

# Pooya Movahed

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

138  
citations

1684188

5  
h-index

2053705

5  
g-index

9  
all docs

9  
docs citations

9  
times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound-Induced Bubble Clusters in Tissue-Mimicking Agar Phantoms. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 2318-2328.	1.5	8
2	Cavitation-induced damage of soft materials by focused ultrasound bursts: A fracture-based bubble dynamics model. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 1374-1386.	1.1	42
3	The mixing region in freely decaying variable-density turbulence. <i>Journal of Fluid Mechanics</i> , 2015, 772, 386-426.	3.4	6
4	Numerical simulations of a shock interacting with successive interfaces using the Discontinuous Galerkin method: the multilayered Richtmyer-Meshkov and Rayleigh-Taylor instabilities. <i>Shock Waves</i> , 2015, 25, 329-345.	1.9	26
5	A numerical study of turbulence in boxes with no-slip walls and of varying volume-to-surface ratios. , 2015, , .		0
6	A solution-adaptive method for efficient compressible multifluid simulations, with application to the Richtmyer-Meshkov instability. <i>Journal of Computational Physics</i> , 2013, 239, 166-186.	3.8	52
7	Turbulence diffusion effects at material interfaces, with application to the Rayleigh-Taylor instability. , 2013, , .		0
8	Numerical simulations of the Richtmyer-Meshkov instability with reshock. , 2011, , .		4