

D Felipe Gaitan

List of Publications by Year in descending order

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14
papers

1,208
citations

932766

10
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcomes of the collapse of a large bubble in water at high ambient pressures. <i>Physical Review E</i> , 2017, 95, 043101.	0.8	8
2	Temporally and spatially resolved imaging of laser-nucleated bubble cloud sonoluminescence. <i>Physical Review E</i> , 2012, 85, 056605.	0.8	10
3	The effect of static pressure on the strength of inertial cavitation events. <i>Journal of the Acoustical Society of America</i> , 2012, 132, 2286-2291.	0.5	19
4	The effect of static pressure on the inertial cavitation threshold. <i>Journal of the Acoustical Society of America</i> , 2012, 132, 728-737.	0.5	32
5	Optical nucleation of bubble clouds in a high pressure spherical resonator. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 3389-3395.	0.5	6
6	Suppression of an acoustic mode by an elastic mode of a liquid-filled spherical shell resonator. <i>Journal of the Acoustical Society of America</i> , 2011, 129, 597-603.	0.5	5
7	Transient cavitation in high-quality-factor resonators at high static pressures. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 3456-3465.	0.5	44
8	Experimental observations of bubble response and light intensity near the threshold for single bubble sonoluminescence in an air-water system. <i>Physical Review E</i> , 1999, 59, 5495-5502.	0.8	51
9	Spectra of single-bubble sonoluminescence in water and glycerin-water mixtures. <i>Physical Review E</i> , 1996, 54, 525-528.	0.8	33
10	Observation of Stability Boundaries in the Parameter Space of Single Bubble Sonoluminescence. <i>Physical Review Letters</i> , 1996, 77, 3791-3794.	2.9	142
11	Mie scattering from a sonoluminescing air bubble in water. <i>Applied Optics</i> , 1995, 34, 2648.	2.1	35
12	Chaotic sonoluminescence. <i>Physical Review Letters</i> , 1994, 72, 1376-1379.	2.9	68
13	Finite amplitude standing waves in harmonic and anharmonic tubes. <i>Journal of the Acoustical Society of America</i> , 1993, 93, 2489-2495.	0.5	47
14	Sonoluminescence and bubble dynamics for a single, stable, cavitation bubble. <i>Journal of the Acoustical Society of America</i> , 1992, 91, 3166-3183.	0.5	694