

# Gianni Durando

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

311  
citations

1163117

8  
h-index

888059

17  
g-index

31  
all docs

31  
docs citations

31  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced selective sonosensitizing efficacy of ultrasound-based anticancer treatment by targeted gold nanoparticles. <i>Nanomedicine</i> , 2016, 11, 3053-3070.	3.3	70
2	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
3	A comparative evaluation of three hydrophones and a numerical model in high intensity focused ultrasound fields. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 1121-1130.	1.1	42
4	Sonodynamic Therapy for the Treatment of Intracranial Gliomas. <i>Journal of Clinical Medicine</i> , 2021, 10, 1101.	2.4	14
5	A two-axis tip-tilt platform for x-ray interferometry. <i>Measurement Science and Technology</i> , 2003, 14, 717-723.	2.6	11
6	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
7	Sonodynamic Treatment Induces Selective Killing of Cancer Cells in an In Vitro Co-Culture Model. <i>Cancers</i> , 2021, 13, 3852.	3.7	11
8	Final report on key comparison CCAUV.U-K3.1. <i>Metrologia</i> , 2016, 53, 09002.	1.2	10
9	Propagation of error analysis in a total least-squares estimator in absolute gravimetry. <i>Metrologia</i> , 2002, 39, 489-494.	1.2	8
10	Propagation of error analysis in least-squares procedures with second-order autoregressive measurement errors. <i>Measurement Science and Technology</i> , 2002, 13, 1505-1511.	2.6	8
11	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
12	Metrology of high-intensity therapeutic ultrasound within the EMRP project "External Beam Cancer Therapy". Characterization of sources. <i>Metrologia</i> , 2012, 49, S267-S270.	1.2	7
13	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
14	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
15	Exploiting Lipid and Polymer Nanocarriers to Improve the Anticancer Sonodynamic Activity of Chlorophyll. <i>Pharmaceutics</i> , 2020, 12, 605.	4.5	6
16	Inter-laboratory comparison of HITU power measurement methods and capabilities. <i>Journal of Physics: Conference Series</i> , 2011, 279, 012015.	0.4	4
17	A comparison of three different types of temperature measurement in HITU fields. <i>Metrologia</i> , 2012, 49, S279-S281.	1.2	4
18	Ultrasound physiotherapy devices: how to measure them. <i>IEEE Instrumentation and Measurement Magazine</i> , 2016, 19, 15-48.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Accuracy assessment of data analysis in absolute gravimetry. IEEE Transactions on Instrumentation and Measurement, 2003, 52, 500-503.	4.7	3
20	Towards Comparison of Ultrasound Dose Measurements - Current Capabilities and Open Challenges. Physics Procedia, 2015, 70, 1114-1118.	1.2	3
21	Weak light emission of soft tissues induced by heating. Journal of Biomedical Optics, 2018, 23, 1.	2.6	3
22	Measurement system for experimental determination of acoustic properties of gels at INRiM. Journal of Physics: Conference Series, 2011, 279, 012026.	0.4	2
23	Can <sc>Low&intensity</sc> Pulsed Ultrasound Treat Discrete Pulmonary Lesions in Patients With <sc>COVID</sc>? Journal of Ultrasound in Medicine, 2021, 40, 1445-1450.	1.7	2
24	HIFU Ultrasound Power Measurements at INRiM. Journal of Physics: Conference Series, 2011, 279, 012013.	0.4	1
25	HIFU ultrasound power measurements at INRiM. Metrologia, 2012, 49, S271-S274.	1.2	1
26	Measurements of temperature increase induced on a tissue-mimicking material by a clinical US-guided HIFU system. , 2015, , .		1
27	Characterization of therapeutic ultrasound devices for rehabilitation and physical medicine. , 2015, , .		1
28	Acoustic characterization of ultrasound fields able to induce sonodynamic activity in an in vitro cancer model. , 2015, , .		1
29	5-Aminolevulinic Acid Triggered by Ultrasound Halts Tumor Proliferation in a Syngeneic Model of Breast Cancer. Pharmaceuticals, 2021, 14, 972.	3.8	1
30	Accuracy assessment of analysis of a free-fall gravimeter data. , 0, , .		0
31	Remeasurement of the (220) lattice spacing of silicon. , 0, , .		0