

Probing the pressure dependence of sound speed and at
Experimental observations, a theoretical model and num

Ultrasonics Sonochemistry

95, 106319

DOI: [10.1016/j.ultsonch.2023.106319](https://doi.org/10.1016/j.ultsonch.2023.106319)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of the translational motion of bubbles: The comparison of capabilities of the time-resolved and the time-averaged methods. <i>Ultrasonics Sonochemistry</i> , 2023, 92, 106253.	8.2	4
2	Effects of medium viscoelasticity on bubble collapse strength of interacting polydisperse bubbles. <i>Ultrasonics Sonochemistry</i> , 2023, 95, 106375.	8.2	9
3	Theoretical prediction of the scattering of spherical bubble clusters under ultrasonic excitation. <i>Ultrasonics Sonochemistry</i> , 2023, 94, 106308.	8.2	4
4	Nonlinear ultrasound propagation in liquid containing multiple microbubbles coated by shell incorporating anisotropy. <i>Physics of Fluids</i> , 2023, 35, .	4.0	3
5	Definition of Bubbly Liquids Parameters for the Optimization of Their Nonlinear Effects on Ultrasound. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 3882.	2.5	0
6	Nonlinear ultrasound in liquid containing multiple coated microbubbles: effect of buckling and rupture of viscoelastic shell on ultrasound propagation. <i>Nonlinear Dynamics</i> , 2023, 111, 10859-10877.	5.2	3
7	Numerical investigation on acoustic cavitation characteristics of an air-vapor bubble: Effect of equation of state for interior gases. <i>Ultrasonics Sonochemistry</i> , 2023, 97, 106456.	8.2	6
8	Bubble pulsation characteristics in multi-bubble systems affected by bubble size polydispersity and spatial structure. <i>Ultrasonics</i> , 2023, 134, 107089.	3.9	2
9	Speed of sound in gypsum slurries with foaming agent and expected spanwise spreading. <i>Experiments in Fluids</i> , 2023, 64, .	2.4	1
10	Extensive investigation of geometric effects in sonoreactors: Analysis by luminol mapping and comparison with numerical predictions.. <i>Ultrasonics Sonochemistry</i> , 2023, 99, 106542.	8.2	2
11	Investigation of interaction effects on dual-frequency driven cavitation dynamics in a two-bubble system. <i>Ultrasonics Sonochemistry</i> , 2023, 99, 106586.	8.2	0
12	Sound attenuation in high mach number oscillating bubble media. <i>Ultrasonics Sonochemistry</i> , 2023, 101, 106699.	8.2	0
13	Controlled Tempering of Lipid Concentration and Microbubble Shrinkage as a Possible Mechanism for Fine-Tuning Microbubble Size and Shell Properties. <i>Langmuir</i> , 2023, 39, 17622-17631.	3.5	0
14	Time-mean equation and multi-field coupling numerical method for low-Reynolds-number turbulent flow in ferrofluid. <i>Physics of Fluids</i> , 2023, 35, .	4.0	4
15	Influence of interactions between bubbles on physico-chemical effects of acoustic cavitation. <i>Ultrasonics Sonochemistry</i> , 2024, 104, 106808.	8.2	1
16	Influence of the liquid ionic strength on the resonance frequency and shell parameters of lipid-coated microbubbles. <i>Journal of Colloid and Interface Science</i> , 2024, 664, 533-538.	9.4	0
17	Special Issue on "Innovative insights in sonochemical degradation of emerging pollutants in water" <i>Ultrasonics Sonochemistry</i> , 2024, 104, 106822.	8.2	0
18	How do various forces affect pressure waves in bubbly flows?. <i>Physics of Fluids</i> , 2024, 36, .	4.0	0