

# Shahrokh Sepehrirahnama

## List of Publications by Year in descending order

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11  
papers

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citations

1163117

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1372567

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docs citations

11  
times ranked

126  
citing authors

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