, 279, 012015.	0.4	4
25	Measurement system for experimental determination of acoustic properties of gels at INRiM. Journal of Physics: Conference Series, 2011, 279, 012026.	0.4	2
26	A two-axis tilt platform for x-ray interferometry. Measurement Science and Technology, 2003, 14, 717-723.	2.6	11
27	Accuracy assessment of data analysis in absolute gravimetry. IEEE Transactions on Instrumentation and Measurement, 2003, 52, 500-503.	4.7	3
28	Propagation of error analysis in a total least-squares estimator in absolute gravimetry. Metrologia, 2002, 39, 489-494.	1.2	8
29	Propagation of error analysis in least-squares procedures with second-order autoregressive measurement errors. Measurement Science and Technology, 2002, 13, 1505-1511.	2.6	8
30	Accuracy assessment of analysis of a free-fall gravimeter data. , 0, , .		0
31	Remeasurement of the (220) lattice spacing of silicon. , 0, , .		0