

Shahrokh Sepehriahnama

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

151
citations

1163117

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1372567

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g-index

11
all docs

11
docs citations

11
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic radiation force and radiation torque beyond particles: Effects of nonspherical shape and Willis coupling. <i>Physical Review E</i> , 2021, 104, 065003.	2.1	8
2	Generalized potential theory for close-range acoustic interactions in the Rayleigh limit. <i>Physical Review E</i> , 2020, 102, 043307.	2.1	11
3	Acoustophoretic agglomeration patterns of particulate phase in a host fluid. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	2.2	4
4	Numerical Modeling of Free-Surface Wave Effects on Flexural Vibration of Floating Structures. <i>International Journal of Computational Methods</i> , 2020, 17, 1940016.	1.3	0
5	Space-time domain solutions of the wave equation by a non-singular boundary integral method and Fourier transform. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 697-707.	1.1	9
6	Coupled acoustic-shell model for experimental study of cell stiffness under acoustophoresis. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	2.2	22
7	Effects of viscosity and acoustic streaming on the interparticle radiation force between rigid spheres in a standing wave. <i>Physical Review E</i> , 2016, 93, 023307.	2.1	25
8	Numerical calculation of acoustic radiation forces acting on a sphere in a viscous fluid. <i>Physical Review E</i> , 2015, 92, 063309.	2.1	11
9	Numerical Analysis of the Acoustic Radiation Force and Acoustic Streaming Around a Sphere in an Acoustic Standing Wave. <i>Physics Procedia</i> , 2015, 70, 80-84.	1.2	11
10	Numerical study of interparticle radiation force acting on rigid spheres in a standing wave. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 2614-2622.	1.1	47
11	CALCULATION OF ACOUSTIC RADIATION FORCE AND MOMENT IN MICROFLUIDIC DEVICES. <i>International Journal of Modern Physics Conference Series</i> , 2014, 34, 1460380.	0.7	3