D Felipe Gaitan

List of Publications by Year
in descending order

14	1,208	932766 10	794141 19
papers	citations	h-index	g-index

19	19	19	501
all docs	docs citations	times ranked	citing authors

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